

UNIVERSITY OF ARKANSAS  
FAYETTEVILLE, ARKANSAS

PUBLICATIONS AND PRESENTATIONS  
JULY 1, 2007 – JUNE 30, 2008

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## Bumpers College of Agricultural, Food and Life Sciences

### **BOOKS:**

#### **Biological and Agricultural Engineering**

**Haggard, B.E.**, and A.N. Sharpley. "Phosphorus Transport in Streams: Processes and Modeling Considerations." In *Modeling Phosphorus in the Environment*, edited by D.E. Radcliffe and M.L. Cabrera, 105-130. Boca Raton, FL: CRC Press Taylor and Francis Group, 2007.

Harmel, R.D., and **B.E. Haggard**. "Small Watershed Data Collection to Support Phosphorus Modeling." In *Modeling Phosphorus in the Environment*, edited by D.E. Radcliffe and M.L. Cabrera, 383-402. Boca Raton, FL: CRC Press Taylor and Francis Group, 2007.

#### **Crop, Soil, and Environmental Sciences**

**Norman, R.J.**, J.-F. Meullenet, K.A.K. Moldenhauer (eds). 2007. B.R. Wells Rice Research Studies. 2006. U of A Agri. Exp. Stn. Res. Ser., 550. 424 pages.

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**Haggard, B. E.**, and Sharpley, A. N. Phosphorus Transport in Stream: Processes and Modeling Considerations. In D. Radcliffe and M. Cabrera (eds.), *Modeling Phosphorus in the Environment: State of the Art*. CRC Press, Boca Raton, FL. 2007. p. 105-130.

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## Poultry Science

Swaffar, A. D., D. E. Yoho, J. R. Moyle, R. S. Harper, and **R.K. Bramwell**, 2007. Evaluating external physical characteristics of commercial broiler breeder males with testes weight and volume. International SPSS meetings, Atlanta, GA, January 22-23. Poultry Science 86(Suppl. 1):M43.

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**Chapman, H. D.** and P. L. Matsler. (2007). Characterization and attenuation of *Eimeria meleagridis* from the turkey (p. 25). In: Proceedings of the 56<sup>th</sup> Western Poultry Disease Conference, Las Vegas, NV.

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**Chapman, H. D.** (2007). Tendencias mundiales en el control de coccidiosis: tratamiento, medicamentos anticoccidianos y vacunas. In: Proceedings of the International Novartis Poultry Symposium (p. 101-104). Puerto Vallarta, MX.

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Solis de los Santos, F.S., Donoghue, A.M., Farnell, M.B., Huff, G.R., Huff, W.E. and **Donoghue, D.J.** 2007. Mannan-oligosaccharide yeast extract supplementation enhances early gut development in turkey poult. XVI<sup>th</sup> European Symposium on Poultry Nutrition, Pgs. 399-402.

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Bowen, O. T., R. F. Wideman, and **G. F. Erf.** 2007. Altered monocyte/macrophage numbers in lood and organs of chickens injected i.v. with LPS. Poult. Sci. 86 (Suppl. 1): 51.

**Erf, G. F.**, B. Lockhart, K. Bateman, R. Finley, and O.T. Bowen. 2007. The feather as an in vivo test tube for tissue immune responses. Poult. Sci. 86 (Suppl. 1): 143.

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Madison, F.N., A. Jurkevich and **W.J. Kuenzel**. 2007. Sex differences in the septal-hypothalamo-pituitary-adrenal axis and distribution of arginine vasotocin and corticotropin releasing neurons in the domestic fowl. Poultry Science 86 (Suppl. 1):125.

Layton, S. L., K. Cole, M. M. Cox, J. L. Gallagher, T. Jiang, **Y.M. Kwon**, L. R. Berghman, W. J. Bottje, and B. M. Hargis. 2007. Development and initial evaluation of a candidate M2e-based avian influenza vaccine utilizing recombinant *Salmonella* as a vaccine vector. Poultry Sci. 86(suppl. 1):751.

Chalova, V. I., **Y.M. Kwon**, J. Lingbeck, and S.C. Ricke. 2007. Antimutagenic Capabilities of Selected *Lactobacillus* spp. and *B. bifidum* ATCC 11863 Supernatants at Different Growth Phases. J. Food Protection, 70(Suppl. 1):214.

Herrera, P. And **S. Ricke**. 2007. Growth response of *Salmonella enterica* Typhimurium in co-culture with ruminal bacterium *Streptococcus bovis* is affected by time of inoculation and carbohydrate substrate. Poultry Sci. 86 (Suppl. 1): 201.

**Rhoads, D.D.** - Final Report on Cobb Vantress Project 7/05-9/07. November 2007.

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Lorenzoni, A. G., **R. F. Wideman**, and N. B. Anthony. Transpulmonary pressure gradient verifies pulmonary hypertension is initiated by increased arterial resistance in broilers. Poult. Sci. 86 (Supplement 1):222, 2007.

Stebel, S., and **R. F. Wideman**. Pulmonary hemodynamic responses to intravenous prostaglandin E<sub>2</sub> in broiler chickens. Poult. Sci. 86 (Supplement 1):535, 2007.

## **INVITED LECTURES:**

### **Agricultural Economics and Agribusiness**

**Ahrendsen, Bruce L.** 2007. "What Does It Take to Make a Living on Cotton: The Last 50 Years." Invited presentation at the 50<sup>th</sup> Anniversary of the Northeast Research and Extension Center, Keiser, AR, August 23.

**Goodwin, Jr. H. L.** 2007. "Are We Living in Our Sweet Spot: Land-Grant Institutions and Land-Grant Professionals - Past, Present, and Future." Presidential Address, Invited presentation at the Southern Agricultural Economics Association Annual Meeting, Mobile, AL., February 4-7.

**Griffin, T., J. P. Brown and J. Lowenberg-DeBoer.** 2007. "Yield Monitor Data Analysis Protocol: A Primer in the Management and Analysis of Precision Agriculture Data." *Site Specific Management Center Publication*. Published at: <http://www.purdue.edu/ssmc>.

**Griffin, Terry.** 2007. "Experimental Designs Using Precision Agricultural Technologies." Half-day workshop presented to Precision Cotton Group hosted by Cotton Inc. Austin, TX, November.

**Thomsen, M. R.** 2007. "Economics of Wine and Juice Grape Production." Invited presentation to the Missouri Grape and Wine Conference, Osage Beach, MO. February.

**Wailles, E.** 2007. "Impacts of Trade Sanctions: Case of U.S. Rice." Invited presentation at symposium "Impacts of U.S. Unilateral Policy Reform on Southern Agriculture" at Southern Agricultural Economics Association annual meeting, Mobile, AL. February 5, 2007

**Wailles, E.** 2007. "Economic analysis of the Grand Prairie Area Demonstration Project." Presentation to Arkansas State Legislature, Joint Budget Committee. February 22. Little Rock, AR Invited presentation. Audience: 60 members of Arkansas State Legislature, industry personnel, state and local public officials.

**Wailles, E., B. Watkins, R. Carreira and J. Hignight.** 2007. "Economics of Delta Row Crop Agriculture." Invited presentation to Arkansas State Legislature Joint House and Senate Agriculture Committee. Wynne, AR. October 31.

**Watkins, B.** 2007. "Potential Economic Impact of Global Climate Change on Rice Production." Invited presentation at the 2007 Impacts of Global Climate Change on Rice Production Workshop, Dale Bumpers National Rice Research Center, Stuttgart, Arkansas, September 25.



**Watkins, B.**, J. Hill, and M. Anders. 2007. "Economics of Zero-Grade Rice Systems in Arkansas." Invited presentation at the 10<sup>th</sup> Annual Conservation Systems Cotton & Rice Conference, Houston, TX, January 29-30.

**Watkins, B.**, J. Hill, and M. Anders. 2007. "Impacts of Rental Arrangements and Pump Lifts on Arkansas Rice Farm Profitability." Invited presentation at the 2007 Arkansas Soil and Water Education Conference, Arkansas State University, Jonesboro, Arkansas, January 11.

**Watkins, K. B.**, P. A. Beck, D. S. Hubbell, III, M. M. Anders, S. A. Gunter, S. Gadberry, and K.S. Lusby. 2007. "Economics of Conservation Tillage Winter Wheat Production and Stocker Cattle Grazing in Arkansas." Invited presentation at the 2007 Southern Wheat Research and Extension Consortium, Samuel Roberts Noble Foundation-Kruse Center, Ardmore, Oklahoma, August 2-3.

**Watkins, K. B.**, J. L. Hill, and C. E. Wilson, Jr. 2007. "2007 Arkansas Rice Costs of Production." Invited presentation at the 2007 River Valley Row Crop Marketing Workshop, Doc Bryan Building, Arkansas Tech University, March 20.

### **Agricultural and Extension Education**

**Johnson, D.M.** (2007). The role of agricultural technology in the agricultural education curriculum. *F.W. Miller Lecture presented at Iowa State University, January 25<sup>th</sup>, 2007.*

**Miller, J.D.** (2007). Pupils, professors, professionals, and passports: ACE/ACT international study tour. *Presentation at the ACE/NETC International Agricultural Communications Conference, Albuquerque, NM, June 17, 2007.*

**Miller, J.D.** (2007). Communication is the key: Internal communications in the poultry industry. *Invited presentation at the 2007 Poultry Federation Spring Symposium, Springdale, AR April 19, 2007.*

### **Agriculture Statistics Laboratory**

**Mauromoustakos A.** (2007). Nonlinear mixed models. Department of Plant Breeding and Biometry, Agricultural University of Athens, Athens, Greece.

### **Animal Science**

**Beck, P. A.**, S. A. Gunter, M. A. Anders, K. B. Watkins, K. S. Lusby, and D. S. Hubbell. 2007. Effect of pasture management practices on animal performance and nutrient runoff. American Society of Animal Science Southern Section. Mobile, AL. Invited.

**Brown, Jr., A. H.** 2007. Scotland March 2006. *Presented to the Ozark Cattlemen's Association.* (Invited).

**Brown, Jr., A. Hayden.** 2006. Assessment of Respiratory Chain Complex Activities in Muscle Mitochondria in Angus Steers with Low and High Feed Efficiency. Invited presentation to The Scottish Agricultural College and the Sustainable Livestock Systems Group, University of Edinburgh, Scotland.

**Maxwell, C. V.** and J. W. Frank. 2007. Invited presentation: Health of weanling pigs: Management and gut microbiota. Proceedings of the XIII Congresso Brasileiro de Veterinarios Especialistas em Suinois-ABRAVES, 16 a 19 de Outubro de 2007- Florianopolis, SC, Brazil, pp169-188.

**T.A. Yazwinski** and C.A. Tucker. Controlling roundworms in the turkey flock. Michigan Winter Poultry Seminar. Zeeland, MI. February, 2007. An invited presentation.

**T.A. Yazwinski** and C.A. Tucker. Poultry helminthiasis and its control in the turkey. North Carolina Turkey Industry Days. Wilmington, NC. Sept., 2007. An invited presentation.

**T.A. Yazwinski** and C.A. Tucker. Impact of intestinal parasites on cattle health and performance. Anthelmintic Resistance Summit Mtg. Key West, FL. July, 2007. An invited presentation.

### **Biological and Agricultural Engineering**

**Carrier, D.J.** "Liquid Fuel Production in Arkansas." Invited oral presentation presented at the Biofuels 101 In-Service Training, Dale Bumpers National Rice Research Center, Stuttgart, Arkansas, January 2007.

**Carrier, D.J.,** and E. Clausen. "Les Plantes et Leurs Composés." Invited oral presentation presented at La Guilde des Herboristes du Québec, Montreal, Quebec, Canada, November 2007.

**Carrier, D.J.,** and E. Clausen. "Novel Extraction Procedures for Medicinal Plants." Invited oral presentation presented at Phytopharm Annual Meeting, Leiden, The Netherlands, June 2007.

**Carrier, D.J.,** E. Clausen, and J. King. "Subcritical Water for Phytochemical Extraction from Energy Corps." Invited oral presentation presented at American Oils Chemists Society (AOCS) Annual Meeting, Quebec City, Canada, May 2007.

**Haggard, B.E.,** and J. Giovanetti. "Land Use Effects on Stream Water Quality in a Drinking Water Supply Watershed." Invited presentation presented at American Water Works Association Southwest Section 2007 Annual Conference, Springdale, Arkansas, October 2007.

**Haggard, B.E.**, L.D. Bartsch, and J.M. Galloway. "Net Changes in Antibiotic Concentrations Downstream from Effluent Discharges." Invited presentation presented at AWRC Annual Research Conference, Fayetteville, Arkansas, 2007.

**Kavdia, M.** "Biochemical Interaction of NO and Reactive Oxygen Species in an Arteriole-Venule Pair." Invited presentation presented at Biomedical Engineering Society (BMES) Annual Fall Meeting, Los Angeles, California, September 26-29, 2007.

**Kavdia, M.** "Oxidative Stress and Nitric Oxide Transport: A Computational Model." Invited presentation presented at Mathematical Biosciences Institute Workshop, Columbus, Ohio, January 2007.

**Kavdia, M.** "Role of Reactive Oxygen Species in the Microcirculation." Invited presentation presented at Experimental Biology (FASEB), Washington, D.C., April 2007.

**Kim, J.-W.** "Challenge to Bio-Actuators: Hybrid Flagellar Motor/MEMS Based Systems." Invited paper presented at International Symposium on Neo-Robotics, Nagoya Institute of Technology, Nagoya, Japan, January 2007.

Maguire, R.O., G.H. Rubæk, **B.E. Haggard**, and B.H. Foy. "Critical Evaluation of Mitigation Options for Phosphorus from Field to Catchment Scales." Invited presentation presented at 5th International Phosphorus Workshop, Silkeborg, Denmark, September 3-7, 2007.

**Osborn, G.S.** "BlueInGreen Proposal for SDOX Technology for Paul R. Noland Wastewater Treatment Plant." Presentation made to Fayetteville City Council, Fayetteville, Arkansas 2007.

**Osborn, G.S.** "Design, Development and Technology Transfer of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented at American Society of Biological and Agricultural Engineers- Arkansas State Section Meeting, Little Rock, Arkansas, October 2007.

**Osborn, G.S.** "Design, Development and Technology Transfer of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented to BAEG Advisory Committee, Fayetteville, Arkansas, November 2007.

**Osborn, G.S.** "Design, Development and Testing of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented at Northwest District of the Arkansas Water Works and Water Environment Association District Meeting, Fayetteville, Arkansas, December 2007.

**Osborn, G.S.** "Point Source Ozonation to Minimize Antibiotic Resistance." Presentation made to Arkansas Water Resource Center Conference, Fayetteville, Arkansas, April 2007.

**Osborn, G.S.** "Supersaturated Dissolved Oxygen Injector." Presentation presented to Bella Vista, Arkansas Property Owners Association Subcommittee for Water Quality in Bella Vista Lakes, Bella Vista, Arkansas, 2007.

**Osborn, G.S.** "Utilizing SDOX Technology for Cost Savings in Wastewater Effluent Oxygenation Applications." Invited presentation presented to McGoodwin, Williams and Yeats Engineering Design Firm, Fayetteville, Arkansas, November 2007.

**Osborn, G.S., A. McCain, and C. Thompson.** "Phase II: A Portable Dissolved Oxygen Delivery System for Rapid Treatment of Organic Spills." Invited presentation presented to Program Director for National Science Foundation, 2007.

### **Crop, Soil, and Environmental Sciences**

**Anders, M.M.** 2007. A No-Till Rice Mindset and What No-Till Rice Can Do to Enhance Your Natural Resource Base. 10th Annual National Conservation Systems Cotton and Rice Conference, 29-30 Jan. Houston, Texas.

**Anders, M.M.** 2007. Performance of Hybrid Rice in 2007 Studies. 7th Annual Hybrid Rice Conference. 24-25 Oct. Little Rock, Arkansas.

**Bourland, F.M.** 2007. Meeting Cotton's Future Needs Through Variety Improvement. Presented at State Farm Bureau Meeting – Cotton Section, Little Rock, 28 Nov.

**Bourland, F.M.** 2007. Segregation and What it Means in P. Amaranth. Presented at Roundtable Discussion - Managing Glyphosate Resistant Palmer Amaranth (Regional meeting). Little Rock, 13-14 Dec.

**Brye, K.R.** 2007. How to Become a Good Scientific Speaker: Elements of a Good Presentation. Univ. Ark. Food Sci. Dept., 10 Sept., Fay., AR.

**Brye, K.R.** 2007. Residue Management in Midsouth Soils. Annual Arkansas Soil and Water Education Conference, 11 Jan., Jonesboro, AR.

**Burgos, N.R., V.K. Shivrain, D.R. Gealy, K.L. Smith, and R.C. Scott.** 2007. Red Rice Diversity and Planting Date Effects on Risk of Gene Flow. Presented at the Symposium: Gene flow among Transgenic Plants and their Wild Relatives: Implications for Risk Assessment. 10-13 Dec. St. Louis, MO.

**Moldenhauer, K.A.K.**, R.K. Bacon, F.M. Bourland, P. Chen, J. Stewart, J.W. Gibbons, T.E. Morelock, S.E. Prislowsky, and E.J. Boza. 2007. Status of Plant Breeding at the University of Arkansas. National Plant Breeding Workshop, "Plant Breeding a Vital Capacity for U.S. National Goals". 08-09 Feb. Raleigh, NC.

Nichols, R.L., A.S. Culpepper, C.L. Main, T. Mueller, **J. Norsworthy**, R. Scott, K.L. Smith, L.E. Steckel, and A.C. York. 2007. Glyphosate-Resistant Populations of *Amaranthus Palmeri* in the United States. Resistance 2007 Conference at the Rothamsted Station.

**Norman, Richard**. 2007. Efficient N Fertilization of Rice. Rice Research and Extension Center Field Day. Stuttgart, AR. 02 Aug.

**Norman, Richard**. 2007. Nitrogen Sources and Management of Nitrogen in Delayed Flood Rice. Lake Hogue Field Day. Poinsett Co. 03 Aug.

**Norman, Richard**. 2007. Soil Fertility Educational Meeting. Jackson Co. Newport ASU Educ. Ctr. 16 Feb.

**Norman, Richard**. 2007. Soil Based Nitrogen Soil Test for Rice. Midsouth Ag. Info. Meeting. Jackson, MS. 08 Feb. 8.

**Norman, Richard**. 2007. Benefits of Agrotain in Delayed Flood Rice. Agrotain International Company Meeting. St. Louis, MO. 19-20 Dec.

**Norman, Richard**. 2007. Efficient N Fertilization of Rice. Ag Consultant Training. U of A Pine Bluff Farm. 07 Aug.

**Norman, Richard**. 2007. Nitrogen Fertilization of New Hybrid Rice Cultivars. RiceTec Annual Meeting. Little Rock, AR. 24-25 Oct.

**Norman, Richard**. 2007. Efficient N Fertilization of Rice When Grown on Clay Soils. Northeast Research and Extension Center Field Day. 10 Aug.

**Norman, Richard**. 2007. Rice Soil Fertility Update. Arkansas Crop Management Meeting. Little Rock, AR. 29 Jan. - 01 Feb.

**Norsworthy, J.K.**, S. Bangarwa, M. Malik, and P. Jha. 2007. Population Dynamics of Purple Nutsedge in an Organic Production System. Organic Weed Management Symposium at the Southern Weed Science Society meeting, Nashville, TN.

**Norsworthy, J.K.** 2007. What to Expect from a New Position and Ways to Advance. Graduate Student Symposium at the Southern Weed Science Society meeting, Nashville, TN.

**Oosterhuis, D.M.** 2007. The Role of Antioxidants in Cotton Stress Response. Agrilibrum Company, Pretoria, South Africa.

**Oosterhuis, D.M.** 2007. Principles and Practices of Foliar Fertilization. 2007 Indiana Certified Crop Advisors meeting, Indianapolis. CD-ROM, Purdue University Extension, West Lafayette. 18 Dec.

**Oosterhuis, D.M.** 2007. Effect of the Anti-Ethylene Product 1-MCP on the Growth and Yield of Cotton. Rohm and Haas Research Meeting, Memphis, TN. 01 Mar.

**Oosterhuis, D.M.** 2007. Principles of Nitrogen Foliar Fertilization in Cotton. Beltwide Cotton Conferences. New Orleans, LA, 10-12 Jan.

**Oosterhuis, D.M.** 2007. Water Use Efficiency in Cotton. Water Use Efficiency Workshop, Monsanto, St. Louis, MO. Oct.

**Oosterhuis, D.M.** 2007. Plant Growth Regulator Research in Cotton. Asahi Chemical Company, Osaka, Japan.

Robinson, A.F., P. Agudelo, **C.A. Avila**, A.A. Bell, F.E. Callahan, C.G. Cook, N. D. Dighe, O.A. Gutierrez, R.W. Hayes, J.N. Jenkins, J.T. Johnson, R. Kantety, G.W. Lawrence, K. S. Lawrence, L. Mangineni, J.C. McCarty, M.A. Menz, W.A. Meredith, Jr., R.L. Nichols, R.T. Robbins, E. Sacks, B. Scheffler, G.L. Sciumbato, C. W. Smith, J.L. Starr, D.M. Stelly, S.R. Stetina, J.McD. Stewart, P.M. Thaxton, T.P. Wallace, D.B. Weaver, M.J. Wubben, and L.D. Young.. 2007. Development of Reniform Nematode Resistance in Upland Cotton. World Cotton Research Conference-4. Lubbock, TX.

**Scott, R.C.**, L.E. Steckel, K.L. Smith, T. Mueller, L.R. Oliver, and J.K. Norsworthy. 2007. Glyphosate-Resistant Palmer Amaranth in Tennessee and Arkansas. Southern Weed Science Society meeting, Nashville, TN.

**Sharpley, Andrew N.** 2007. Taking Research to the Farm: Discovery Farms for Arkansas." Special "Environmental Issues" session at the Annual Arkansas Farm Bureau Convention, Little Rock, AR. 28-30 Nov.

**Sharpley, Andrew N.** 2007. Why Soil Classification Is Critical to the Development of Environmental Risk Assessment. Arkansas Association of Professional Soil Classifiers, P. Whitaker Center, U of A, Fayetteville, AR. 12 Oct.

**Sharpley, Andrew N.** 2007. Implementing Phosphorus-Based Conservation Practices for Agriculture in Drinking Water Supply Watersheds. Southwest Section of American Water Works Association, Springdale, AR. 08-09 Oct.

**Sharpley, Andrew N.** 2007. Strategic Goals for Phosphorus Management. Heartland Regional Water Quality Roundtable, Kansas City, MI, 28-29 Aug.

**Sharpley, Andrew N.** 2007. Demonstrating Best Management Practices Can Work. Division of Agriculture, Cooperative Extension Service, U of A. Watershed Research and Education Center, Fayetteville, AR. 18 Aug.

**Sharpley, Andrew N.** Watershed Remediation: Considering Co-Benefits and Tradeoffs. Arkansas Water Resources Annual Conference, Fayetteville, AR, 04 April.

**Sharpley, Andrew N.** 2007. Understanding Phosphorus Transport at Various Scales: How Do We Do It? Graduate Seminar Series, Department of Agronomy, Kansas State University, Manhattan, KS. 15 Mar.

**Sharpley, Andrew N.** 2007. Integrating Science into Agricultural and Environmental Policy Making. Ellis Lecture, Kansas State University, Manhattan, KS. 14 Mar.

**Sharpley, Andrew N.** 2007. Tracking Phosphorus Transport in Riverine Systems: Research Needs and Catchment Management Implications. International Atomic Energy Agency Working Group on Integrated Approaches for the Assessment of Land Use Impacts on Soil Loss/Sediment Production and Related Environmental Problems. Vienna, Austria. 05-07 Nov.

**Sharpley, Andrew N.** 2007. Demonstrating Phosphorus Mitigation Strategies Can Work at Field and Catchment Scales. Keynote presentation at 5th Int. P Workshop, Silkeborg, Denmark. 03 Sept.

**Sharpley, Andrew N.** 2007. Attempting to Balance Phosphorus at Farm and Watershed Scales. Prairie Provinces Manure Management Conference, Winnipeg, Manitoba, Canada; 25-27 June.

**Sharpley, Andrew N.** 2007. Agricultural Management and Environmental Quality. Keynote Address. Prairie Provinces Manure Management Conference, Winnipeg, Manitoba, Canada. 25-27 June.

**Sharpley, Andrew N.** 2007. Phosphorus Management in Sustainable Livestock Production Systems. Conference titled, Sustaining Livestock Production Systems in South East Manitoba: Establishing Research and Extension Directions, Manitoba, Winnipeg, Canada. 06-09 Mar.

**Sharpley, Andrew N.** 2007. Agricultural Phosphorus and the Environment: Challenges to Science, Practice, and Policy. Public lecture, University of Manitoba, Winnipeg, Canada. 07 Mar.

**Sharpley, Andrew N.** 2007. Catchment Sensitive Farming for Production and Water Quality. Centre for Sustainable Water Management, The Lancaster Environment Centre, Lancaster University, Lancaster, England. 13 Feb.

**Sharpley, Andrew N.** 2007. Taking Research to the Farm: Discovery Farms for Arkansas. Arkansas Association of Conservation Districts Annual Meeting, Little Rock, AR. 11 Dec.

**Srivastava, V.** 2007. Title: Exon Methylation Leads to Transcriptional Silencing of Phytochrome A (phyA) Gene. 24th Symposium in Plant Biology, UC Riverside. 18-20 Jan.

**Srivastava, V.** 2007. Site-Specific Recombination for Precise and Clean Transgene Integration in Plant Genome. Oklahoma State University, Department of Biochemistry and Molecular Biology.

**Srivastava, V.** 2007. Site-Specific Recombination for Precise and Clean Transgene Integration in Plant Genome. Plant Transformation Technology Conference, Vienna, Austria, 04-07 Feb.

**Stephenson, IV, D.O.,** C.E. Wilson, P. Tacker, R.C. Scott, S.W. Lancaster, A.B. Beach, and J. W. Branson. 2007. Evaluation of a Furrow-Irrigated Rice Production System. *In* Annual meetings abstracts [CD-ROM]. South. Weed. Sci. Soc., Lawrence, KS.

**Stewart, J. McD.** 2007. Problems and Perceptions Associated with Biotech Cotton. Faisalabad, Pakistan. Mar.

**Stewart, J.McD.** 2007. Biotechnology: A Look into the Future. Presentation to the Regional Consultation Meeting on Biotech Cotton in Pakistan. Faisalabad, Pakistan. Mar.

**Stewart, J.McD.** 2007. Biotechnology: A Look into the Future. *In* Conference Proceedings - Regional Consultation on Biotech Cotton for Risk Assessment and Opportunities for Small Scale Cotton Growers (CFC/ICAC34FT). Common Fund for Commodities, Amsterdam, The Netherlands. Same article also published in the ICAC Recorder. p. 22-26.

**Stewart, J.McD.** 2007. Boll Development and Seed Rot. World Cotton Research Conference-4. Lubbock, TX.

Zhang, Jinfa, Fei Wang, Chen Niu, Wu Wang, Mingxiong Pang, Yingzhi Lu, Y. L. Yuan, S. X. Yu, R.G. Percy, **J. McD.Stewart,** M. Ulla, and R. G. Cantrell. 2007. Development of Gene Targeted AFLP Marker Systems and Their Applications in Cotton Genomics. World Cotton Research Conference-04. Lubbock, TX. Sept.



## Entomology

**Goggin, F.L.** 2007. Molecular bases of plant defenses against aphids. USDA-NRI Workshop, San Diego.

**Goggin, F.L.** 2007. Plant-aphid interactions: molecular and ecological perspectives. Science and Technology seminar series, Northeastern State University, Tahlequah.

**Goggin, F.L.** 2007. Plant defense against aphids: molecular and ecological perspectives. Department of Entomology seminar series, University of Florida, Gainesville.

**Goggin, F.L.** 2007. Plant-aphid interactions: molecular and ecological perspectives. USDA-NRI Arthropod Genomics workshop, San Diego.

**Johnson, D.** 2007. A better trap: chemical ecology of yeasts and green June beetle feeding aggregation behavior. Biology Department seminar series, University of Central Arkansas, Conway.

**Johnson, D.T.** 2007. Insect and disease management program for blackberry in Arkansas. Department of Entomology seminar series, Nanjing Agriculture University, Nanjing China.

**Johnson, D.T.** 2007. Pesticide safety and insect management program for peach and apple in Arkansas. Department of Entomology seminar series, Nanjing Agriculture University, Nanjing China.

**Luttrell, R.G.** and M.I. Ali. 2007. Bollworm (*Helicoverpa zea*) resistance monitoring in Bt cotton: The past, present, and future. Symposium, Entomological Society of America National Meeting, San Diego.

McKern, J.A. and **A.L. Szalanski.** 2007. Molecular forensic analysis of bed bug *Cimex lectularius* L. (Hemiptera: Cimicidae) bloodmeals. Symposium, Entomological Society of America National Meeting, San Diego.

**McLeod, P.** 2007. The Farmer to Farmer Program: Improving agriculture throughout the world. Winrock International FTF Program, Trinidad, Bolivia.

**McLeod, P.** 2007. Use on neonicotinoid insecticides for aphid management on overwintered spinach. Ozark Food Producers Association - Crop Protection Association, Springdale.

Obrycki, J.J., J.D. Harwood, R.J. O'Neil and **T.J. Kring.** 2007. Predation of homopteran pests by Coccinellidae: Evaluating levels of biological control. Symposium, Entomological Society of America National Meeting, San Diego.

Sadof, C.S., J. Vitullo, R.J. O'Neil and **R.N. Wiedenmann**. 2007. Using participatory research with master gardeners to change their behavior and get useful information. Symposium, Entomological Society of America National Meeting, San Diego.

**Steelman, C.D.**, R.T. Trout, J.A. McKern and A.L. Szalanski. 2007. Bed bugs and poultry: Insecticide resistance and genetics. Symposium, Entomological Society of America National Meeting, San Diego.

**Steinkraus, D.C.** 2007. Farmer-to-Farmer Program: Manejo integrado de plagas en la produccion de miel de abeja. El servicio National De Sanidad Agropecuaria, Santisima Trinidad, Bolivia.

**Steinkraus, D.C.** 2007. Honey bee nutrition: food for thought. Keynote Presentation, Arkansas Beekeeper's Association Annual Meeting, Mountain View, Arkansas.

**Steinkraus, D.C.** 2007. Interpreting results from the cotton aphid fungus sampling service. "Workshop: Precision Cotton - Decision Aids to Site-Specific Management". Proceedings 2007 Beltwide Cotton Conf., New Orleans.

**Steinkraus, D.C.** 2007. Probable causes of Colony Collapse Disorder in the United States. Beekeeping Association in Bolivia. Santa Cruz, Bolivia.

**Steinkraus, D.C.** and J. Zawislak. 2007. The cotton aphid fungus sampling service: how it benefits the grower. Proceedings 2007 Beltwide Cotton Conf., New Orleans.

**Stephen, F.M.** 2007. 50 years of SFIWC: its significance and meaning to a "maturing member". Plenary Address. Southern Forest Insect Work Conference, Jekyll Island, Georgia.

**Stephen, F.M.** 2007. Forest ecosystems: health, management and insects. International Forest Insect Research and Advisory Workshop, Breckenridge, Colorado.

**Stephen, F.M.** 2007. Population dynamics of red oak borer. Southern Forest Insect Work Conference, Jekyll Island, Georgia.

**Stephen, F.M.** 2007. Red oak borer: history and status of a dynamic insect outbreak. East Texas Forest Entomology Seminar, Nacogdoches, Texas.

**Stephen, F.M.** 2007. Red oak borer outbreak in the forests of Arkansas and Missouri: symptom or cause of declining forest health? Seminar, BOKU University, Institute of Forest Entomology and Pathology, Vienna, Austria.

**Stephen, F.M.** 2008. What's new in forest entomology research at the University of Arkansas? East Texas Forest Entomology Seminar 35<sup>th</sup> Anniversary, Nacogdoches, Texas. Invited.

**Stephen, F.M.,** M.K. Fierke, J.J. Riggins and L.J. Haavik. 2007. Red oak borer: Here today, gone tomorrow? International Union of Forest Research Organizations Conference, Natural enemies and other multi-scale influences on forest insects, Vienna, Austria.

**Szalanski, A.L.** 2008. Biodiversity of termites from the Americas. Symposium, National Conference of Urban Entomology.

**Szalanski, A.L.** 2008. Genetic diversity of *Reticulitermes* termites from western United States. Symposium, National Conference of Urban Entomology.

**Szalanski, A.L.** 2007. Phylogeography and population genetics of bed bugs *Cimex lectularius* L. (Hemiptera: Cimicidae) from North America. Symposium, Entomological Society of America National Meeting, San Diego.

**Wiedenmann, R.N.** 2007. Biological control of purple loosestrife and the interplay between discovery and applied science. Department of Entomology seminar series, University of Kentucky.

**Wiedenmann, R.N.** 2007. From applied to basic and back again: biological control of purple loosestrife and the interplay between discovery and applied science. Centre College seminar series, Danville, Kentucky.

**Wiedenmann, R.N.** 2007. From applied to basic and back again: the twists and turns of a weed biological control project. Department of Entomology seminar series, Kansas State University.

**Wiedenmann, R.N.** 2007. Entomology and what entomologists do. Department of Biology seminar series, University of Arkansas – Pine Bluff.

**Wiedenmann, R.N.** 2007. The twists and turns of a weed biological control project. Invited Seminar, Department of Biology seminar series, Arkansas Tech University, Russellville.

### **SCIENTIFIC MEETINGS:**

#### **Food Science**

**Bautista, R.C.,** Siebenmorgen, T.J., et al. 2007. Optimal harvest moisture contents for maximizing milling quality. Rice Research and Extension Center Field Day. Stuttgart, AR. August 8.

Doerfert, D.L., **Edgar, L.D.**, & Miller, R.P. (2007) How do we value water? A multistate perspective. American Water Resources Association. Albuquerque, NM.

Hale, M.D., Graham, D.L., & **Johnson, D.M.** (2007). An assessment of academic advising in the Dale Bumpers College of Agricultural, Food and Life Sciences. *Paper presented at the 2007 American Association for Agricultural Education Southern Region Conference*, Mobile, AL.

Hardin, M.K., Roller, M.R., Brown, T.M., **Johnson, D.M.** and **Wardlow, G.W.** (2007) Effects of No. 2 petroleum diesel, B20 and B100 on compact tractor performance, efficiency and emissions. *Proceedings of the 2007 American Society of Agricultural and Biological Engineers Annual Meeting* (ASABE Paper #078026).

Hardin, M.K., Roller, M.R., **Johnson, D.M.** and **Wardlow, G.W.** (2007). Tractor performance and NOx emissions with diesel, B20 and B100 fuels. *Poster presented at the Agricultural Equipment Technology Conference held in Louisville, KY.*

Hudson, G.T., Shofner, R.W., **Johnson, D.M.**, and **Wardlow, G.W.** (2007). Evaluation of three guidance methods for parallel swathing at two field speeds. *Proceedings of the 2007 American Society of Agricultural and Biological Engineers Annual Meeting* (ASABE Paper #071088).

**Hettiarachchy, N.S.** Horax, R., M. Jalaluddin. 2007. How effective are the bitter melon phenolic extracts in inhibiting lipid oxidation? Third biennial International meeting of the society for free radical research – Asia (SFRR-Asia) and Sixth Annual Meeting of the society for free radical research. Lonavala, India. January 8-11.

**Hettiarachchy, N.S.**, Horax, R. 2007. Proteins and bio-peptides in health and disease. Third biennial International meeting of the society for free radical research – Asia (SFRR-Asia) and Sixth Annual Meeting of the society for free radical research. Lonavala, India. January 8-11.

**Howard, L.** 2007. Processing effects on berry polyphenolics. Berry Health Benefits Symposium. Corvallis, OR. June 12.

**Howard, L.** 2007. Processing effects on berry polyphenolics. Florida Postharvest Horticulture Roundtable. Gainesville, FL. January 12.

**Howard, L.** 2007. Processing effects on berry polyphenolics. Second International Symposium on Human Health Effects of Fruits and Vegetables. Houston, TX. October 13.

**Howard, L.** 2007. Processing effects on berry polyphenolics. Second International Conference on Fruit, Vegetable and Potato Processing. Gent, Belgium. November 5.

**Johnson, D.M.** (2007). Integrating precision technologies into a machinery management course. *Paper presented at the 2007 Annual International Meeting of the American Society of Agricultural and Biological Engineers*, Minneapolis, MN. (ASABE Paper #078035).

Panach, M.A., **Miller, J.D. & Cox, C.K.** (2007). Improving Arkansas' 4-H state O'rama agricultural communications events. *Poster presentation at the Southern Region Agricultural Education Research Conference*, Mobile, AL, May 16-18, 2007.

**Johnson, M.G.** 2007. Food Safety of Fresh Produce. Extension Horticulture, Dept of Horticulture, UAF/AG Div.

**Meullenet, J-F.** 2007. Food material properties, tooth form and jaw movements in human mastication. Perspectives on the perception of food texture. 8<sup>Th</sup> International Congress of Vertebrate Morphology. Paris, France. July 21<sup>st</sup>.

**Meullenet, J-F.** 2007. Prediction of poultry breast meat tenderness from instrumental texture measures: A road map. ASTM Committee Meeting. Norfolk, VA. April 17.

**Meullenet, J-F.,** T.J. Siebenmorgen, M.I. Saleh and R. Bautista. 2007. Application of NIR technology to the assessment of rice quality. AACCC International Annual Meeting. San Antonio, TX. October 8<sup>th</sup>.

**Morris, J.R.** 2007. Evaluation of wines made from new cultivars to the Midwest Grape and Wine Conference at Osage Beach MO. February 5.

**Morris, J.R.** 2007. The Future of Muscadines, at the Florida Grape Grower's Assoc. annual meeting in Ocala FL, January 2007

**Purcell, S.** and Wang, Y.-J. 2007. Coating Composition and Process for Bake-only Chicken Nuggets: Faux Fried Concept. Grain Processing Corporation. Muscatine, Iowa. October 1.

**Ricke, S.R.** 2007. "Alternative Molt Diets for Control of *Salmonella enteritidis* Infection in Laying Hens" Pennsylvania Poultry Sales and Service Conference, Lancaster, PA. September 19.

**Ricke, S.R.** 2007. "Development of Whole Cell Biosensors for Assessing Lysine Availability in Foods and Feeds" Pennsylvania State University - Poultry Science Dept., University Park, PA. September 21.

**Ricke, S.R.** 2007. "Rapid Noninvasive Methods for Evaluation of Amino Acid Availability in Poultry Diets" Pennsylvania Poultry Sales and Service Conference, Lancaster, PA. September 18.

**Ricke, S.R.** 2007. "Susceptibility of Laying Hens to Infection by *Salmonella* Enteritidis" Arkansas Veterinary Medical Association Winter Meeting - 100<sup>th</sup> Anniversary, Double Tree Hotel, Little Rock, AR. February 9.

**Siebenmorgen, T.J.** 2007. Rice degree of milling. Annual Meeting of the Arkansas Driers and Warehousemen's Association, Tunica, MS. February 22-23.

**Siebenmorgen, T.J.** 2007. Update on project: Railcar Shipment of Rice. Riceland Foods, Jonesboro, AR. February 23.

**Siebenmorgen, T.J., et al.** 2007. Economics of harvest moisture content: Milling quality and drying costs. Rice Research and Extension Center Field Day. Stuttgart, AR. August 8.

**Wang, Y.-J.** 2007. From Grain to ethanol – What we can learn from beer production. Iowa State University. Ames, Iowa. October 31.

**Wang, Y.-J.** 2007. Rice variety and structure – Their impacts on physicochemical properties. Grain Processing Corporation. Muscatine, Iowa. October 1.

**Wang, Y.-J.** 2007. Starch and starch derivatives for industrial and pharmaceutical applications. National Taiwan Ocean University. Keelung, Taiwan. June 21.

#### **INDUSTRY OR EXTENSION MEETINGS:**

**Crandall, P.** 2007. Increasing the Safety of Organic Poultry. Mr. Feland, Legislative Assistant to Senator Mark Pryor for Agricultural Appropriations. August 23.

**Hager, T.J.,** Prior, R.L. and Howard, L.R. 2007. Metabolites of blackberry anthocyanins as evaluated by multiple reaction monitoring (MRM) transitions. Experimental Biology Annual Meeting.

**Hettiarachchy, N.** 2007. DSM and Riceland Foods, Stuttgart – Interest in rice endosperm protein production. Introduced Riceland Foods Inc. to DSM scientist (Switzerland) when the scientist visited the department in July. This visit opened the door for Riceland to interact with DSM for possible Rice protein production in their facility.

**Hettiarachchy, N.S.** 2007. Glycosylation and Deamidation of Rice Endosperm Protein for Improved Emulsifying Properties. Report. DSM. Switzerland. February 7.

**Hettiarachchy, N.S.** 2007. Rice protein isolates for DSM evaluation 9 products and report. DSM. Switzerland. January 24.

- Hettiarachchy, N.S.** 2007. Ten rice protein isolates for DSM evaluation and Report. DSM. Switzerland. July 23-26.
- Hettiarachchy, N.S.** Endosperm rice protein functional property enhancement. DSM visit to U of A. July 23-26.
- Proctor, A.** 2007. High CLA soy oil production by photoisomerization. USDA-NRI grant AD-421 Progress Report. October.
- Proctor, A.** 2007. High-Conjugated Linoleic Acid (CLA) Soy Oil Quality. Research Report August 2007. Arkansas Soy Promotion Board.
- Proctor, A.** 2007. High-Conjugated Linoleic Acid (CLA) Soy Oil Quality. Research Report December 2007. Arkansas Soy Promotion Board.
- Proctor, A.** 2007. Prevention and control of coronary heart disease by dietary antioxidant stabilization of low-density lipoproteins. Research Report. July. Arkansas Biosciences Institute.
- Siebenmorgen, T.J.** et.al. 2007 Pilot-scale fluidized bed drying tests—milling quality. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** et.al. 2007. A study of railcar shipment of milled rice to cold climates. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** et.al. 2007. Milled rice fissuring rates under closely controlled air conditions. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** et.al. 2007. Milling quality variation due to harvest MC—5-yr study. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** et.al. 2007. Pilot-scale fluidized bed drying tests—drying rates. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** et.al. 2007. Validating SLC NIR calibration using commercial samples. Rice Processing Program Industry Alliance Meeting. Fayetteville, AR.
- Siebenmorgen, T.J.** 2007. Causes of fissure formation in milled rice. Kellogg Company, Battle Creek, MI. September 27.
- Siebenmorgen, T.J.** 2007. Economics of harvest moisture content. Riceland Foods. Stuttgart, AR. August 1.

**Ricke, S.R.** 2007. "Increasing the Safety of Organic Poultry". Presentation to Mr. Feland, Legislative Assistant to Senator Mark Pryor for Agricultural Appropriations. August 23.

**Ricke, S.R.** 2007. "Microbial Ecology of *Salmonella* in Feed Deprived Molted Birds" Gut Microbiology Journal Club, Food Science Dept., Purdue University, West Lafayette, IN, October 31.

**Ricke, S.R.** 2007. "Control of *Salmonella* Enteritidis Infection in Laying Hens" Cobb-Vantress Incorporated, Siloam Springs, AR. May 17.

**Ricke, S.R.,** P. Crandall, C.A. O'Bryan and V.I. Chalova. 2007. Effective and Economical Reduction of Salmonella and other Food Pathogens in Poultry. Executive team at MBA poultry. Waverly, NE.

### **Human Environmental Sciences**

Schuchardt, J., D.C. Bagwell, **W.C. Bailey**, S.A. DeVaney, J.E. Grable, I.E. Leech, J.M. Lown, D.L. Sharpe and J.J. Xiao. (2007). Defining our multi-discipline field. AFCPE Annual Meeting. Tampa, FL.

Z.K. Moon and **F.L Farmer**. (2007). Demographic change and Arkansas extension leadership. University of Arkansas Extension Leadership Development Group. Stuttgart, Arkansas.

**Fitch-Hilgenberg, M.E.** and G. Pillai. (2007). Effects of smoking on plasma vitamin C and vitamin E levels of females in different age groups. American Dietetic Association. Philadelphia, PA.

**Harrington, R.J.** (2007). Culinary tourism. Regional Meeting of the Institute of Food Technologists. Fayetteville, Arkansas.

**Martin, S.S.** (2007). Overview of brain development with emphasis on providing a nurturing environment to facilitate learning. North Central Arkansas Child Care Association Annual Conference. Batesville, Arkansas.

**Martin, S.S.** (2007). Brain development. 2<sup>nd</sup> Annual Northwest Arkansas Spring Child Care Conference. Springdale, Arkansas.

**Moore, C.K.** (2007). D.I.E.T.: Did I eat that? Fayetteville Public Schools Food Service Employers Workshop. Fayetteville, Arkansas.



## **Horticulture**

**Clark, J.R.** 2007. Adding Fruit Plants to Your Home Landscape. Arkansas Flower and Garden Show, Little Rock. (invited)

**Clark, J.R.** 2007. Toward the perfect blackberry in cultivar development. SR-ASHS, Mobile. (invited)

**Clark, J.R.** and P. Perkins-Veazie. 2007. Improving shelf life of blackberries through conventional breeding. SR-ASHS, Mobile. (invited)

**Clark, J.R.** 2007. Blackberries: An American native. International Master Gardener Conference, Little Rock. (invited)

**Clark, J.R.** 2007. Blackberry variety development at the University of Arkansas – achievements and prospects. Hargreaves Plants Blackberry Focus Day, Paddock Wood, Kent, UK. (invited)

**Clark, J.R.** 2007. Blackberry varieties: Present and future. Special Seminar, Catholica Univeristy, Santiago, Chile. (invited)

**Clark, J.R.** 2007. Blueberry breeding in the United States – current situation and future prospects. Japanese Blueberry Assn., Tokyo. (invited)

**Clark, J.R.** 2007. Eastern table grape breeding. ASHS Annual Conference, Scottsdale. (invited)

**Clark, J.R.** 2007. Fruit breeding in the U.S.: Program trends and intellectual property rights impacts. East Malling Research Seminar Series, East Malling, Kent, UK. (invited)

**Clark, J.R.** 2007. How to get the most out of an ASHS meeting. ASHS Annual Conference, Scottsdale. (invited)

**Clark, J.R.** 2007. Introduction to the workshop: The time is now for horticulture – the Specialty Crops Initiative. ASHS Annual Conference, Scottsdale. (invited)

**Clark, J.R.** 2007. Licensing, policing, and germplasm sharing for clonally propagated plants. National Sweet Potato Collaborators Annual Meeting, Mobile. (invited)

**Clark, J.R.** 2007. Regional, national, and world outlook for blackberries with comments on new breeding advances. Sunnyridge Farm Growers' Conference, Amelia Island, Fla. (invited)

**Evans, M.R.** 2007. Designing Disease Suppressive Growing Media. Arkansas Green Industries Expo. Hot Springs, AR. (invited)

- Evans, M.R.** and Cavins, T. 2007. A Countdown of the Top 20 Growing Media Problems. Ohio International Short Course. Columbus, OH. (invited).
- Evans, M.R.** 2007. Twenty Ways To Improve Your Growing Media. BFG Midwestern Hort Expo. Kansas City, MO. (invited)
- Evans, M.R.** 2007. Top Twenty Growing Media Questions. East Texas Greenhouse Growers Annual Educational Meeting. Tyler, TX. (invited)
- Evans, M.R.** 2007. Successfully Using PBH as a Root Substrate Component. North Dakota Greenhouse Growers Meeting. Minot, ND. (invited)
- Evans, M.R.** 2007. Designing and Handling Growing Media. North Dakota Greenhouse Growers Meeting. Minot, ND. (invited)
- Garcia, M. E.** 2007. Apple cultivar selections for organic orchards in the Northeast. Apple Field Day. University of Vermont (invited).
- Garcia, M.E.** 2007. Horticultural Options when Starting an Organic Apple Orchard. New England Fruit and Vegetable Growers Conference. Manchester, NH. (invited)
- Karcher D.** 2007. Wetting agents. 13<sup>th</sup> Annual Golf Course Property Manager's Conference. Red Deer, Alberta, Canada. (invited)
- Karcher, D.** 2007. Digital imaging analysis to assess stress in turfgrass and other crop species. HortScience. 42(4):p. 815. (invited)
- Morelock, T.E.** 2007. Breeding Cowpeas, Spinach and Collards. Seminar to plant breeding faculty and students at University of Wisconsin, Madison, June 6, 2007. (invited)
- Patton, A.J.** 2007. Maintaining bermudagrass athletic fields. Kansas Sports Turf Seminar, Manhattan, KS. (invited)
- Patton, A.J.** 2007. Maintaining bermudagrass athletic fields. Kansas Sports Turf Seminar, Wichita, KS. (invited)
- Patton, A.J.** 2007. Maintaining bermudagrass athletic fields. Kansas Sports Turf Seminar, Olathe, KS. (invited)
- Patton, A.J.** 2007. Establishing seeded zoysiagrass. McCurdy turf day, Jackson, TN. (invited)

**Richardson, M.D.** 2007. Cultivar and cultural factors affecting ball lie. Southwest Turfgrass Conference. Ruidoso, NM. (invited)

**Richardson, M.D.** 2007. Moss control on bentgrass putting greens. Southwest Turfgrass Conference. Ruidoso, NM. (invited)

**Richardson, M.D.** 2007. Foliar feeding – understanding the science. Southwest Turfgrass Conference. Ruidoso, NM. (invited)

**Richardson, M.D.** 2007. Maximizing the new seeded warm-season grasses. Scotts/Pure-Seed Testing Field Day. Rolesville, NC. (invited – keynote speaker)

**Richardson, M.D.** 2007. Seeding warm-season grasses. Middle Tennessee Golf Course Superintendent Association Education Seminar. Nashville, TN. (invited)

**Richardson, M.D.** 2007. New sod certification rules. Arkansas Turfgrass Association Conference. Hot Springs, AR. (invited)

**Richardson, M.D.** 2007. UofA research update. Arkansas Turfgrass Association Conference. Hot Springs, AR. (invited)

**Richardson, M.D.** 2007. Marketing natural grass athletic fields. Heartland Green Industry Expo. Overland Park, KS. (invited)

**Richardson, M.D.** 2007. Controlling moss on bentgrass putting greens. Tennessee Turfgrass Association. Franklin, TN. (invited)

**Richardson, M.D.** 2007. Seeded bermudagrasses – you can have it all. Tennessee Turfgrass Association. Franklin, TN. (invited)

**Richardson, M.D.** 2007. Foliar feeding for golf courses. Virginia Turf and Landscape Conference. Fredericksburg, VA. (invited)

**Richardson, M.D.** 2007. Foliar feeding for athletic fields. Virginia Turf and Landscape Conference. Fredericksburg, VA. (invited)

**Richardson, M.D.** 2007. Updated strategies in irrigation management. Virginia Turf and Landscape Conference. Fredericksburg, VA. (invited)

**Richardson, M.D.** 2007. Utilizing seeded bermudagrasses on athletic fields. Virginia Turf and Landscape Conference. Fredericksburg, VA. (invited)

**Rom, C.R.** 2007. Organic Fruit Research Update. 26<sup>th</sup> Annual meeting of the Arkansas-Oklahoma Horticulture Industries Show, Fort Smith, AR. (invited)

### **Plant Pathology**

**Kirkpatrick, T. L.,** and W.S. Monfort. 2007. Management of nematodes in cotton: Novel and conventional strategies for managing nematodes in cotton with nematicides. Joint meeting of the American Phytopathological Society and the Society of Nematologists. July 28-August 1. San Diego, CA.

**Kirkpatrick, T. L.** and W.S. Monfort. 2007. Advances in nematode management in cotton: Innovations in chemical control. 4<sup>th</sup> World Cotton Research Conference. September 10-14. Lubbock, TX.

**Kirkpatrick, T.L.** 2007. Cultivar evaluation for resistance to stem canker. 2007 Soybean Breeders'/Pathologists Workshop. February 19-20. St. Louis, MO.

**Monfort, W. S.** Invited Speaker at North Dakota State University for the graduate nematology course (**752 Plant Nematology 2**) taught by Dr. **Gary A. Secor** in the department of plant pathology in October 2007.

**Monfort, W. S.** Invited Speaker at the State Farm Bureau Conference. Soybean Rust in Arkansas in 2007, Little Rock, AR, 11/29/2007.

**Rothrock, C. S.,** Colyer, P.D., Buchanan, M. L. and Gbur, E. E. 2007. Cotton seedling diseases: Importance, occurrence and chemical control. World Cotton Research Conference-4, Sept. 10-14, Lubbock, TX.

**Rupe, J.C.** 2007. Sudden Death Syndrome: Pathology 2007. Soybean Breeders Meeting, St. Louis, MO.

**Rothrock, C. S.,** Colyer, P.D., Buchanan, M. L. and Gbur, E. E. 2007. Cotton seedling diseases: Importance, occurrence and chemical control. World Cotton Research Conference-4, Sept. 10-14, Lubbock, TX.

Wilfrida and **R. T. Robbins.** 2007. The who, what, and where of Longidoridae and Trichodoridae. *Phytopathology* 97: No. 7 (supplement) 133.

## **Poultry Science**

**Bramwell, R. K.**, 2007. Using sperm penetration values to evaluate breeder performance and reproductive efficiency. Poultry Science Association, Poultry Breeding and Hatchery Symposium, San Antonio, TX. July 9-12, 2007. *Poultry Science* 86 (Suppl.1): 978.

**Bramwell, R. K.**, 2007. Broiler breeder management and mating behavior. USDA S-1020 Regional Research Project, "Enhancing Reproductive Efficiency of Poultry (S285)". Jeckyl Island, GA. November 1-2.

**Donoghue, D. J.** Caprylic acid as a dietary supplement has therapeutic efficacy against enteric *Campylobacter jejuni* in chickens. 14<sup>th</sup> International Workshop on Campylobacter, Helicobacter and Related organisms. Rotterdam, Holland.

**Erf, G. F.** Animal model for autoimmune vitiligo: the Smyth line chicken. Vitiligo Support International, National Meeting, Williamsburg, VA (2007). *Presentation and panel discussion*.

**Erf, G. F.** Chicken model for spontaneous autoimmune vitiligo". National Vitiligo Foundation, Meet and Greet Patient Information Session; Chicago, IL (2007). *Presentation and panel discussion*.

**Erf, G. F.**, Webinar presentation and discussion on the Avian Immune System, Merial Select, Inc., January 11, 2007, estimated audience 99.

**Owens, C.M.** 2007. Multi-media modular-based poultry processing, products and food safety curriculum. Symposium on Technologies for Improving Curricula in Food Processing. Page 53. IFT Annual Meeting Technical Program Abstracts. Chicago, IL. July 29, 2007.

**Waldroup, P.W.**, 2007. Do Crude Protein Levels Really Matter? ASAIM Regional Feed Technology and Nutrition Workshop, Denpasar, Indonesia.

**Waldroup, P.W.**, 2007. Glycerine and DDGS – Byproducts of Biofuel Production for Use in Broiler diets. ASAIM Regional Feed Technology and Nutrition Workshop, Denpasar, Indonesia.

**Waldroup, P.W.** 2007. Poultry Feeding—What and why. National Committee on Industrial Farm Animal Production, Fayetteville AR. Feb. 13.

## **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

### **Agricultural Economics and Agribusiness**

**Armstrong, Andrew C., H. L. Goodwin Jr., and Sandra Hamm.** 2007. "Co-processed Poultry Litter and Dewatered Municipal Biosolids: Feasibility as an Alternative Management Approach for Surplus Waste." Selected Paper presented at Southern Agricultural Economics Association Annual Meeting, Mobile, Alabama, February 4-7.

Bautista, R., T. Siebenmorgen, **B. Watkins**, and **E. Wailes**. 2007. "Economics of Harvesting Rice at Various Moisture Contents." Presented at the Rice Processing Program Industry Alliance Meeting, The Continental Hotel, Fayetteville, Arkansas, May 23-24.

Counce, P., **B. Watkins**, K. Brye, and T. Siebenmorgen. 2007. "Drying Rice by Growth Stages." Presented at the 2007 Rice Research & Extension Center Field Day, August 8.

**Das, Biswaranjan and Daniel V. Rainey.** 2007. "Is Attracting Retirees a Sustainable Rural Economic Development Policy?" Selected Paper presented at Southern Agricultural Economics Association Annual Meeting, Mobile, Alabama, February 4-7.

**Dixon, Bruce L., Bruce L. Ahrendsen, Monica Foianini, Sandy Hamm, and Diana Danforth.** 2007. "Competing Risk Proportional Hazard Models of Farm Service Agency Direct Operating Loans." Presented at Regional Research Committee NC-1014, St. Louis, MO, October 4-5.

**Dixon, Bruce L., Bruce L. Ahrendsen, Monica Foianini, Sandy Hamm, and Diana Danforth.** 2007. "Competing Risk Duration Models of Farm Service Agency Direct Loans." Presented at the Hawaii International Conference on Business in Honolulu HI, May 24-27.

Gadberry, S., M. Anders, P. Beck, and **B. Watkins**. 2007. "Impact of Conservation Tillage Practices on Winter Wheat Production for Grazing Stocker Cattle." University of Arkansas Division of Agriculture, Cooperative Extension Service, Fact Sheet No. FSA3116, April.

**Goodwin, Jr., H. L., Andrew M. McKenzie and Sandra J. Hamm.** 2007. "The Broiler-Corn Ratio: Is it an Indicator of Fattened Broiler Profits?" Selected Paper presented at the American Agricultural Economics Association Annual Meeting, Portland, Oregon, July 29-August 1.

**Griffin, Terry.** 2007. "Arkansas Agriculture Trends: What Can Farmers do to Market Their Products Better." Invited lecture to Professor Christiane Schroeter's class at Arkansas State University, Jonesboro, Arkansas, April 12.

**Griffin, Terry**, Craig Dobbins and Jess Lowenbery-DeBoer. 2007. "Case Study Evidence of New Opportunities for Farm Management Specialists in Spatial Analysis of On-farm Trial Data." Presented to the National Farm Management Conference, Rochester, MN, June 12-14.

**Griffin, Terry**, Craig Dobbins and Jess Lowenberg-DeBoer. 2007. "The Case Study of On-farm Experiments and Farm Management Decision Making." Selected Paper presented at American Agricultural Economics Association Annual Meeting, Portland, OR, July 29-August 1.

**Hignight, J., E. Wailes, R. Hogan, and B. Watkins.** 2007. "H.R. 2419 and USDA 2007 Farm Bill Proposal Impacts on Arkansas Representative Farms" Report prepared for members of the U.S. Congress representing the State of Arkansas, August 29.

**Kemper, Nathan, H. L. Goodwin, Jr. and Sandra Hamm.** 2007. "The Economic Potential of Composting Breeder and Pullet Litter with Eggshell Waste." Selected Paper presented at the Southern Agricultural Economics Association Annual Meeting, Mobile, Alabama, February 4-7.

Newton, D. and **J. Popp.** 2007. Tracking the Status and Concerns of Agricultural Economists. Selected Preliminary Results of the Government Survey. Organized Symposium presentation. American Agricultural Economics Association annual meetings, Portland, OR, July 29-31.

**Popp, J., and G. Rodriguez.** "The Role of Stakeholders' Perceptions in Addressing Water Quality Disputes in an Embattled Watershed." Southern Agricultural Economics Association annual meetings, Mobile, AL, Feb. 3-7.

**Popp, Jennie, German Rodriguez,** Edward Gbur and John Pennington. 2007. "How Attitudes of Important Stakeholder Groups Can Influence Effective Water Quality Management." Selected paper presented at the American Agricultural Economics Association Annual Meeting, Portland, OR, July 30-August 1.

**Popp, J., H. G. Rodriguez,** E. Gbur and J. Pennington. 2007. "The Role of Stakeholders' Perceptions in Addressing Water Quality Disputes in an Embattled Watershed." Selected paper at the National Conference on Agriculture & Natural Resource Conservation & Management Dover, DE, Feb. 22-24.

**Popp, J.** 2007. "Current Status of Women in Agricultural Economics." Organized Symposium presentation. American Agricultural Economics Association annual meetings, Portland, OR, July 29-31

**Popp, J.** 2007. "Tracking the Status and Concerns of Agricultural Economists. Selected Preliminary Results of the Academic Survey." Organized Symposium presentation. American Agricultural Economics Association annual meetings, Portland, OR July 29-31.

**Popp, J., H. Rodriguez,** E. Gbur and J. Pennington. 2007. “How Attitudes of Important Stakeholder Groups Can Influence Effective Water Quality Management.” Selected paper at the American Agricultural Economics Association annual meetings, Portland, OR, July 29-31.

**Popp, J., and G. Rodriguez.** 2007. “The Role of Stakeholders' Perceptions in Addressing Water Quality Disputes in an Embattled Watershed.” Southern Agricultural Economics Association annual meetings, Mobile, AL, Feb 3-7.

**Popp, J., H. Rodriguez,** E. Gbur and J. Pennington. 2007. “How Attitudes of Important Stakeholder Groups Can Influence Effective Water Quality Management.” Selected paper at the American Agricultural Economics Association annual meetings, Portland, OR, July 29-31.

**Popp, M.** 2007. “Assessment of Alternative Fuel Production from Switchgrass: An Example from Arkansas”. Invited Paper presented at the Southern Agricultural Economics Association Annual Meetings in Mobile, AL, Feb. 4-7.

**Rainey, Daniel V., and Biswaranjan R. Das.** 2007. “Measuring the Incidence of the New Food Tax in Arkansas: A Computable General Equilibrium Approach” Final Report to Policy Issues and Education Center. October.

**Rainey, R. and M. Thomsen.** 2007. “Developing and Marketing Value-Added Horticultural Products.” Selected Poster Presented at the Annual Meetings of the Food Distribution Research Society. New Orleans, LA, November 3-7.

**Rodriguez, G. J. Popp,** L. Ribera, I. Chaubey and B. Schaffer. 2007. “Implementation of Best Management Practices under Cost Risk to Control Phosphorus Pollution in a Crop Based Watershed in Arkansas.” Selected paper at the National Conference on Agriculture & Natural Resource Conservation & Management Dover, DE, Feb. 22-24.

Schroeter Christiane and **R. I. Carreira.** 2007. “Childhood Obesity in the U.S.: How Effective Are School Prevention.” Selected Paper presented at American Agricultural Economics Association Annual Meetings, Portland, Oregon, July 29-August 1.

Siebenmorgen, T., R. Bautista, **B. Watkins, E. Wailes,** and P. Counce. 2007. “Milling Quality and Drying Costs: Economics of Harvesting Rice at Different Moisture Contents.” Presented at the 2007 Rice Research & Extension Center Field Day, August 8.

**Thomsen, M. R.** 2007. “Economics of Regulating Food Recalls.” Research Update Presented at the Annual Meetings of the Food Distribution Research Society, New Orleans, LA, November 3-7, 2007.



Verhelst, P. X. Gellynck and **J. Popp**. 2007. "Reducing Mixed Household Solid Waste: Assessment Of Policy Strategies In The Flemish Region Of Belgium." Selected paper presented at the 22rd International Conference on Solid Waste Technology and Management, Philadelphia, PA, March 18-21.

**Wailes, Eric** and **Ed Chavez**. 2007. "International Rice." Hand-out and oral presentation at the FAPRI Baseline Review, Washington, D.C., December 13-14.

**Wailes, E., B. Watkins, R. Carreira, and J. Hignight**. 2007. "Economics of Delta Row Crop Agriculture." Presented to the Joint Arkansas Senate and House Committees on Agriculture, Forestry and Economic Development, Technology Center for the Delta, Wynne, Arkansas, October 31.

**Wailes, E.** 2007. "Towards a 2007 Farm Bill: Implications for Arkansas Rice." Arkansas Rice Conference. Wynne, AR, February 13.

**Watkins, B., J. Hill, and M. Anders**. 2007. "Economic Analysis of No-Till Rice in Arkansas." Presented at the 2007 Rice Research & Extension Center Field Day, August 8.

### **Agriculture Statistics Laboratory**

Amuri, N., K. Brye, **E. Gbur** and T. Verkler (2007). Multi-year alternative residue management practice effects on plow-layer SOM and soybean yield in a wheat-soybean double crop production system in Eastern Arkansas. American Society of Agronomy annual meeting.

Kelly, J, **E. Gbur** and D. Graham (2007). Utilizing the College Student Inventory as a predictor of academic success for students in a college of agriculture and related disciplines. American Society of Agronomy annual meeting.

Kelly, J, **E. Gbur** and D. Graham (2007). Predicting academic success of college freshman. Arkansas Counseling Association annual meeting.

Kenyon, S.L., C.P. West, B.C. Grigg and **E.E. Gbur** (2007). Greenhouse evaluation of novel endophyte-tall fescue associations for drought tolerance. American Society of Agronomy annual meeting.

Popp, J., G. Rodriguez, J. Pennington and **E. Gbur** (2007). The role of stakeholders' perceptions in addressing water quality disputes in an embattled watershed. National Conference on Agriculture and Natural Resources Conservation and Management.

Popp, J., G. Rodriguez, J. Pennington and **E. Gbur** (2007). How attitudes of important stakeholder groups can influence effective water quality management. American Agricultural Economics Association annual meeting. (*Selected paper*)

Robbins, R.T., E. Shipe, P. Arelli, P. Chen, G. Shannon, L. Rakes, L.E. Jackson, **E.E. Gbur** and D.G. Dombek (2007). Reniform nematode reproduction on soybean cultivars in tests conducted in 2006. Beltwide Cotton Conferences.

Rothrock, C.S., P.D. Colyer and **E.E. Gbur** (2007). Developing a decision-aid for the use of fungicides at planting on cotton. Beltwide Cotton Conferences.

Rothrock, C.S., P.D. Colyer and **E.E. Gbur** (2007). Development of an on-line producer friendly decision-aid for the use of in-furrow fungicides. Cotton Foundation Final Report.

Rothrock, C.S., P.D. Colyer, **E.E. Gbur** and M.L. Buchanan (2007). Cotton seedling diseases, importance, occurrence and chemical control. World Cotton Research Conference.

Rothrock, C.S., T.L. Kirkpatrick and **E.E. Gbur** (2007). Characterizing within field distribution and microenvironment of cotton affected by the interaction between nematodes and the black root rot pathogen, *Thielaviopsis basicola*. Cotton Board Report.

Bautista R. C., T. J. Siebenmorgen, J.F. Meullenet, P. Counce, J. Gibbons, K. Moldenhauer, R. Morawicki, and **A. Mauromoustakos** (2007). Rice property characterization database. Rice Technical Working Group annual meeting.

Gardisser D., R. E. Wolf, S. Bretthauer and **A. Mauromoustakos** (2007). Enhancing low volume fungicide applications on corn with additives. ASABE annual meeting.

**Mauromoustakos, A.** (2007). Creating an interactive learning environment using SRS. MAIX Conference, Crete, Greece.

**Mauromoustakos A.**, V. Fasoula and **K. Thompson** (2007). Multivariate exploration and analysis of crop yield components for optimal selection in honeycomb designs. Joint Statistical Meetings.

Onofre F.O., Y.J. Wang and **A. Mauromoustakos** (2007). Evaluation of chemically modified starches as sustained-release agents in monolithic tablets. 34th Annual Meeting of the Controlled Release Society.

Onofre F. O., Y.J. Wang and **A. Mauromoustakos** (2007). The sustained release properties of chemically modified starches. AACC International Meeting.

## **Animal Science**

Allen, V. G., **D. Philipp**, W. Craddock, P. Brown, and R. Kellison. 2007. Water dynamics in integrated crop-livestock systems. Proc. Simpósio Internacional em Integração Lavoura-Pecuária. 13, 14, and 15 August, 2007. Curitiba, Parana, Brazil

**Beck, P. A.**, C. B. Stewart, D. Singh, and S. A. Gunter. 2007. Comparison of novel endophyte tall fescues for stocker cattle in southern Arkansas. Amer. Soc. Anim. Sci. Nat. Mtg. San Antonio, TX.

**Beck, P. A.**, S. A. Gunter, J. M. Phillips, and C. B. Stewart. 2007. Effects of planting date and glyphosate application before planting cool-season annual grasses into warm season grass sod on performance of stocker cattle. American Society of Animal Science Southern Section. Mobile, AL.

**Bell, Clayton W.** and A. Hayden Brown. 2007. Demographic and Social Effects of People's Perceptions of Domesticated Animals. *Discovery* 8:19-28.

**Bradley, C.L.**, J.W. Frank, C.V. Maxwell, Z.B. Johnson, J.G. Powell, S.R. Van Amstel, and T.L. Ward. 2007. Characterization of claw lesions associated with lameness in the University of Arkansas sow herd. AAES Research Series 553:106-108.

**Brown, Jr., A. H.**, T. Z. Yazwinski, Z. B. Johnson, J. G. Powell, J. L. Reynolds, S. T. Dewey, and C. W. Rowe. 2007. Sire effects and phenotypic variation for temperament scores and fecal egg counts in Angus cattle. *J. Anim. Sci. (Suppl. 2):4*.

**Cantrell, A.**, Jack, N. ed. 2007. Equine Gastric Ulcer Syndrome, Arkansas Thoroughbred Breeders and Horsemen's Association Newsletter.

**Evans, P.** and N. Jack, 2007. Aging Horses By Their Teeth. Utah State Cooperative Extension Fact Sheet. AG/Equine/2007-06pr.

**Jack, N.** ed. 2007. The Equine Newslite. [www.equinenewslite.org](http://www.equinenewslite.org)

**Jogan, K.**, N. Jack and D. Herring. 2007. Can a university produced horse camp for children be considered a recruiting tool? In Proc. Southern Region Am. Assn. for Ag. Ed.

**Jogan, K.**, and N. Jack. 2007. Can a university produced horse camp for children be considered a recruiting tool for animal science? Page 193 - 194. In Proc. 20th Equine Science Society, Hunt Valley MD.

**Jogan, K.**, N. Jack, and K. Jogan. 2007. Developing and implementing exam review using game show format. Page 211 - 212. In Proc. 20th Equine Science Society. Hunt Valley MD.

**Johnson, Z.B.** 2007. Prediction of number born alive and weaning weight of litter in first parity using performance test traits in four breeds of swine. J. Anim. Sci. 85(Suppl. 1):479.

**Johnson, Z.B.**, A.H. Brown, Jr., and S.T. Dewey. 2007. A comparison of weaning ratio in five breeds of cattle. AAES Research Series 553:10-12.

**Kreider, D.**, K Coffey, J Caldwell, W Coblenz, T Montgomery, W Whitworth, R McNew, and R Ogden. Reproductive performance, blood urea nitrogen, and blood glucose concentration in beef heifers grazing annual ryegrass in the spring and supplemented at different intervals prior to timed AI. Mid West Meeting, American Society of Animal Science, Des Moines Iowa, March, 2007.

**Martin, C.L.**, J.W. Frank, Z.B. Johnson, G.M. Weiss and C.V. Maxwell. 2007. Effect of feeding alfalfa on nursery pig growth performance. AAES Research Series 553: 103-105.

**McKenzie, L.**, and N. Jack. 2007. Equine behavior and training manual needs assessment study. Page 292 - 293. In Proc. 20th Equine Science Society. Hunt Valley MD.

Pereira, J. A. C., J. H. Landivar, **A. H. Brown, Jr.**, Z. B. Johnson, and D. W. Kellogg. 2006. Influence of the reproductive system on gestation length and birth weight of Nelore Cattle in the sub-tropical area of Bolivia. J. Anim. Sci. 84(Suppl. 1):15.

**Person, C.N.**, T.D. Lester, M.D. Person and R.W. Rorie. 2007. Effects of penicillamine, hypotaurine and epinephrine (PHE) on post-thaw bovine sperm parameters, as measured by computer-assisted sperm analysis. Arkansas Agricultural Experiment Station (AAES) Research Series 55:49-52.

**Person, C.N.**, T.D. Lester, M.D. Person and R.W. Rorie. 2007. Computer-assisted analysis of sperm parameters after selection of motile sperm by either percoll gradient, filtration or swim-up procedures. Arkansas Agricultural Experiment Station (AAES) Research Series 55:53-55.

**Person, M.D.** C.N. Person, T.D. Lester and R.W. Rorie. 2007. Effects of Milk Antimicrobial Proteins on Incidence of Mastitis in Dairy Cattle. Arkansas Agricultural Experiment Station (AAES) Research Series 55:54-55.

**Pohlman, F. W.**, Dias-Morse, P. N., & De Silva, S. R. 2007. Effect of surface decontamination using antimicrobial agents on microbiological quality of beef steaks. Ark. Anim. Sci. Ark Agric. Exp. Sta. Res. Series 553:78-80.

**Powell, J.G.**, TA Yazwinski, CA Tucker, J Reynolds, and ZB Johnson. A field study comparing moxidectin and ivermectin 1% injectables in regard to fecal egg count reductions, weight gains and safety in grazing, stocker cattle. Pg. 29 in Proc. Of 104th Annual Meeting of the Southern Association of Agricultural Scientists, Feb 2-7, 2007. Mobile, AL.

**Powell, J.G.**, A.H. Brown, T.A. Yazwinski, R.A. Rorie, Z.B. Johnson, and J.L. Reynolds. 2007. Influence of reproductive tract score on pregnancy in Angus heifers. AAES Research Series 553:39-40.

**Reynolds, J.**, K. Jogan, and N. Jack. 2007. Bidder demographics of a university student managed horse auction. Page 218 – 219. In Proc. 20th Equine Science Society, Hunt Valley MD.

**Rorie, R.W.** and T.D. Lester. 2007. Effect of bovine somatotropin treatment on AI pregnancy rate in dairy heifers. Arkansas Agricultural Experiment Station (AAES) Research Series 55: 47-48.

**Rowe, C. W.**, R. T. Baublits, A. H. Brown, Jr., F. W. Pohlman, E. J. Yancey, Z. B. Johnson, and P. Dias-Morse. 2006. Solution enhancement and post-enhancement storage effects on the quality, sensory and retail display characteristics of beef triceps brachii muscles. J. Anim. Sci. 84(Suppl. 1):115.

**Rowe, C.W.**, F.W. Pohlman, A.H. Brown, Jr., and **Z.B. Johnson**. 2007. Effect of salt, trisodium phosphate, synthetic antioxidants, and conjugated linoleic acid on sensory and quality characteristics of beef striploins. AAES Research Series 553:81-83.

**Rowe, C.W.** F.W. Pohlman, A.H. Brown, Jr., and **Z.B. Johnson**. 2007. Effect of salt, trisodium phosphate, synthetic antioxidants, and conjugated linoleic acid on instrumental color characteristics and physical characteristics of beef striploins of different quality grades. AAES Research Series 553:84-86.

**Sawyer, J.T.**, J.K. Apple, **Z.B. Johnson**, R.T. Baublits, and J.W.S. Yancey. 2007. Color stability of dark-cutting beef enhanced with lactic acid. AAES Research Series 553:87-91.

**Sawyer, J.T.**, J.K. Apple, and **Z.B. Johnson**. 2007. The impact of acidic marination concentration and sodium chloride on sensory and instrumental color characteristics of dark-cutting beef. AAES Research Series 553:92-95.

**Sheely, C.**, N. Jack, D. Herring. 2007. Do review games affect test scores? In Proc. Am. Assn. for Ag. Ed.

**Tabler, G.T., Jr.,** A.H. Brown, Jr., E.E. Gbur, Jr., I.L. Berry, **Z.B.Johnson**, D.W. Kellogg, and K.C. Thompson. 2007. Regression of feed intake on selected environmental factors for beef bulls during post-weaning feedlot performance tests. AAES Research Series 553:25-28.

**Tabler, G.T., Jr.,** A.H. Brown, Jr., E.E. Gbur, Jr., I.L. Berry, **Z.B.Johnson**, D.W. Kellogg, and K.C. Thompson. 2007. Effects of selected weather factors on feed intake of Angus, Polled Hereford and Simmental beef bulls during feedlot performance tests. AAES Research Series 553:29-33.

**T.A. Yazwinski** and C.A. Tucker. Parasite resistance summit mtg. Flint Oak Hunting Resort. Fall River, KS. *Ford Dodge Animal Health*. February, 2007.

**T.A. Yazwinski.** Current considerations relative to parasiticide needs for cattle. Puerto Vallarta, MX. *Novartis Animal Health*. June, 2007.

**T.A. Yazwinski** and C.A. Tucker. Setting up evaluation of fenbendazole for use in turkeys. *Intervet*. Myrtle Beach, SC. May, 2007.

**T. A. Yazwinski.** Cattle Anthelmintic Summit Mtg III on nematode resistance to parasiticides in cattle. *Intervet*. Key West, FL. July, 2007.

**T.A. Yazwinski** and C.A. Tucker. Resistance, is it real? Current research with endectocides. Livestock Management Seminar. Emporia, KS. March, 2007. Approximately 300 cattle producers in attendance.

**T.A. Yazwinski** and C.A. Tucker. Parasite resistance to dewormers in cattle. Livestock Management Seminar. Newton, KS. March, 2007. Approximately 300 cattle producers in attendance.

**T.A. Yazwinski** and C.A. Tucker. The generic parasiticides for use in cattle. Feedlot Success Seminars. Omaha, NE. March, 2007. Approximately 50 feedlot and back-grounding managers were in attendance.

**T.A. Yazwinski** and C.A. Tucker. Generics; fact and fiction. Northwest Feed Yard Seminar. Pasco, WA. May, 2007. Only 10 feedlot managers attended, but indirectly, that represented over 300,000 head of cattle per year.

**T.A. Yazwinski** and C.A. Tucker. Internal parasite control in cattle. Beef IQ Cattle Health Conference. Batesville, AR. May, 2007. Approximately 30 cattle farmers were in attendance.

**T.A. Yazwinski** and C.A. Tucker. Internal parasite control in cattle. Beef IQ Cattle Health Conference. Hope, AR. May, 2007. Approximately 30 cattle producers were in attendance.

**T.A. Yazwinski** and C.A. Tucker. Poultry helminthiasis or every bird gets worms. Advanced Turkey Management Workshop. Mitchell, SD. June, 2007. Approximately 100 turkey growers were in attendance.

**T.A. Yazwinski** and C.A. Tucker. Poultry helminthiasis or every bird gets worms. Advanced Turkey Management Workshop. Watertown, SD. June, 2007. Approximately 80 Heterite, turkey producers were in attendance.

**T.A. Yazwinski** and C.A. Tucker. Effective Parasite Control. Tri-State Stocker Meeting. Cherokee, NC. July, 2007. Approximately 40 cattle producers were in attendance.

**T. A. Yazwinski** and C. A. Tucker. Parasite control in commercial turkey production. Ozark, AR. December, 2007. Approximately 15 producers in attendance.

### **Biological and Agricultural Engineering**

**Bajwa, S.G.**, and J. Rupe. "Soybean Disease Discrimination with Canopy Reflectance." Paper presented at ASABE Annual International Meeting and Conference, Minneapolis, Minnesota, July 17-21, 2007.

**Bajwa, S.G.**, A.S. Anthony, and D.S. Bajwa. "Effect of Accelerated Aging on the Physical and Mechanical Properties of Wood-Polymer Composites." Paper presented at Woodfiber-Plastic Composite 2007 International Conference, Madison, Wisconsin, May 21-23, 2007.

**Bajwa, S.G.**, and H. Gadiraju. "Laboratory Evaluation of Clinoptilolite for Ammonia Emission Mitigation from Broiler Houses." Paper presented at Symposium on Air Quality and Waste Management for Agriculture, Broomfield, Colorado, September 15-19, 2007.

Bartsch, L.D., **B.E. Haggard**, and J.M. Galloway. "Spatial Variation in Stream Antibiotic Uptake [or Release] Downstream from Effluent Discharges." Presentation to AWRA Summer Specialty Conference, Vail, Colorado, 2007.

Bielke, L., X.-L. Su, Q. Sun, and **Y. Li**. "Rapid Detection of Avian Mitochondrial Proteins Using Capillary Column Immunosensor." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Bielke, L., X.-L. Su, Q. Sun, and **Y. Li**. "Automated Capillary Column Immunoassay for Rapid Detection of Proteins Related to Feed Efficiency of Breeder Chick." Poster presentation at PITTCO Annual Meeting, Chicago, Illinois, February 25-28, 2007.

**Carrier, D.J.** "Bioeconomy Activities at the University of Arkansas." Oral presentation at S-1007 Multi-State Project, Peoria, Illinois, September 2007.

**Carrier, D.J.**, and E. Clausen. "Coupling Extraction of High Value Compounds to Pretreatment." Oral presentation presented to American Society for Agricultural and Biological Engineering, Minneapolis, Minnesota, June 2007.

Chávez, M.D., and **M. Kavdia**. "A Computational Model for Analysis of SOD Isoforms Impact on Nitric Oxide Biotransport in an Arteriole." *FASEB Journal* 21, no. 6 (2007): A1143.

Chávez, M.D., N. Lakshmanan, and **M. Kavdia**. "Impact of Superoxide Dismutase on Nitric Oxide and Peroxynitrite Levels in the Microcirculation- A Computational Model." Presentation to Annual International Conference of the IEEE Engineering in Medicine and Biology, Leon, France, August 2007.

Clendenin, J., H. Rokadia, **J.-W. Kim**, and S. Tung. "Aligned Single Wall Carbon Nanotube FET Biosensor for DNA Detection." Presentation at IEEE International Conference on Nano/Molecular Medicine and Engineering (IEEE-NANOMED), Macau SAR, China, December 2007.

Clendenin, J., **J.-W. Kim**, and S. Tung. "An Aligned Carbon Nanotube Biosensor for DNA Detection." Presentation at IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Bangkok, Thailand, December 2007.

Cooney, L., **Y. Li**, R. Tian, W. Dong, M. Slavik, and H. Wang. "UV Catalysis with Novel TiO<sub>2</sub> Nanofiber Coating and Its Bactericidal Activity Against E. coli O157:H7." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

Daniels, M.B., **B.E. Haggard**, and A.N. Sharpley. "Arkansas Watersheds." Presentation to University of Arkansas Division of Agriculture Cooperative Extension Service FSA9521, Little Rock, Arkansas, 2007.

Deonikar, P., N. Bhise, and **M. Kavdia**. "Nitric Oxide Interactions with Red Blood Cell Hemoglobin: Effect of Oxygenation and Hematocrit." *FASEB Journal* 21, no. 6 (2007): A1231.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Extraction of Saponins from Albizia julibrissin." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Possibility of Extraction of Saponins from Albizia julibrissin." Poster presented at Institute of Biological Engineering, St. Louis, Missouri, 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Separation of Milk Thistle (*Silybum marianum*) Silymarins Using Centrifugal Partition Chromatography." Oral presentation at the American Institute of Chemical Engineering, Salt Lake City, Utah, 2007.



Engelberth, A., **D.J. Carrier**, and E. Clausen. "Separation of Milk Thistle (*Silybum marianum*) Silymarins Using Centrifugal Partition Chromatography." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Garrett, J.R., X. Wu, J. Sha, and **K. Ye**. "Development of pH Insensitive Glucose Indicator for Continuous Glucose Monitoring." Presentation at 234th American Chemistry Society, Boston, Massachusetts, August 19-23, 2007.

**Haggard, B.E.**, A.N. Sharpley, and M.B. Daniels. "Agriculture, Phosphorus and Water Quality." University of Arkansas Division of Agriculture Environmental Task Force Brochure, 2007.

**Haggard, B.E.**, A.N. Sharpley, and M.B. Daniels. "Agriculture, Phosphorus and Water Quality." University of Arkansas Division of Agriculture Environmental Task Force Brochure, 2007.

**Haggard, B.E.**, and L.D. Bartsch. "A Method to Estimate Antibiotic Uptake [or Release] in Streams Receiving Effluent Discharge." Presented to AWRA Summer Specialty Conference, Vail, Colorado, 2007.

**Haggard, B.E.**, and M.D. Matlock. "Annual Variations in Algal Nutrient Limitation at Lake Eucha, Oklahoma 2003-2005." Extended abstract presented to 5th International Phosphorus Workshop (IPW5), Silkeborg, Denmark, 2007.

**Haggard, B.E.**, and M.M. David. "Fecal Bacteria Transport in Ozark Streams – USDA NRI Water and Watersheds." Presentation to Program Project Director's Meeting, USDA CSREES National Water Conference, Savannah, Georgia, 2007.

**Haggard, B.E.**, G. Toor, and S. Williamson. "Watershed Investigative Support to the Beaver Water District: Phosphorus Bings Capacity of Water Treatment Residuals." Oral presentation to the Beaver Water District, Lowell, Arkansas, 2007.

Jared, R., X. Wu, S. Jin, and **K. Ye**. "A pH-Independent Glucose Indicator for Intracellular Glucose Measurement." Presentation at AAPS National Biotechnology Conferences, San Diego, California, June 24-27, 2007.

Jiang, X., Y. Ying, J. Wang, Z. Ye, and **Y. Li**. "Development of Electrochemical Immunosensor for Rapid Detection of Pesticide in Natural Water." Poster presentation at International Conference on Biological Sensorics: Critical Technologies for Future Biosystems, Minneapolis, Minnesota, June 15-17, 2007.

**Kavdia, M.** "A Computational Model of Biochemical Interaction of NO and Reactive Oxygen Species in the Microcirculation." Presentation to 8th World Congress for Microcirculation, Milwaukee, Wisconsin, August 2007.

**Kavdia, M.** "Biochemical Interaction of NO and Reactive Oxygen Species in an Arteriole-Venule Pair." Presentation at Biomedical Engineering Society (BMES) Annual Fall Meeting, September 2007.

**Kavdia, M.** "Oxidative Stress and Nitric Oxide Transport: A Computational Model." Presented to Mathematical Biosciences Institute Workshop , Columbus, Ohio, January 2007.

**Kavdia, M.** "Role of Reactive Oxygen Species in the Microcirculation. FASEB Journal 21, no. 6 (2007): A848.

**Kim, J.-W.,** and V.P. Zharov. "Carbon Nanotubes as Near-Infrared Agents for Photothermal Nanotherapy of Bacterial Infections." Presentation at 234th ACS National Meet (Session – Nanotechnology in Agriculture), Boston, Massachusetts, 2007.

**Kim, J.-W.** "Bio/Nano Technology for Environment and Medicine." Presentation to Gwangju Institute of Technology, Gwangju, Korea, 2007.

**Kim, J.-W.** "Bio/Nano Technology for Environment and Medicine." Presentation to Gwangju Institute of Technology, Gwangju, Korea, 2007.

**Kim, J.-W.,** J.S. Lee, and R. Deaton. "Non-Crosshybridizing Oligonucleotides Building Blocks for Accurate, Scalable, and High-Rate Nanofabrication." Presentation at IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Bangkok, Thailand, December 2007.

**Kim, J.-W.,** R. Deaton, and N. Kotagiri. "Scale Integration of Carbon Nanotube Through Controlled Interfacing and DNA-Guided Self-Assembly." Presentation at DNA 13: 13th International Meeting on DNA Computing, Memphis, Tennessee, 2007.

Kulkarni, S., **S.G. Bajwa,** J. Rupe, and T. Kirkpatrick. "Spatial Correlation of Crop Response to Soybean Cyst Nematode (*Heterodera glycines*)." Paper presented at the ASABE Arkansas Section Meeting, Little Rock, Arkansas, October 5, 2007.

Kulkarni, S.S., **S.G. Bajwa,** J.C. Rupe, and T. Kirkpatrick. "Correlation of Crop Response to Soybean Cyst Nematode." Paper presented at the ASABE Annual International Meeting and Conference, Minneapolis, Minnesota, July 17-21, 2007.

Kwasy, A., M. Leh, J. Cothren, and **S.G. Bajwa.** "Photogrammetric Mapping With the Terrahawk Airborne Camera System." Paper presented at GIS Day Symposium, Fayetteville, Arkansas, November 14, 2007.

Lakshmanan, N. and **M. Kavdia**. "Computational Model of Free Radicals Transport in Vascular Tissue: An Analysis of Impact of SOD Levels and Uncoupling of NOS." Presentation at Society for Free Radical Biology and Medicine Annual Meeting, Nov 2007.

Lakshmanan, N. and **M. Kavdia**. "Leukocyte Adhesion and Mitigation in Blood Vessel-Effect on Nitric Oxide and ROS Levels." Presentation to Experimental Biology (FASEB), Washington, D.C., May 2007.

Lakshmanan, N., and **M. Kavdia**. "Model Computational Model of Free Radicals Transport in Vascular Tissue: An Analysis of Impact of SOD Levels and Uncoupling of NOS." Free Radical Biology and Medicine Journal 43 (2007): S168.

Li, D., Y. Ying, and **Y. Li**. "Rapid Detection of E. coli O157:H5 Using Electrochemical Impedance Immunosensor." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Li, M., A. Pradhan, L. Cooney, and **Y. Li**. "Effectiveness of Hot Water Pasteurization for Thermal Inactivation of Listeria on Fully Cooked and Vacuum Packaged Chicken Breast Meat Products." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

**Li, Y.**, B. Hargis, S. Tung, L. Berghman, and W. Bottje. "A Prototype of Impedance Biosensor for Rapid Screening of Avian Influenza Virus H5N1 in Poultry Samples." Presentation at Institute of Biological Engineers Annual Meeting, St. Louis, Missouri, March 29-April 1, 2007.

**Li, Y.**, R. Wang, B. Hargis, S. Tung, L. Berghman, and W. Bottje. "Development and Initial Evaluation of a Biosensor for in Field Screening of Avian Influenza Virus." Presentation at International Poultry Scientific Forum, Atlanta, Georgia, January 22-23, 2007.

**Li, Y.**, R. Wang, Z. Ye, B. Hargis, S. Tung, and L. Berghman. "A Portable Biosensor for In-Field Detection of Avian Influenza Viruses." Presentation at IAFP 94th Annual Meeting, Orlando, Florida, July 8-11, 2007.

Maguire, R.O., G.H. Rubæk, **B.E. Haggard**, and B.H. Foy. "Critical Evaluation of Mitigation Options for Phosphorus from Field to Catchment Scales." Extended abstract presented to 5th International Phosphorus Workshop (IPW5), Silkeborg, Denmark, 2007.

Martin, E., L. Y. Lary, **C.L. Griffis**, R. Riley, D. Toczko, K. Vaughn, C. Botkin, R. Grat, M. van der Bleek, and J. Marcy. "Antimicrobial Effects of Mastertaste Zesti-Smoke (Two-Stage Application) on the Survival of Listeria Monocytogenes Surface-Inoculated onto Bar-S© Hot Dogs, Vacuum-Packed and Stored at 4°C." Paper presented at Annual Meeting of International Association of Food Protection (IAFP), Orlando, Florida, 2007.

Martin, E., Y. Lary, **C.L. Griffis**, K. Vaughn, C. Boger, and J. Marcy. "Antimicrobial effects of A&B Ingredients CytoGuard® on the survival of *Listeria monocytogenes* surface-inoculated onto Bar-S® Foods Co. hot dogs, vacuum-packed and stored at 4° C." Paper presented at Annual Meeting of International Association of Food Protection (IAFP), Orlando, Florida, 2007.

**Osborn, G.S.** "Training Course for SDOX Technology: Advantages Over Existing Technology for Oxygenation." Presentation to Manufacturers Representatives in Partnership with BlueInGreen, Fayetteville, Arkansas, 2007.

**Osborn, G.S.**, A. McCain, and M. Matlock. "Final Report SBIR Phase IB: A Portable Dissolved Oxygen Delivery System for Rapid Treatment of Organic Spills." Presentation made to National Science Foundation, 2007.

**Osborn, G.S.**, A. McCain, and T. Peacock. "Final Report SBIR Phase IB: Delivery of Hyper-Concentrated Dissolved Ozone for More Effective Treatment of Drinking Water." Presentation to National Science Foundation, 2007.

**Osborn, G.S.**, and A. McCain. "Applying HyDOZ Technology as a Substitute for Chlorine for Sterilization and Removal of Drug Residual Removal from Wastewater Effluent." Presentation made to Wastewater Treatment Plant Personnel, Springdale, Arkansas, 2007.

**Osborn, G.S.**, C. Thompson, A. McCain, and M. Matlock. "Final Report: Deployment of SDOX Technology in Lake Brittany, Bella Vista, Arkansas." Report made to City of Bella Vista Lakes Water Quality Committee, Bella Vista, Arkansas, 2007.

Pradhan, A., M. Li, and **Y. Li**. "Quantitative Microbial Risk Assessment Model for Exposure Assessment of Salmonella During Poultry Processing." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Pradhan, A., M. Li, L. Cooney, and **Y. Li**. "Survival, Growth, and Death of Salmonella and *Listeria* in Raw Chicken Breast Meat During Refrigerated and Frozen Storage." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

Storm, D., P. Busteed, M. White, S. Stoodly, and **B.E. Haggard**. "Middle North Canadian Basin- Targeting Critical Source Area and Modeling Lake Overholser." Presentation to Oklahoma Conservation Commission, Oklahoma City, Oklahoma, 2007.

Su, X., Q. Sun, Z. Ye, L. Bielke, and **Y. Li**. "A Versatile Multichannel Immunoassay Instrument for Food Safety and Quality." Poster presented at PITTCON Annual Meeting, Chicago, Illinois, February 25-28, 2007.

Sun, Q., X.-L. Su, J. Millet, and **Y. Li**. "A Capillary Optical Biosensor for Rapid Detection of Atrazine Residue in Water and Beverages." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Toor, G., **B.E. Haggard**, S. Williamson, and A. Donoghue. "Granulating Poultry Litter and Environmental Consequences- Final Report." Paper presented to US Poultry and Egg Association, 2007.

Uppugundla, N., S. Ravindranath, E. Clausen, J. Lay, R. Wilkins, Y. Wu, R. Ingram, and **D.J. Carrier**. "Extraction of Policosanols from Switchgrass." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Uppugundla, N., S. Ravindranath, E. Clausen, J. Lay, R. Wilkins, Y. Wu, R. Ingram, and **D.J. Carrier**. "Extraction of Policosanols from Switchgrass." Poster presented at Institute of Biological Engineering, St. Louis, Missouri, 2007.

Varshney, M., **Y. Li**, B. Srinivasan, and S. Tung. "A Label-Free, Microfluidics and Interdigitated Array Microelectrode Based Impedance Biosensor in Combination with Magnetic Nanoparticles Immunoseparation for Detection of Escherichia coli O157:H7 in Food Samples." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Varshney, M. and **Y. Li**. "Impedance Biosensor Based on Flow Cell with Double Interdigitated Array Microelectrodes for Detection of Viable Escherichia coli O157:H7 in Growth Medium." Presented at Institute of Biological Engineering's Annual Meeting, St. Louis, Missouri, March 29- April 1, 2007.

Veetil, J.V., M. Mehta, A. Wang, and **K. Ye**. "Quantum-Dot Based Lateral Flow Strip Assay for Virus Detection." Presentation at AAPS National Biotechnology Conferences, San Diego, California, June 24-27, 2007.

Wang, H., **Y. Li**, and M. Slavik. "Rapid Detection of Listeria monocytogenes Using Quantum Dots and Nanobeads Based Optical Biosensor." Presented at IAFP 94th Annual Meeting, Orlando, Florida, July 8-11, 2007.

Wang, H., **Y. Li**, and M. Slavik. "Simultaneous Detection of Multiple Foodborne Pathogens Using Quantum Dot Fluorescence Labels in an Immunoassay Coupled with Nanobeads Immunoseparation." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

Wang, R., **Y. Li**, B. Hargis, S. Tung, L. Berghman, W. Bottje, K. Lassiter, R. Brewer, and B. Srinivasan. "Rapid Screening of Avian Influenza Virus H5N1 by Magnetic Nanobeads Based Microfluidic Biosensor." Paper Presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Wang, X., and **K. Ye**. "Characterization of Differentiation of Embryonic Stem Cells into Insulin-Producing Endocrine Cells in 3D Cultures." Presentation to 234th American Chemistry Society, Boston, Massachusetts, August 19-23, 2007.

Wang, Y., R. Wang, and **Y. Li**. "Interdigitated Array Microelectrode Based Immunosensor for Detection of Avian Influenza Viruses." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

Wu, X., X. Wang, and **K. Ye**. "Display of Functional H5N1 Hemagglutinin Fragment on Yeast Surface: A First Step Toward Development of an Oral Influenza Vaccine." Presentation at AAPS National Biotechnology Conferences, San Diego, California, June 24-27, 2007.

Ye, Z., **Y. Li**, R. Wang, Y. Ying, and J. Wang. "A Magnetic Micro/Nanobeads-Antibody Conjugates Based on Automatic Immunoseparator for Use in Pathogen Detection." Paper presented at ASABE Annual Meeting, Minneapolis, Minnesota, June 17-20, 2007.

### **Crop, Soil, and Environmental Sciences**

Adamczyk, T., Cothren T., Lackey, J., Fernandez, C. and **Oosterhuis, D.M.** 2007. Physiological Effects on Chaperone Treated Cotton - A Six Year Review 2001-2006. *In Proc. Beltwide Cotton Conferences*. New Orleans, LA, 10-12 Jan. National Cotton Council of America, Memphis, TN. [CD-ROM]

**Akiyama T.**, and M.C. Savin. 2007. Antibiotic-Resistant Bacteria in a Stream Receiving Wastewater Treatment Plant Effluent. *In Annual Meeting South Central Branch American Society for Microbiology*, 02-03 Nov. U of A at Little Rock, AR.

**Anders, M.M.**, and B. Schmid. Effect of Tillage and Rotation on Soil Aggregate Stability in Rice Cropping Systems. 4th International Temperate Rice Conference.

**Anders, M.M.**, K.B. Watkins, K.A.K. Moldenhauer, J. Gibbons, and R.W. McNew. 2007. The Effect of Rotation, Tillage, Fertility, and Variety on Rice Grain Yield. *In R.J. Norman, J.F. Meullenet and K.A.K. Moldenhauer (eds.) B.R. Wells Rice Research Studies 2006*. U of A Ag. Exp. Sta. Res. Ser. 550. p. 251-258.

**Avila, C.A.** and J. McD. Stewart. 2007. Host Response to Reniform Nematode Infection in Resistant and Susceptible *Gossypium arboreum* Accessions. *In* D.M. Oosterhuis (ed.). Summaries of Arkansas Cotton Research 2006. U of A Ag. Exp. Sta. Res. Ser. 552. p. 123-127.

**Avila, C.A.**, and J.McD. Stewart. 2007. Reniform Nematode Resistance in *Gossypium arboreum*. World Research Cotton Conference-04, Sept., Lubbock, TX

**Avila, C.A.**, J. McD. Stewart, and R.T. Robbins. 2007. Gene Expression Changes in *Gossypium arboreum* as Response to Reniform Nematode Infection by Subtractive Hybridization cDNA-AFLP. Beltwide Cotton Conf., New Orleans, LA.

**Avila, C.A.**, and J. McD. Stewart. 2007. Gene Expression Changes in *Gossypium arboreum* Roots as Response to Reniform Nematode Infection. Gamma Sigma Delta Student Research Contest. U of A. Fayetteville, AR

**Bangarwa, S.K.** and J.K. Norsworthy. 2007. Effect of Tuber Size and Tillage Frequency on Regenerative Potential of Purple and Yellow Nutsedge. *In* Proc. South. Weed. Sci. Soc. 60:181.

**Bangarwa, S.K.** and J.K. Norsworthy. 2007. Purple and Yellow Nutsedge Growth as Influenced by Tuber Size and Tillage Frequency. Gamma Sigma Delta Contest

**Bangarwa, S.**, J.K. Norsworthy, and G. Griffith. 2007. Phenyl Isothiocyanate as a Methyl Bromide Alternative for Weed Control in Tomato. Arkansas Crop Prot. Assoc. 11:5.

**Bangarwa, S. K.** and J. K. Norsworthy. 2007. Integrated Management of Purple Nutsedge. Gamma Sigma Delta Contest

**Bangarwa, S.K.** and J.K. Norsworthy. 2007. Effect of Tuber Size and Tillage Frequency on Regenerative Potential of Purple and Yellow Nutsedge. Southern Weed Science Society meeting, Nashville, TN.

**Bangarwa, S.K.** and J.K. Norsworthy. 2007. Integrated Management of Purple Nutsedge. Presented at the Gamma Sigma Delta Contest, Fay.

**Bangarwa, S.K.** and J.K. Norsworthy. 2007. Purple and Yellow Nutsedge Growth as Influenced by Tuber Size and Tillage Frequency. Presented at the Gamma Sigma Delta Contest, Fay.

**Bangarwa, S.**, J.K. Norsworthy, and G. Griffith. 2007. Phenyl Isothiocyanate as a Methyl Bromide Alternative for Weed Control in Tomato. Presented at the Arkansas Crop Protection Research Conference, Fay.

**Bararpour, M.T.**, L.R. Oliver, and C. E. Brewer. 2007. Weed Control in Corn. *In Proc. South. Weed Sci. Soc.* 60:67.

**Bararpour, M.T.** and L.R. Oliver. 2007. Comparison of Wheat Herbicides for Control of Arkansas Diclofop-Resistant Italian Ryegrass (*Lolium multiflorum*). Abstr. AR Crop Prot. Assoc. 11:1.

Bautista, R.C., T.J. Siebenmorgen, and **P.A. Counce**. 2007. Rice Kernel Dimensional Variability Trends. *In R.J. Norman, J-F.C. Meullenet and K.A.K. Moldenhauer (Eds.) Rice Res. Ser. 2006. U of A Ag. Exp. Sta. Res. Ser. 550. p. 361-369.*

**Bibi, A.C.**, Oosterhuis, D.M. and Gonias, E.D. 2007. Exogenous Application of Putrescine on Cotton Ovaries under Two Temperatures. Summaries of Cotton Research in 2005. U of A Agric. Exp. Sta., Res. Ser. 552:54-57.

**Bibi, A.C.**, Oosterhuis, D.M. and Gonias, E.D. 2007. Effect of the Plant Growth Regulator BM86 on Polyamines and Seed Set Efficiency of Cotton During Reproductive Development. Summaries of Cotton Research in 2005. U of A Ag. Exp. Sta. Res. Ser. 552:45-48.

**Bibi, A.C.**, Oosterhuis, D.M. and Gonias E.D. 2007. Polyamines in Cotton Ovaries as Affected by Nodal Position and Canopy Temperature. Summaries of Cotton Research in 2005. U of A Agric. Exp. Sta., Res. Ser. 552:49-53.

**Bibi, A.C.**, Oosterhuis, D.M. and Gonias E.D. 2007. High Temperature Effects on the Biochemistry of the Reproductive Development in Cotton Genotypes. *In Proc. Beltwide Cotton Conferences. New Orleans, LA, 10-12 Jan. National Cotton Council of America, Memphis, TN. [CD-ROM]*

**Bourland, F.M.**, and D.C. Jones. 2007. Development of COTVAR, a Computer Program for Comparing Performance of Cotton Varieties in State Variety Tests. Presented at Beltwide Cotton Prod. Res. Conf., New Orleans, LA. 09-12 Jan.

**Bourland, F.M.**, and D.C. Jones. 2007. Cotton Germplasm Lines Released by the University of Arkansas in 2006. Presented at Beltwide Cotton Prod. Res. Conf., New Orleans, LA. 09-12 Jan.

**Bourland, F.M.** Overview of the COTVAR Program. Presented at SCC-33 Regional Variety Testing Meeting. Key Largo, FA. 31 Jan.

**Bourland, F.M.** and D.C. Jones. 2007. COTVAR, a Computer Program for Comparing Performance of Cotton Varieties in State Variety Tests. Presented at American Society of Agronomy, 06 Nov.



**Bourland, F.M.**, B.S. Brown, J.M. Hornbeck, and K. Kaufman. 2007. Arkansas Cotton Variety Test 2006. AR Ag. Exp. Stn. Res. Ser.

**Bourland, F.M.**, and D.C. Jones 2007. Development of the COTVAR Variety Selection Program. *In* D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2006. Ark. Agric. Exp Stn. Res. Ser. 552. p. 24-26.

**Bourland, F.M.** 2007. University of Arkansas Cotton Breeding Program - 2006 Progress Report. *In* D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2006. Ark. Agric. Exp Stn. Res. Ser. 552. p. 21-23.

Bowen, Jose, **D.E. Long**, N. Allison, C. Murphy. 2007. Teaching Naked: Why Removing Technology from Your Classroom Will Improve Student Learning. *In* Relative to Teaching, Newsletter, published by Cordes Teaching and Faculty Support Center, 31 April. U of A, Fay., AR

Boyett, V.A., **J.W. Gibbons**, H.A. Agrama, R.J. Bryant, G.C. Eizenga, and K.A.K. Moldenhauer. 2007. Utilization of Trait-Linked DNA Markers in Rice Breeding. *In* R.J. Norman, J.F. Muellenet and K.A.K. Moldenhauer (eds.) B.R. Wells Rice Research Studies 2006. U of A Ag. Exp. Sta. Series 550. pp. 43-50.

**Boza, E.J.**, J.C. Correll, F.N. Lee, K.A.K. Moldenhauer, and J.W. Gibbons. 2007. Screening of Rice Breeder Germplasm (URRN's, ARPT's, and PRELIM's) to Seven Races of the Rice Blast Pathogen, *Pyricularia grisea*. *In* R.J. Norman, J.F. Muellenet and K.A.K. Moldenhauer (eds.) B.R. Wells B.R. Wells Rice Research Studies 2006. U of A Ag. Exp. Sta. Res. Ser. 550. p.51-59.

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## **Entomology**

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**Szalanski, A.L.** and J.A. McKern. 2007. DNA barcoding: Ants of the Ozark - St. Francis National Forest. Entomological Society of America National Meeting, San Diego.

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**Verble, R.M.** 2007. The abundance of carpenter ants in the Ozark Mountains of Arkansas. Invertebrate in Captivity Conference, Rio Rico, Arizona.

Verble, R.M. and **F.M. Stephen**. 2007. Distribution and abundance of carpenter ants in the Ozark Mountains of Arkansas. Southern Forest Insect Work Conference, Jekyll Island, Georgia.

Verble, R.M. and **F.M. Stephen**. 2007. The abundance of black carpenter ants, *Camponotus pennsylvanicus*, in the Ozark Mountains of Arkansas. Entomological Society of America National Meeting, San Diego

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Zawislak, J. and **D. Steinkraus**. 2007. Evaluation of botanical smokes as alternative methods for control of *Varroa destructor* on the honeybee, *Apis mellifera*. Entomological Society of America National Meeting, San Diego.

Zawislak, J. and **D.C. Steinkraus**. 2007. Evaluating botanical smokes for Varroa mite control. Arkansas State Beekeeper's Association, Annual Meeting, Mountain View.

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Zawislak, J. and **D. Steinkraus**. 2007. Historical honeybees: relocating the Old Main colony. Northwest Arkansas Beekeepers Association. Fayetteville.

## **Food Science**

### **NATIONAL/INTERNATIONAL MEETINGS:**

**Bautista, R.C.** and T. J. Siebenmorgen. 2007. Rice individual kernel breaking force and hardness index distributions and the relationship to milling quality. American Society of Agricultural and Biological Engineers Annual Meeting. ASABE Paper No. 076185. Minneapolis, MN. June 17-20.

**Bautista, R.C.**, T. J. Siebenmorgen, and R. M. Burgos. 2007. Rice individual kernel breaking force and hardness index distributions and the relationship to milling quality. American Association of Cereal Chemists International Annual Meeting. San Antonio, TX. October 7-10.

**Brownmiller, C.** and Howard, L. 2007. Processing and storage effects on blueberry anthocyanins and polymeric color. Abstract 146-01. IFT Annual Meeting. Chicago, IL

**Cameron, D.K.**, Kuo, M.-I, Wang, Y.-J., and Campbell, M. 2007. Swelling properties of waxy corn mutant starches. AACC Annual Meeting, San Antonio, TX.

**Cameron, D.K.**, Kuo, M.-I, Wang, Y.-J., and Campbell, M. 2007. Swelling properties of waxy corn mutant starches. AACC Annual Meeting. San Antonio, TX.

**Chalova, V.I.**, Y.M. Kwon, J. M. Lingbeck, and S.C. Ricke. 2007. Antimutagenic capabilities of selected *Lactobacillus* spp. and *Bifidobacterium bifidum* ATCC 11863 supernatants at different growth phases. International Assoc. of Food Protection Annual Meeting, Lake Buena Vista, FL.

**Chitturi, V.**, Hettiarachchy, N.S., Johnson, M.G., Ricke, S.C. 2007. Antibacterial activity of phenolic compounds from green tea and grape seed extracts. Institute of Food Technologists Annual Meeting and Food Expo. Book of Abstracts # 142-25. Chicago, Ill. July 28-August 1.

**Chitturi, V.**, N.S. Hettiarachchy, M.G. Johnson, and S.C. Ricke. 2007. Antimicrobial activity of phenolic compounds from green tea and grape seed extracts. Institute of Technologists Annual Meetings, Chicago, IL.

**Chitturi, V.P.**, Hettiarachchy, N.S., Johnson, M.G., Huff, G.R., Chalova-Zhekova, V.I., Ricke, S.C. 2007. Study of inhibitory activities and modes of action of green tea and grape seed extracts against *L. monocytogenes* and *E. coli*. Amer. Soc. for Microbiology Annual Meeting. Book of Abstracts # A-105. Toronto, Canada. May 21-25.

**Chitturi, V.P.**, N.S. Hettiarachchy, M.G. Johnson, and G.R. Huff. 2007. Study of inhibitory activity and mode of action of green tea and grape seed extract. Amer. Soc. for Microbiology Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Chitturi, Vidya**, Navam S. Hettiarachchy, Michael Johnson, Steven C. Ricke. 2007. Antibacterial activity of phenolic compounds in model system. Oral presentation. Institute of Food Technologists Annual Meeting and Food Expo. Chicago, Ill. Food Microbiology, Session 233. July 28-August 1.

**Crandall, P.G.**, E.C. Friedly, M. Patton, S. Seideman, S.C. Ricke, C.A. O'Bryan and Ron Rainey. 2008. Buying Preferences for Organic Foods by Consumers at Farmers Markets. Poultry Sci. Annual Meeting. June.

**Donya, A.**, Hettiarachchy, N. S., Meullenet, J.F., Liyanage, R., Lay, J.O., Chen, P., Jalaudhin, M. 2007. Effects of various processing methods on the bitterness of bitter melon. Institute of Food Technologists Annual Meeting and Food Expo. Book of Abstracts # 192-19. Chicago, Ill. July 28-August 1.

Dutta, V., G.R. Huff, R.J. Sayler, W.E. Huff, N.C. Rath, **M.G. Johnson**, and R. Nannapaneni. 2007. The effects of stress and concurrent *E coli* infection on the isolation of *L. monocytogenes* from syhnovial tissue of turkey poults. Amer. Soc. for Microbiology Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.



**Friedly, E.,** C.A. O'Bryan, V. Cahlova-Zhekova, P. G. Crandall, S.C. Ricke. 2007. Response of *Salmonella* strains to all natural citrus antimicrobials. International Assoc. of Food Protection Annual Meeting, Lake Buena Vista, FL.

**Friedly, E.,** C.A. O'Bryan, V. Chalova, P. G. Crandall, S.C. Ricke. 2007. Response of *Salmonella* strains to all natural citrus antimicrobials. Intl. Assoc. of Food Protec. Annual Meeting, Lake Buena Vista, FL.

**Friedly, Erik,** R. Nannapaneni, P. G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Inhibition of *Listeria monocytogenes* by Citrus-Based Natural Extracts. Amer. Soc. for Microbiology Annual General Meeting. Abstract. Toronto, Ontario, Canada. May 21-25.

**Friedly, Erik,** R. Nannapaneni, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Inhibition of *Listeria monocytogenes* by Citrus-Based Natural Extracts. Amer. Soc. for Microbiology Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Hager, A.** and Howard, L. 2007. Changes in anthocyanins and antioxidant capacity in processed black raspberry products during storage. IFT Annual Meeting. Abstract 146-04. Chicago, IL.

**Hager, T.** and Howard, L. 2007. Changes in monomeric anthocyanins, polymeric color, and antioxidant capacity in processed blackberry products during storage. IFT Annual Meeting. Abstract 211-01. Chicago, IL.

**Horax, R.,** Grant, L.S., Hettiarachchy, N.S., Rayaprolu, S.J., Chen, P., Jalaluddin, M. 2007. Phenolic and antioxidant analysis of extracts from flesh of bitter melon (*Momordica charantia*) fruit at different maturation stages for potential nutraceutical benefits. Institute of Food Technologists Annual Meeting and Food Expo. Chicago, Ill. Book of Abstracts # 190-17. July 28-August 1.

Jain, V. P., Proctor, A. 2007. Pilot plant production of CLA-rich soy oil by photoisomerization. IFT Annual Meeting. IFT Annual Meeting. Abstract. Chicago IL. page 241.

Jain, V. P., Proctor, A. 2007. Pilot plant production of CLA-rich soy oil by photoirradiation. Amer. Oil Chem. Soc.. AOCS Annual Meeting. Abstract. Quebec City, Canada. page 131

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**Kannan, A.,** Hettiarachchy, N.S. 2007. Partial characterization of peptides exhibiting anti-cancer properties obtained from heat stabilized defatted rice bran by enzymatic hydrolysis. Institute of Food Technologists Annual Meeting and Food Expo. Book of Abstracts # 007-23. Chicago, Ill. July 28-August 1.

Kelker, S. Proctor, A. and Jain, V.. 2007. Oxidative stability of high-CLA soy oil produced by photoirradiation. Amer. Oil Chem. Soc. Annual Meeting. Abstract. Quebec City, Canada. page 114

**Kelker, S.,** A. Proctor and V. Jain. 2007. Oxidative stability of high-CLA soy oil produced by photoirradiation. Amer. Oil Chem. Soc. National Meeting. Quebec City. May 16<sup>th</sup>.

**Lee, Y.S.,** A. Saha, C.M. Owens and J-F. Meullenet. 2007. A novel laser air puff and shape profile method for predicting tenderness of broiler breast meat. Abstract. Poultry Sci. 86(1):494.

**Lee, Y.S.,** A. Saha, C.M. Owens and J-F. Meullenet. 2007. Optimal number of replications for the Meullenet-Owens-Razor-Shear (MORS) and tenderness variations between right and left broiler breast fillets. Abstract. Poultry Sci. 86(1):378.

**Lee, Y.S.,** A. Saha, C.M. Owens and J-F. Meullenet. 2007. Prediction of tenderness of broiler breast fillets by Electromyography (EMG) and Electrognathography (EGN). IFT Annual Meeting. Abstract. Chicago, IL.

**Lee, Y.S.,** A. Saha, C.M. Owens and J-F. Meullenet. 2007. Tenderness of broiler breast fillets during extended aging after deboning. IFT Annual Meeting. Abstract. Chicago, IL.

**Lee, Y.S.,** J-F. Meullenet and C.M. Owens. 2007. On the tenderness of commercial boneless skinless broiler breast meat. Abstract. Poultry Sci. 86(1):493.

**Lovely, C.** and J-F. Meullenet. 2007. A comparison of statistical approaches for the optimization of strawberry yogurt formulation. 7<sup>th</sup> Pangborn Sensory Science Symposium. Minneapolis, MN.

**Lungu, B.** R. Story, S.C. Ricke and M.G. Johnson. 2007. The role of protein synthesis in the starvation survival responses of *L. monocytogenes* 10403S and  $\Delta$ sigB mutant. Amer. Soc. for Microbiology Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Lungu, B.,** R. Story, S.C. Ricke, and M.G. Johnson. 2007. The role of protein synthesis in the starvation survival responses of *Listeria monocytogenes* 10403S and  $\Delta$ sigB mutant. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Main, G.**, R. Threlfall, and J. Morris. 2006. Bioconversion of Malic Acid in Norton and Vignoles Using Genetically Enhanced and Natural Microbes. Abstract. Am. J. Enol. Vitic. 57:530A.

**Meullenet, J. F.**, T. J. Siebenmorgen, M. Saleh, R. Bautista, and L. Roferos. 2007. Applying NIR technology in assessing rice quality. Symposium: Embracing Emerging Technologies for Rice Quality at the Annual Meeting of the American Assoc. of Cereal Chem. Intron. San Antonio, TX. October 7-10.

**Meullenet J-F.**, Y.S. Lee, and R. Xiong. 2007. Stability of group ideals determined by Euclidian Distance Ideal Point Mapping (EDIPM). 7<sup>th</sup> Pangborn Sensory Science Symposium. Minneapolis, MN.

**Min, X.**, Wang, Y.-J., and Chen, P. 2007. Effect of blanching and storage conditions on soluble sugar content of fresh and frozen vegetable soybeans. IFT Annual Meeting. Chicago, IL.

**Min, X.**, Wang, Y.-J., and Chen, P. 2007. Effect of blanching and storage conditions on soluble sugar content of fresh and frozen vegetable soybeans. IFT Annual Meeting. Chicago, IL.

**Morawicki, R.** 2007. Title: Studies of water uptake, volumetric expansion, and solids loss during rice cooking in excess water. Industry Alliance Meeting. UofA Rice Processing Program (Regional meeting).

**Morawicki, R.O.**, Siebenmorgen T, Cho MJ. 2007. Development of an automated system for determination of water uptake and volumetric expansion of rice kernels during cooking. IFT Annual Meeting in Chicago, Illinois.

**Morawicki, R.O.**, Siebenmorgen T, Cho MJ. 2007. Prediction of solids leached during rice cooking using transmittance at 650 nm. IFT Annual Meeting in Chicago, Illinois.

**Morawicki, R.O.**, T.J. Siebenmorgen, and M.J. Cho. 2007. Development of an automated system for determining water uptake and volumetric expansion of rice kernels during cooking. Abstract #141-07. Institute of Food Technologists Annual Meeting. Chicago, IL

**Nannapaneni, R.**, P. G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Ciprofloxacin-Sensitive and Ciprofloxacin-Resistant *Campylobacter jejuni* Inhibition by Citrus-Based Natural Extracts . Intl. Assoc. for Food Protect. Annual Meeting. Abstract. Lake Buena Vista. FL, July 08-11.

**Nannapaneni, R.**, E. Friedly, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. *Campylobacter jejuni* and *C. coli* sensitivity to citrus-based natural extracts. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Nannapaneni, R.**, E. Friedly, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. *Campylobacter jejuni* and *C. coli* sensitivity to citrus-based natural extracts. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Nannapaneni, R.**, K.C. Wiggins, R. Story, and M.G. Johnson. 2007. Quantitative trends in total *Campylobacter* and Total Ciprofloxacin-Resistant *Campylobacter* Loads in Rinses from Retail Raw Chicken Carcasses from 2001 to 2005. Amer. Soc. for Microbiol. Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Nannapaneni, R.**, K.C. Wiggins, R. Story, S.C. Ricke, and M.G. Johnson. 2007. Differences in total *Campylobacter* and total ciprofloxacin-resistant *Campylobacter jejuni* on retail raw chicken carcasses from one processor but different retail sources in 2006. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Nannapaneni, R.**, K.C. Wiggins, R. Story, S.C. Ricke, and M.G. Johnson. 2007. Differences in total *Campylobacter* and total ciprofloxacin resistant *Campylobacter* loads on retail raw chicken carcasses from one processor but two different retail sources in 2006. Amer. Soc. for Microbiol. Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Nannapaneni, R.**, P. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Antimicrobial activity of citrus-based natural extracts against *E. coli* O157:H7. Intl. Assoc. of Food Protect. Annual Meeting, Lake Buena Vista, FL.

**Nannapaneni, R.**, P. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Antimicrobial activity of citrus-based natural extracts against ciprofloxacin-sensitive and ciprofloxacin-resistant *Campylobacter jejuni*. Intl. Assoc. of Food Protect. Annual Meeting, Lake Buena Vista, FL.

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**Nannapaneni, R.**, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Ciprofloxacin-Sensitive and Ciprofloxacin-Resistant *Campylobacter jejuni* Inhibition by Citrus-Based Natural Extracts. Intl. Assoc. for Food Protect. Annual Meeting. Abstract. Lake Buena Vista, FL. July 08- 11.

**Nannapaneni, R.**, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Antimicrobial Activity of Citrus-Based Natural Extracts Against *Escherichia coli* O157:H7 Intl. Assoc. for Food Protect. Annual Meeting. Abstract. Lake Buena Vista, FL, July 08-11.

**Nannapaneni, R.**, P.G. Crandall, S.C. Ricke, and M.G. Johnson. 2007. Antimicrobial Activity of Citrus-Based Natural Extracts Against *Escherichia coli* O157:H7. Intl. Assoc. for Food Protect. Annual Meeting. Abstract. Lake Buena Vista, FL. July 08-11.

**O'Brien, S.J.**, and Wang, Y.-J. 2007. Phosphorylation of starch via reactive extrusion for controlled release of drugs. Controlled Release Society Annual Meeting. Long Beach, CA.

**O'Brien, S.J.**, Wang, Y.-J., Vervaet, C., and Remon, J.P. 2007. Controlled Release Properties of Starch Phosphates Prepared by Reactive Extrusion. AACC Annual Meeting, San Antonio, TX.

**O'Brien, S.J.**, Wang, Y.-J., Vervaet, C., and Remon, J.P. 2007. Controlled Release Properties of Starch Phosphates Prepared by Reactive Extrusion. AACC Annual Meeting. San Antonio, TX.

**Onofre, F.**, Wang, Y.-J., and Mauromoustakos, A. 2007. Evaluation of chemically modified starches as sustained-release agents in monolithic tablets. Controlled Release Society Annual Meeting. Long Beach, CA.

**Onofre, F.**, Wang, Y.-J., and Mauromoustakos, A. 2007. The sustained release properties of chemically modified starches. AACC Annual Meeting, San Antonio, TX.

**Onofre, F.**, Wang, Y.-J., and Mauromoustakos, A. 2007. The sustained release properties of chemically modified starches. AACC Annual Meeting. San Antonio, TX.

Owens, C.M., **S.C. Purcell**, A. Saha, and J-F. Meullenet. 2007. Impact of early deboning and portioning on tenderness vertically portioned broiler breast fillets. Abstract. Poultry Sci. 86(1):602.

Owens, C.M., **S.C. Purcell**, A. Saha, and J-F. Meullenet. 2007. Optimizing NaCl marinade concentrations to improve meat tenderness, flavor, and juiciness of early deboned broiler breast fillets. Abstract. Poultry Sci. 86(1):378-379.

**Paraman, I.**, Hettiarachchy, N.S., Schaefer, C. 2007. Pepsin-assisted rice endosperm protein extraction, Institute of Food Technologists Annual Meeting and Food Expo. Chicago, Ill. Book of Abstracts # 007-04. July 28-August 1.

**Patindol, J.**, and Wang, Y.-J. 2007. Functional properties as affected by parboiling of rough rice and brown rice. AACC Annual Meeting, San Antonio, TX.

**Patindol, J.**, and Wang, Y.-J. 2007. Functional properties as affected by parboiling of rough rice and brown rice. AACC Annual Meeting. San Antonio, TX.

**Patindol, J.**, Gu, X.-F., and Wang, Y.-J. 2007. Gelatinization, swelling, and rice starch fine structure as affected by controlled surface peeling of granules in aqueous dimethyl sulfoxide. AACC Annual Meeting, San Antonio, TX.

**Patindol, J.**, Gu, X.-F., and Wang, Y.-J. 2007. Gelatinization, swelling, and rice starch fine structure as affected by controlled surface peeling of granules in aqueous dimethyl sulfoxide. AACC Annual Meeting. San Antonio, TX.

**Patindol, J.**, Newton, J., and Wang, Y.-J. 2007. Cooked rice hardness and stickiness as affected by grain composition and structure of leached materials during cooking. AACC Annual Meeting, San Antonio, TX.

**Patindol, J.**, Newton, J., and Wang, Y.-J. 2007. Cooked rice hardness and stickiness as affected by grain composition and structure of leached materials during cooking. AACC Annual Meeting. San Antonio, TX.

Prior, R.L., **Howard, L.**, Gu, L., Hager, A. and Rooney, L. 2007. Procyanidins: Effects of source and extrusion conditions on structure, degradation and absorption/metabolism. ACS 234<sup>th</sup> National Meeting and Exposition. Abstract 209. Boston, MA.

Prior, R.L., Wu, X., **Hager, T.** and Howard, L. 2007. Absorption of anthocyanins from berries: metabolic products and influence of glycoside. Abstract AGFD4 ACS 234<sup>th</sup> National Meeting and Exposition. Boston, MA.

**Saldivar, J.C.**, B. Lungu, V.I. Chalova, S.C. Ricke, and M.G. Johnson. 2007 Isolation and characterization of *L. monocytogenes* 10403S mutant strains showing impaired growth at 4°C compared to wild type strain 10403S. Amer. Soc. for Microbiol. Annual General Meeting. Abstract. Toronto, Ontario, Canada, May 21-25.

**Saldivar, J.C.**, B. Lungu, V.I. Chalova, S.C. Ricke, and M.G. Johnson. 2007. Isolation and characterization of *Listeria monocytogenes* 10403S mutant strains showing impaired growth at 4°C compared to wild type strain 10403S. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Saleh, M.I.** and J-F. Meullenet. 2007. Effect of broken rice kernel proportions in milled rice on cooked rice texture and rice flour pasting properties. IFT Annual Meeting. Book of Abstract. Chicago, IL.

**Siebenmorgen, T. J.**, R. C. Bautista, and L. E. Estorninos, Jr. 2007. A system for determining fissure occurrence kinetics in milled rice. Symposium: Embracing Emerging Technologies for Rice Quality at the Annual Meeting of the American Association of Cereal Chemists International. San Antonio, TX. October 7-10.

**Siebenmorgen, T. J.**, R. C. Bautista, and P. A. Counce. 2007. Optimal harvest moisture contents for maximizing milling quality of long- and medium-grain rice cultivars. Amer. Assoc. of Cereal Chem. Intl. Annual Meeting. San Antonio, TX. October 7-10.

**Siebenmorgen, T. J.**, V. Gayanilo, R.C. Bautista. 2007. Fluidized bed drying of rice using a pilot-scale drier. Amer. Soc. of Agric. and Biological Engineers Annual Meeting. ASABE Paper No. 076258. Minneapolis, MN. June 17-20.

**Sirsat, S.A.**, S.E. Dowd, V.I. Chalova, A. Muthaiyan, and S.C. Ricke. 2007. Effect of temperature on gene expression of *Salmonella* Typhimurium. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

**Wang, S.-H.**, Kuo, M.-I, and Wang, Y.-J. 2007. Fine structure of granule ghost with respect to starch swelling and gelatinization. IFT Annual Meeting, Chicago, IL.

**Wang, S.-H.**, Kuo, M.-I, and Wang, Y.-J. 2007. Fine structure of granule ghost with respect to starch swelling and gelatinization. IFT Annual Meeting. Chicago, IL

**York, C.**, A. Proctor, J. Nyalala, M. D. Morris, G. W. Smith. 2007. The effect of quercetin and alpha tocopherol on LDL lipid oxidation. Amer. Oil Chem. Soc. National Meeting. Quebec City. May 16<sup>th</sup>.

#### **REGIONAL, STATE, AND LOCAL MEETINGS:**

**Adams, B.**, Hettiarachchy, N.S., Johnson, M. 2007. Effectiveness of green tea and grape seed extracts on the inhibition of *Listeria monocytogenes* in model and meat systems. Gamma Sigma Delta Oral Competition. February 27.

**Agee, C.**, A. Proctor, J. Nyalala, M.D. Morris and G.W. Smith. 2007. The effect of quercetin and alpha tocopherol on LDL oxidation. Arkansas Biosciences Fall Research Symposium. October.

**Chitturi, V.**, Hettiarachchy, N.S., Johnson, M. 2007. Antibacterial activity of phenolic compounds from Green Tea and Grape Seed Extracts in turkey frankfurters. Gamma Sigma Delta Poster. February 27.

**Chitturi, V.**, Hettiarachchy, N.S., Johnson, M.G. 2007. Antimicrobial Activity of Whey Protein Films and Coatings Incorporated with Green Tea Extract, Grape Seed Extract, Nisin and their Combinations against *Listeria monocytogenes*, *Escherichia coli* 0157:H7 and *Salmonella* Typhimurium Food Safety Consortium Annual Report.

**Chitturi, V.**, Hettiarachchy, N.S., Johnson, M.G. 2007. Effectiveness of the whey protein isolate (WPI) coatings incorporated with Nisin (N), grape seed extract (GSE) with and without malic acid (MA) and EDTA in inhibiting the growth of *Listeria monocytogenes*, *E. coli* 0157:H7 and *Salmonella* Typhimurium in ready to eat meat stored at 4°C for 28 days. Food Safety Consortium Annual Report.

**Crandall, P.C.**, S.C. Ricke, C.A. O'Bryan and V.I. Chalova. 2007. Effective and Economical Reduction of Salmonella and other Food Pathogens in Poultry. Executive team at MBA poultry. Waverly, NE.

**Crandall, P.** 2007. Food safety training for hourly employees. Group of food safety stakeholders as part of our FSIE Grant. November 14.

**Eswaranandam, S.**, Hettiarachchy, N.S., Johnson, M.G. 2007. Evaluation of activated lactoferrin alone and in combination with nisin to inhibit *Listeria monocytogenes* in ready-to-eat chicken breast meat. Food Safety Consortium Annual Report.

**Jain, V.** and A. Proctor. 2007. Kinetics of photo-irradiation induced synthesis of soy oil conjugated linoleic acid isomers. Gamma Sigma Delta poster competition. University of Arkansas. Fayetteville, AR. February.

**Jain, V.** and A. Proctor. 2007. Production of conjugated linoleic acid-rich potato chips. Gamma Sigma Delta oral competition. University of Arkansas. Fayetteville, AR. February.

**Over, K.**, Hettiarachchy, N.S., Johnson, M.G. 2007. Inhibition of *Listeria monocytogenes* by malic acid and grape seed and green tea extracts vacuum-infused into raw chicken breast meat. Food Safety Consortium Annual Report.

**Siebenmorgen, T. J.** 2007. The University of Arkansas Rice Processing Program...methods for interacting with industry. Rice Utilization Workshop. New Orleans, LA. February 1-2.

### **Human Environmental Sciences**

Hammett, R. and **W.C. Bailey.** (2007). A factor analytic study of the personal excellence inventory©, The 2007 Institute for Emotional Intelligence, EI and Leadership: A Vision of Excellence. Texas A&M University, Kingsville.

**Crandall, M.** (2007). Being up front with parents: well-planned program orientation. Southern Early Childhood Association. Jacksonville, FL.

**Crandall, M.** (2007). Save your sanity: well-planned program orientation. Northwest Arkansas Early Childhood Association. Springdale, Arkansas.



Pillai, G., B. Murphy and **M.E. Fitch-Hilgenberg**. (2007). Effect of smoking on plasma vitamin C levels in adult males and females. Arkansas Dietetic Association. Little Rock, Arkansas.

**Gentry, G.M.** and **C. Wallack**. (2007). Educating with precedents: research, application, and design in the studio. IDEC Southwest Regional Conference. Waco, TX.

Ottenbacher, M. and **R.J. Harrington**. (2007). An analysis of the idea generation process of michelin-starred chefs. International CHRIE Conference. Dallas, TX. Poster presentation.

Jones, R. and **S.S. Martin**. (2007). Children observing you, you observing children. Southern Early Childhood Association Annual Conference. Jacksonville, FL.

**Martin, S.S.** and **M. Crandall**. (2007). Overview of how the brain functions as related to emotional development and applications for child guidance techniques. Southern Early Childhood Association Annual Conference. Jacksonville, FL.

Jones, R., **S.S. Martin** and **V. Baldwin**. (2007). A child's right to play: internet resources. Poster presented at Arkansas Association of Family and Consumer Sciences Annual Conference. Fayetteville, Arkansas.

**Martin, S.S.** (2007). Creative activities for toddlers as related to child growth and development. Arkansas Early Childhood Association. Hot Springs, Arkansas.

**Moore, C.K.** (2007). Development and validation of an instrument to assess the knowledge of adults regarding conventional and unconventional dietary methods of weight control. Food and Nutrition Conference and Exposition. Philadelphia, PA.

**Moore, C.K.** (2007). A celebration of culture: meeting course competencies. Arkansas Association of Family and Consumer Sciences. Poster presentation. Fayetteville, Arkansas.

**Robertson, L.J.**, K. Keim and C.A. Taylor. (2007). The disposition to think critically among freshmen students in human environmental sciences. Poster presentation at Arkansas Association of Family and Consumer Sciences Annual Meeting. Fayetteville, Arkansas.

**Sattar, H.** (2007). Sustainable design: teaching interior design students. International Conference of the Environmental Design Research Association. Sacramento, CA.

**Turner, M.J.**, C.R. Young and K.I. Black. (2007). Daughters-in-laws' and mothers-in-laws' perspective on changes in their relationships with the birth of a child/grandchild. Poster presentation. The Gerontological Society of America. San Francisco, CA.

**Wallack, C., N.G. Miller and J.D. Webb.** (2007). Creating the critical being: material culture in the studio. International Conference of the Interior Design Educators Council. Austin, TX.

**Wallack, C.J.** (2007). Wolf in sheep's clothing: television comes home. Popular Culture Association/American Culture Association. Boston, MA.

**Wallack, C.J. and N.G. Miller.** (2007). The quilt project stitching together material culture, motifs and meaning. Interior Design Educators' Conference – International Conference. Austin, TX.

Cheramie, L.M. and **M.M. Warnock.** (2007). Which suit is best? Arkansas Association of Family and Consumer Sciences. Poster presentation. Fayetteville, Arkansas.

**Warnock, M.M.** and M. Wheeler. (2007). Mandan sacred pole. Juried Apparel and Textile Exhibition. American Association of Family and Consumer Sciences. Reno, NV.

Cheramie, L.M. and **M.M. Warnock.** (2007). Performance and durability properties of imported and domestic manufactured men's worsted wool suits. American Association of Family and Consumer Sciences. Reno, NV.

**Warnock, M.M.** and L.M. Cheramie. (2007). Comparative analysis of worsted wool men's suits. American Association of Textile Chemists and Colorists International Conference and Exhibition. Poster presentation. Charleston, SC.

**Way, K.A.** (2007). Hospitality curriculum: a foundational perspective. CHRIE Conference. Poster presentation. Dallas, TX.

## **Horticulture**

Berkett, L.P., **M.E. Garcia,** H.M. Darby, R.L. Parsons, J.P. Hayden, R.E. Moran, T.L. Bradshaw, S.L. Kingsley-Richards and M L. Cromwell. 2007. The OrganicA Project: An Integrated Apple Research, Education, and Extension Project. Proceedings of 4th International Organic Tree Fruit Research Symposium. (poster)

**Buck, J.,** M.Evans and P. Sambo. 2007. Micronutrient concentrations of Sphagnum peat and fresh-ground rice hulls over time in a greenhouse environment. ASHS Annual Conference.

**Buck, J.,** M.Evans and P. Sambo. 2007. Electrical conductivity, pH and macronutrient concentrations of sphagnum peat and fresh-ground rice hulls over time in a greenhouse environment. ASHS Annual Conference.

Burgos, N.R., L. Brandenberger, L. Wells, **D. Motes**, T.E. Morelock, S. Eaton, L. Martin, J. Bullington, C. Baquireza, and V. Shivrain. 2007. Tolerance of cowpea to Halosulfuron and Sulfentrazone. Southern Region American Society Horticultural Science.

**Carson, J.B.** 2007. St. Francis county shade gardening program.

**Carson, J.B.** 2007. Fayetteville Botanical Garden program.

**Carson, J.B.** 2007. Garden Club program, Little Rock.

**Carson, J.B.** 2007. Garvan Garden Plant sale program.

**Carson, J.B.** 2007. Hot Springs Farmers Market program.

**Carson, J.B.** 2007. Hot Springs Village program.

**Carson, J.B.** 2007. Heritage Gardening program, Winrock.

**Carson, J.B.** 2007. Clark Co. Garden Program.

**Carson, J.B.** 2007. Green Industry Meeting.

**Carson, J.B.** 2007. Arkansas County Pruning.

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Rosso, M.L., **Rupe, J.C.**, Mozzoni, L.A., Chen, P., and Rothrock, C. 2007. Inheritance and genetic mapping of resistance to *Pythium* damping-off caused by *Pythium aphanidermatum* in soybean cultivar Archer. *Phytopathology* 97:S101.

Rosso, M.R., **Rupe, J.C.**, Rothrock, C.S., and Chen, P. 2007. Inheritance and genetic mapping of resistance to *Pythium* damping-off caused by *Pythium aphanidermatum* in soybean cultivar Archer. *Southern Soybean Disease Workers*, St. Louis, MO. 34:15.

Rosso, M. L., Rupe, J. C., Mozzoni, L.A., Chen, P. and **Rothrock C.** 2007. Inheritance and genetic mapping of resistance to *Pythium* damping-off caused by *Pythium aphanidermatum* in soybean cultivar Archer. Annual meeting of the American Phytopathological Society, July 28-Aug.1, San Diego.

**Rothrock, C. S.** Arkansas state report. Cotton Foundation Cotton Seedling Disease Committee. December 5-6, Memphis.

**Rothrock C. S.** Disease control options for seedling diseases. Workshop Recognizing and diagnosing your cotton disease problems. 2007 Beltwide Cotton Conferences, Jan.9-12, 2007, New Orleans.

**Rothrock C. S.** Arkansas state report. S-1028 Ecological and genetic diversity of soilborne pathogens and indigenous microflora, Nov 3-4, Lexington KY.

**Rothrock, C. S.** Cotton Disease Management. 2007 Crop Management Conference, Jan 29-Feb 1, Little Rock.

**Rothrock, C. S.** Efficacy of seed treatments on cotton. 2007 Syngenta Seed Care Nematologist Conference, Nov. 1, 2007, Charleston.

**Rothrock, C. S.** 2007. Arkansas state report. S-1028: Ecological and genetic diversity of soilborne pathogens and indigenous microflora.

**Rothrock, C. S.** 2007. Research report to Bayer on the efficacy of seed treatments fungicides on cotton.

**Rothrock, C. S.** 2007. Research report to Syngenta on the efficacy of seed treatments on cotton.

**Rothrock, C. S.** 2007. Research report to Valent on the efficacy of seed treatments fungicides on cotton.

**Rothrock, C. S.** 2007. Seedling disease studies at Judd Hill Plantation, 2006.

**Rothrock, C. S.**, Lee, F. N., Cartwright, R., and Gibbons, J. 2007. Managing seedling disease problems on rice through the development of Pythium resistant cold-tolerant cultivars, fungicides and cultural. Rice Board.

**Rothrock, C. S.** Arkansas state report. Cotton Foundation Cotton Seedling Disease Committee.

**Rothrock, C. S.**, Kirkpatrick, T. L. and Gbur, E. E. 2007. Characterizing within-field distribution and microenvironment of cotton affected by the interaction between nematodes and the black root rot pathogen, *Thielaviopsis basicola*. Cotton Board.

**Rothrock, C. S.**, Colyer, P.D., and Gbur, E. E. 2007. Final report- Development of an on-line producer friendly decision-aid for the use of in-furrow fungicides. Cotton Foundation.

Rupe, J. C., **Rothrock, C. S.**, and Cartwright, R. 2007. Annual Report- Effects of genotype on severity of charcoal rot and yield in soybean. Soybean Board.

Rupe, J. C., **Rothrock, C. S.**, Kirkpatrick, T. L., Popp, M., and Cartwright, R. 2007. Annual Report- Control of seedling disease by fungicide seed treatment and cultivar selection and effect of plant population and seed treatment fungicide on stand and yield. Soybean Board.

Shelton, C., G. Lorenz, **T. Kirkpatrick**, T. Kring, K. Colwell, and J. Hardke. 2007. Comparison of seed treatment technology and nematicides for control of early-season pests in Arkansas. 2007 Beltwide Cotton Conferences. New Orleans, LA. January 9-12. National Cotton Council of America. Memphis, TN.

Shelton, C., G. Lorenz, **T. Kirkpatrick**, T. Kring, C. Colwell, J. Hardke. 2007. Determining efficacy of various seed treatments for control of thrips/nematodes in cotton by monitoring plant growth and development. 2007 Beltwide Cotton Conferences. New Orleans, LA. January 9-12. National Cotton Council of America. Memphis, TN.

Shelton, C., G. Lorenz, **T. Kirkpatrick**, T. Kring, and K. Colwell. 2007. Efficacy of seed treatments for combined control of thrips and nematodes in Arkansas cotton. Southeastern Branch, Entomology Society of America. Knoxville, TN. March 4-7.

Shelton, C., G.M. Lorenz, Terry Kirkpatrick, T. Kring, C.K. Colwell, H. Wilf, and B. VonKennal. 2007. Importance of combined control of thrips and nematodes in Arkansas cotton. Arkansas Crop Protection Association. Fayetteville, AR, Dec. 3-5.

**Spradley, J. Ples.** EPA/States meeting for EPA Region 6, October 17-18, 2006 in Dallas, TX.

**Spradley, J. Ples.** Horticulture Industries Show, January 5-6, in Fort Smith, AR.

**Spradley, J. Ples.** Southern Sustainable Agriculture Working Group Annual Meeting, January 25-28, 2007, Louisville, KY.

**Spradley, J. Ples.** American Association of Pest Control Officials, March 4-7, 2007, Arlington, VA.

**Spradley, J. Ples.** Western States Pesticide Annual Meeting, May 15-17, 2007, Portland, OR.

**Spradley, J. Ples.** EPA/States meeting for EPA Region 6, May 21-23, 2007, Dallas, TX.

**Spradley, J. Ples.** Southern Region Pesticide Safety Education Program Annual Meeting, June 18-20, 2007, New Orleans, LA.

**Spradley, J. Ples.** Southern Region IPM Center Advisory and Steering Committee Meetings, July 9-10, 2007, Raleigh, NC.

**Spradley, J. Ples.** Sustaining State Pesticide Programs, 2007 North American Pesticide Applicator Certification & Safety Education Workshop, 8/21/07, Portland, ME (international).

**Spradley, J. Ples.** Pesticide Labeling & Safety, Oklahoma Vegetation Management Association Annual Meeting, 9/27/07, Wagoner, OK.

**Spradley, J. Ples.** Pesticide Labeling & Safety, Arkansas Pest Management Association Annual Meeting, 9/18/07, Little Rock, AR.

**Spradley, J. Ples.** Pesticide Safety Training for Extension's seasonal employees at the Lonoke Extension Center, 5/30/07, Lonoke, AR.

**Spradley, J. Ples.** Pesticide Safety for Cotton Scouts, 5/24/07, Jonesboro, AR.

**Spradley, J. Ples.** The Fate of Pesticides in the Environment, Environmental Awareness Seminar and Exposition, 5/1/07, Clinton Library, Little Rock, AR.

**Spradley, J. Ples.** Initial Certification Training for Commercial/Non-Commercial Applicators, 3/29/07, Little Rock, AR.

**Spradley, J. Ples.** Initial Certification Training for Arkansas Highway and Transportation Department employees, 3/29/07, Little Rock, AR.

**Spradley, J. Ples.** Initial Certification Training for Arkansas Highway and Transportation Department employees, 3/22/07, Little Rock, AR.

**Spradley, J. Ples.** Initial Certification Training for Commercial/Non-Commercial Applicators, 3/21/07, Monticello, AR.

**Spradley, J. Ples.** Initial Certification Training for Commercial/Non-Commercial Applicators, 3/19/07, Fayetteville, AR.

**Spradley, J. Ples.** Initial Certification Training for Commercial/Non-Commercial Applicators, 3/13/07, Jonesboro, AR.

**Spradley, J. Ples.** Pesticide Safety for Home Gardeners, Master Gardener training, 3/1/07, Pine Bluff, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 2/13/07, Little Rock, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 2/7/07, Little Rock, AR.

**Spradley, J. Ples.** Pesticide Regulatory Update, Cotton Growers meeting, 2/6/07, Marianna, AR.

**Spradley, J. Ples.** Pesticide Issues, Arkansas Green Industry Association Annual Meeting, 1/18/07, Hot Springs, AR.

**Spradley, J. Ples.** Pesticide Safety for Homeowners, Woods Feed Store (sponsored by Lonoke County Extension Office), 1/16/07, Cabot, AR.

**Spradley, J. Ples.** Recertification Training for Aerial Applicators, Arkansas Agricultural Aviation Association Annual Meeting, 1/15/07, Little Rock, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 1/9/07, Monticello, AR.

**Spradley, J. Ples.** Recertification Training for Arkansas Highway and Transportation Department employees, 12/14/06, Fort Smith, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 12/7/06, Brinkley, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 11/30/06, Jonesboro, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 11/27/06, Fayetteville, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 11/21/06, Little Rock, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators, 11/7/06, Little Rock, AR.

**Spradley, J. Ples.** Recertification Training for Commercial/Non-Commercial Applicators sponsored by Estes, Inc, 10/11/06, Springdale, AR

Shelton, C., G. Lorenz, **T. Kirkpatrick**, T. Kring, and K. Colwell. 2007. Efficacy of seed treatments for combined control of thrips and nematodes in Arkansas cotton. Southeastern Branch, Entomology Society of America. Knoxville, TN. March 4-7. (Peer reviewed).

Shelton, C., G.M. Lorenz, **Terry Kirkpatrick**, T. Kring, C.K. Colwell, H. Wilf, and B. VonKennal. 2007. Importance of combined control of thrips and nematodes in Arkansas cotton. Arkansas Crop Protection Association. Fayetteville, AR, Dec. 3-5.

Still, J.A. and **T. L. Kirkpatrick**. 2007. Seasonal reniform nematode population dynamics in northeastern and east-central Arkansas. Joint meeting of the American Phytopathological Society and the Society of Nematologists. July 28-August 1. San Diego, CA.

Still, J.A. and **T.L. Kirkpatrick**. 2007. Seasonal reniform nematode population dynamics in northeastern and east-central Arkansas. *Journal of Nematology* 39:89-90 (abstr.). (Peer reviewed).

**Vann, Stephen R.** Pesticide Applicator Training presentation Jan.07.

**Vann, Stephen R.** 2007. Arkansas Christmas Tree Growers Assn.-Presentation.

**Vann, Stephen R.** 2007. Tree Care Workshop

**Vann, Stephen R.** 2007. Landscape Maintenance. Seminar-Ft. Smith, AR

**Vann, Stephen R.** 2007. Horticulture Industries Show - Ft. Smith, AR.

**Vann, Stephen R.** 2007. Second annual Home, Garden, Landscape, and RV Show - Muskogee, OK.

**Vann, Stephen R.** 2007. Arkansas Green Industries Show - Hot Springs, AR.

**Vann, Stephen R.** 2007. CAPS member/Exotic Pests/Contributing author.

**Vann, Stephen R.** 2007. Horticulture Industries Show - Taking Digital Images (Abstr/Pres).

**Vann, Stephen R.** Master Gardener Training Presentations for the following counties\*\*:  
Crittenden, Cross, St. Francis, Independence, Sharp, Fulton, Benton, Washington, Sebastain,  
Crawford, Woodruff, Garland, White, Clay, Dallas, Nevada, Union, Columbia, Calhoun, Clarke,  
Pulaski, Craighead, Lonoke, Saline, Montgomery, Quachita, St. Francis, Faulkner, Baxter,  
Jefferson, Cross, Prairie, Yell, Pope, Stone, VanBuren, Miller, Jackson, Monroe, Izard. \*\* Each  
presentation may include from 2-4 counties. (Total MG presentations for 2007 =20).

**Vann, Stephen R.** Classroom Lecture- AR. Tech. Univ. Plant Pathology class lecture 11/07 (7  
Yrs).

**Vann, Stephen R.** Guest lecture-ASU (Jonesboro)-Field crop diseases. Gardening Seminar- Mtn.  
Home 03/2007.

**Vann, Stephen R.** Horticulture Inspection Society-Baton Rouge, LA Digital Diagnosis  
Spring 2007 Retail Nurseryman's Tuneup"-

**Vann, Stephen R.** Professional Dev. Activities for Ag. Instructors-Turf Maintenance  
Presentation, Vegetable Gardening Seminar- 02/07.

**Vann, Stephen R.** Arkansas Green Industry Meeting -Jan.07, Lawn and Garden Expo.  
Villarroel-Zeballos, M. I., du Toit, L. J., and **Correll, J. C.** 2007. Verticillium wilt of spinach  
and screening for disease resistance. International Spinach Conference, Seaside, CA. Sept. 24-  
25.

Villarroel-Zeballos, M. I., du Toit, L. J., and **Correll, J. C.** 2007. Screening for disease  
resistance to *Verticillium dahliae* in spinach. *Phytopathology* 97 :S118.

Wilfrida and **R. T. Robbins.** 2007. The who, what, and where of Longidoridae and  
Trichodoridae. *Phytopathology* 97:No, 7 (supplement) 133.

Wilson, G., J.D. Barham, R.J. Bateman, and **T. L. Kirkpatrick.** 2007. Tolerance in cotton  
cultivars to *Meloidogyne incognita* in the field. 2007 Beltwide Cotton Conferences. New  
Orleans, LA. January 9-12. National Cotton Council of America. Memphis, TN.

Winters, S. A., and **Rothrock, C. S.** Results from the national cottonseed treatment program for  
2006. 2007 Beltwide Cotton Conferences, Jan 9-12, New Orleans.

## Poultry Science

G. Tellez, F. Avalos-Reyes, L. Rodríguez-Fragoso, M. Rendón-Martínez, C. Pixley, A. Wolfenden, **W. Bottje**, B.M. Hargis, J. Reyes-Esparza. Evaluation of a Probiotic in the Treatment of Acute Infectious Diarrhea in Children South Central Branch Annual Meeting of the American Society for Microbiology.

S. L. Layton, M. M. Cox, K. Cole, T. Jiang, J. L. Gallagher, L. R. Berghman, **W. G. Bottje**, B. M. Hargis, Y. M. Kwon. Construction and Evaluation of M2e-Expressing *Salmonella*-Based Vaccines for Avian Influenza. (May 21-25, 2007). American Society for Microbiology 107<sup>th</sup> General Meeting. Toronto, Canada.

G. Tellez, F. Avalos-Reyes, L. Rodríguez-Fragoso, M. Rendón-Martínez, C. Pixley, A. Wolfenden, **W. Bottje**, B.M. Hargis, J. Reyes-Esparza. Evaluation of a Probiotic in the Treatment of Acute Infectious Diarrhea in Children South Central Branch Annual Meeting of the American Society for Microbiology.

SL Layton, K Cole, MM Cox, YM Kwon, LR Berghman, **W.G. Bottje**, and BM Hargis. Evaluation of Avian Influenza Prophylaxis Following Live *Salmonella*-Vectored M2e Vaccine Candidate Administration. November 2007. South Central Branch Society of Microbiology. Little Rock, AR.

S. L. Layton, M. M. Cox, K. Cole, T. Jiang, J. L. Gallagher, L. R. Berghman, **W. G. Bottje**, B. M. Hargis, Y. M. Kwon. Construction and Evaluation of M2e-Expressing *Salmonella*-Based Vaccines for Avian Influenza. (May 21-25, 2007). American Society for Microbiology 107<sup>th</sup> General Meeting. Toronto, Canada.

**Bramwell, R. K.**, S. N. Henderson, and D. E. Yoho, 2007. On farm hatching egg handling and cooling. Proceedings of the Jamesway Hatchery Management Seminar, Bangkok, Thailand, March 6-7.

**Bramwell, R. K.**, 2007. Getting hatch before the hatchery. Proceedings of the Florandale Feedmill Producers Workshop, Kitchner, Ontario, Canada, March 21.

**Bramwell, R. K.**, S. N. Henderson, and D. E. Yoho, 2007. Handling and care of commercial hatching eggs at the farm level. Proceedings of the Deep South Poultry Conference, Tifton, GA, April 4.

**Bramwell, R. K.**, S. N. Henderson, and D. E. Yoho, 2007. On farm hatching egg handling and care. Proceedings of the Jamesway Hatchery Management Seminar, Puerto Plata, Dominican Republic, April 18-20.

**Bramwell, R. K.**, J. R. Moyle, D. E. Yoho, R. S. Harper, and A. D. Swaffar, 2007. Hatching egg quality and the sperm penetration analysis. Proceedings of the Annual Poultry Federation Symposium Hatchery Section, Springdale, AR, April 24.

**Bramwell, R. K.**, S. N. Henderson, and D. E. Yoho, 2007. On farm hatching egg handling and care. Proceedings of the Annual Poultry Federation Symposium Breeder Section, Springdale, AR, April 24.

**Bramwell, R. K.**, and C. Fritts, 2007. Hatching egg handling and care at the farm level. Proceedings of the US Poultry & Egg Association Hatchery Breeder Clinic, Atlanta, GA. July 10-11.

**Bramwell, R. K.**, and M. De Beers, 2007. Alternative feeding programs when rearing replacement broiler breeder pullets. Proceedings of the Arkansas Nutrition Conference. Rogers, AR. September 13.

**Bramwell, R. K.**, 2007. On-farm hatching egg storage and handling. Proceedings of the Georgia Poultry Conference, Hatchery section, Athens, GA. September 24-25.

Manangi, M.K. and **C.N. Coon**. 2007. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Proceedings for the Midwest Poultry Federation Convention. St Paul, MN. March 13, 2007.

**Coon, C.** 2007. Nutrient requirement of laying hens. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. May 7, 2007.

**Coon, C.** 2007. Optimizing ingredient utilization through a better understanding of amino acid bioavailability. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización Nutrición Avícola. San José, Costa Rica. May 8, 2007.

**Coon, C.** 2007. The development of a chick retention bioassay for evaluating phosphorus sources and determining requirements. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. May 9, 2007.

**Coon, C.** 2007. The present and future utilization of biotechnology in the feed industry. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. May 10, 2007.

**Coon, C.** 2007. The digestible amino acid requirement of broilers for maintenance and gain. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. May 11, 2007.



**Coon, C.** 2007. Modeling energy requirements for commercial layers. AMENA Conference, Guadalajara, Mexico. May 24, 2007.

**Coon, C.** 2007. Modeling amino acid requirements for commercial layers. AMENA Conference, Guadalajara, Mexico. May 24, 2007.

**Coon, C.** 2007. The feeding value of distillers dried grains and solubles for broilers and layers. US Grain Council Conference. Amman, Jordan. June 26, 2007.

**Coon, C.** 2007. The feeding value of distillers dried grains and solubles for broilers and layers. VIV Poultry Show and Conference . Istanbul, Turkey. June 29, 2007.

**Coon, C.** 2007. The digestible ideal amino acid requirements of broilers, layers, and broiler breeders. United Soybean Board and International Marketing Conference. Amman, Jordan. July 15, 2007.

**Coon, C.** 2007. Broiler Integration in the U.S. United Soybean Board and International Marketing Conference. Amman, Jordan. July 15, 2007.

**Coon, C.** 2007. Broiler feeding strategies in the U.S. United Soybean Board and International Marketing Conference. Izmir, Turkey. July 18, 2007.

**Coon, C.** 2007. Temperature and dietary energy for layers. United Soybean Board and International Marketing Conference. Izmir, Turkey. July 19, 2007.

**Coon, C.** 2007. Broiler feeding strategies in the U.S. United Soybean Board and International Marketing Conference. Sharm El Sheikh, Egypt. July 21, 2007.

**Coon, C.** 2007. Maximizing energy utilization for layers with environmental temperatures. United Soybean Board and International Marketing Conference. Sharm El Sheikh, Egypt. July 21, 2007.

**Coon, C.** 2007. Nutritional value of DDGS for broilers and layers. ASA-IM 12<sup>th</sup> Annual Regional Soybean Conference. Istanbul, Turkey. August 28, 2007.

**Coon, C.** 2007. Maximizing energy utilization for layers with environmental temperatures. ASA-IM 12<sup>th</sup> Annual Regional Soybean Conference. Istanbul, Turkey. August 29, 2007.

De Beer, M., R.W. Rosebrough, B.A. Russell, S.M. Poch, M.P. Richards, J.P. McMurtry, and **C.N. Coon.** 2007. The role of feeding regimens in regulating metabolism of broiler breeders: hepatic lipid metabolism, plasma hormones and metabolites. ISEP-2<sup>nd</sup> International Symposium on Energy and Protein Metabolism and Nutrition. Vichy, France. September 12, 2007.

**Coon, C.** 2007. Maximizing energy utilization for poultry. 68<sup>th</sup> MN Nutrition Conference. Minneapolis, MN. September 18, 2007.

**Coon, C.** 2007. Formulating feed for broilers and layers using corn distillers dried grains and solubles. US Grain Council Conference. Moscow, Russia. December 7, 2007.

**Donoghue, D. J.** Mannan-oligosaccharide yeast extract supplementation enhances early gut development in turkey poults. XVI<sup>th</sup> European Symposium on Poultry Nutrition Strausborg, France.

Aguiar, V.F. Reyes-Herrera, I., Solis de los Santos, F.S., Dirain, M.L., Metcalf, J., Blore, P.J., Donoghue, A.M. and **Donoghue, D.J.** (2007) Novel isolation procedures for developing probiotic cultures against *Campylobacter* for poultry. National Poultry Science Meeting, Poultry Science Association, San Antonio, Texas.

Reyes-Herrera, I. Cole, K., de los Santos, F.S., Donoghue, A.M., Stern, N.J. Svetoch, E.A., Eruslanov, B.N., Pereygin, V.V., Mitsevich, E.V., Mitsevich, I.P., Levchuk, V. P.M. Farnell, M.B., Blore, P.J. and **Donoghue, D.J.** (2007) *Campylobacter* colonization reduced and gastrointestinal architecture is altered in turkey poults fed bacteriocins. National Poultry Science Meeting, Poultry Science Association, San Antonio, Texas.

Metcalf, J. , Venkitanarayanan, K., de los Santos, F.S., Donoghue, A.M., Dirain, M., Reyes-Herrera, I., Aguiar, V., Blore, P.J. and **Donoghue, D.J.** (2007) Dosing with the fatty acid, sodium caprylate in the water did not reduce enteric *Campylobacter* concentrations in broilers. National Poultry Science Meeting, Poultry Science Association, San Antonio, Texas.

Solis de los Santos F., Dirain, M.L., Blore, P.J., Reyes-Herrera, I. Donoghue, A.M. and **D. J. Donoghue** (2007) *Campylobacter jejuni* colonization alters mucin dynamics and gut architecture in broilers. National Poultry Science Meeting, Poultry Science Association, San Antonio, Texas.

Farnell, M.B., Donoghue, A.M., de los Santos, F.S., Blore, P.J., Hargis, B.M., Tellez G. and **Donoghue, D. J.** 2007. Immunopotential of Avian Heterophils with Microbial Agonists. National Poultry Science Meeting, Poultry Science Association, San Antonio, Texas.

**Erf, G. F.** Overview of the Smyth line chicken model for autoimmune disease. Meeting with visiting scientist, POSC/USDA researchers and collaborators, September 2007.

**Erf, G. F.**, B. Lockhart, O. T. Bowen, K. Bateman, and R. Finley. 2007. Using the chicken feather as a window into cell-mediated tissue responses. Annual Meeting of the American Association of Immunologists, Miami, Florida; May 2007.

**Erf, G. F.**, B. Lockhart, K. Bateman, R. Finley, and O.T. Bowen. The feather as an in vivo test tube for tissue immune responses. Joint meeting of Animal-, Dairy- and Poultry-Science. San Antonio Texas, July 2007.

**Erf, G. F.**, B. L. Plumlee, K. D. Bateman, C. T. Trovillion, and R. C. Finley. 2007. Examination of early events in the development of autoimmune vitiligo in the Smyth line chicken model. Annual Meeting of the Pan-American Society of Pigment Cell Research, September 2007. - paper *competitively selected* for oral presentation

**Erf, G. F.**, NE-1016 “Technical Committee Meeting; research presentation, University of Guelph, Canada.

**Goodwin Jr., H. L.**, Semi-annual Deliverable Report prepared for USDA/EPA Grant 7059, September, 2007.

**Goodwin Jr., H. L.**, “Ozark Nutrient Management Project, Feasibility Assessment of Establishing the Ozark Litter Bank”, Deliverable Report prepared for USDA/NRCS Grant 69-7103-6-103, September 10, 2007.

**Goodwin Jr., H. L.**, R. I. Carreira, K. B. Young, S. J. Hamm, A. C. Armstrong, “Assessment of Multimodal Transport of Baled Poultry Litter and Dewatered Biosolids from Northwest Arkansas”, Final Report prepared for Mack Blackwell Transportation Center Grant 7015, July 3, 2007.

**Goodwin Jr., H. L.**, “Ozark Nutrient Management Project, Feasibility Assessment of Establishing the Ozark Litter Bank”, Deliverable Report prepared for USDA/NRCS Grant 69-7103-6-103, May 25, 2007.

**Goodwin Jr., H. L.**, Mammoth Corporation, “Packaging of Poultry Litter for Economically Viable Storage and Transportation: Phase II” Interim Progress Report prepared for USDA/SBIR Grant 2006-03105, May 17, 2007.

**Goodwin Jr., H. L.**, Semi-annual Deliverable Report prepared for USDA/EPA Grant 7059, April 30, 2007.

**Goodwin Jr., H. L.**, “Feasibility Assessment of Establishing the Ozark Litter Bank”, Final Project Report prepared for USDA/NRCS Grant 69-7103-4-083, April 10, 2007.

**Goodwin Jr., H. L.**, Nathan Kemper, “Poultry Litter Baling to Facilitate Transportation and Storage” presentation, Manure-To-Energy Workshop, Southern Region Water Quality Conference, September 14, 2007.

**Goodwin H. L. Jr.**, A.C. McKenzie, S.J. Hamm, "The Broiler Corn Ratio: Is it an Indicator of Fattened Broiler Profits", Selected Paper for presentation at the American Agriculture Economics Association Annual Meeting, Portland OR., July 29- August 1, 2007.

Kemper, N. P., **H. L. Goodwin, Jr.**, S.J. Hamm, "Feasibility and Production Costs of Composting Breeder and Pullet Litter with Eggshell Waste", Selected poster prepared for presentation at the American Agriculture Economics Association Annual Meeting, Portland OR., July 29-August 1, 2007.

**Goodwin Jr., H. L.**, "Successful Contracting: What are the Questions?", presentation, American Farm Bureau Contracting Summit, St. Louis MO, April 19/20, 2007.

**Goodwin Jr., H. L.**, "Summation: What Have We Learned?", presentation, American Farm Bureau Contracting Summit, St. Louis MO, April 19/20, 2007.

**Goodwin Jr., H. L.**, "Poultry Litter in the Ozarks: Technology and Management Alternatives", presentation, National Commission on Industrial Farm Animal Production public hearing, February 13, 2007.

**Goodwin, Jr. H. L.**, " Are We Living in Our Sweet Spot: Land-Grant Institutions and Land-Grant Professionals - Past, Present, and Future", Presidential Address, Invited presentation at the Southern Agricultural Economics Association Annual Meeting, Mobile, AL., February 4-7.

Kemper N., **H. L. Goodwin, Jr.**, S. J. Hamm, "The Economic Potential of Composting Breeder and Pullet Litter with Eggshell Waste", Selected paper for presentation at the Southern Agricultural Economics Association Annual Meeting, Mobile, AL., February 4-7, 2007.

Armstrong A. C., **H. L. Goodwin, Jr.** S. J. Hamm, "Co-Processed Poultry Litter and De-Watered Municipal Biosolids: Feasibility as an Alternative Management Approach for Surplus Poultry Litter", Selected paper for presentation at the Southern Agricultural Economics Association Annual Meeting, Mobile, AL, February 4-7, 2007.

G. Tellez, A. Sandoval-Ocampo, M. Corbalá-Nava, I. Quintero-Ávila Ilcie, L. Rodríguez-Fragoso, C. Pixley, A.D. Wolfenden, **B.M. Hargis**, and J. Reyes-Esparza. Evaluation of the efficacy of a probiotic mixture in the treatment of chronic constipation. South Central Branch Annual Meeting of the American Society for Microbiology.

G. Tellez, A. Sandoval-Ocampo, M. Corbalá-Nava, I. Quintero-Ávila Ilcie, L. Rodríguez-Fragoso, C. Pixley, A.D. Wolfenden, **B.M. Hargis**, and J. Reyes-Esparza. Evaluation of the efficacy of a probiotic mixture in the treatment of chronic constipation. South Central Branch Annual Meeting of the American Society for Microbiology.

G. Tellez, A.D. Wolfenden, J.L. Vicente, L. Aviña, J.P. Higgins, R. Andreatti Filho, S.E. Higgins, C. Pixley, G. Gaona, **B.M. Hargis**. Inmunidad de la Mucosa Gástrica. Jornadas Médico Avícolas. Universidad Autónoma de Chiapas, Marzo 13-15, Tuxtla Gutiérrez, Chiapas.

A.D. Wolfenden, J.L. Vicente, J.P. Higgins, R. Andreatti, S.E. Higgins, G. Tellez, **B.M. Hargis**. Effect of organic acids and probiotics on Salmonella enteritidis (SE) infection in broiler XXXII Convención Nacional de Especialistas en Ciencias Avícolas, Abril 25-28, Acapulco, Guerrero, México.

J. L. Vicente, L. Aviña, G. Tellez y **B.M. Hargis**. Selección de Bacterias Benéficas para el Control de Infecciones y su Papel en Parámetros Productivos en Avicultura Comercial. XXXII Convención Nacional de Especialistas en Ciencias Avícolas, Abril 25-28, Acapulco, Guerrero, México.

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G. Tellez, A.D. Wolfenden, J.L. Vicente, L. Aviña, J.P. Higgins, R. Andreatti Filho, S.E. Higgins, C. Pixley, G. Gaona, **B.M. Hargis**. Inmunidad de la Mucosa Gástrica. XXIV Congreso Avícola Internacional, Universidad Autónoma Juárez de Tabasco, Villahermosa, Tabasco, Agosto 29-30 del 2007.

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J.P. Higgins, S.E. Higgins, A.D. Wolfenden, G. Tellez, and **B.M. Hargis**. development of a performance-enhancing *Lactobacillus*-based probiotic culture: Evaluation for reduction of *Salmonella enteritidis* in neonatal broiler chicks. 20<sup>th</sup> Latin American Poultry Conference, Porto Alegre, Brazil, September 2007.

**B.M. Hargis** NTF February 2007. Research on Turkey Cellulitis at the University of Arkansas.

**B.M. Hargis** Bangkok February/March 2007. Neonatal Nutrition and Lactobacillus Treatment of Chicks and Effects on Immune Performance.

**B.M. Hargis** Washington D.C. March 2007. Presentation of Vaccine Technology to Congressional Staffers.

**B.M. Hargis** Green Forest with Dustin Clark March 2007. Discussion on Current Disease Issues.

**B.M. Hargis** Poultry Processors Meeting Atlanta, May 2007. Unintended Regulatory Effects on Antemortem Food Safety for Poultry.

**B.M. Hargis** Batesville August 2007. Alternatives for Sanitation to Meet Regulatory Standards at Processing.

**B.M. Hargis** XXIV Congreso Avicola Internacional, Universidad Autonoma Juarez de Tabasco, Villahermosa, Tabasco, Agosto 29-30 del 2007. Immunization of Poultry Under Commercial and Low-Intensity Conditions: Considerations and Vaccine Selections.

**B.M. Hargis** China December 2007. Effects of Selected Probiotics and Neonatal Nutrition Supplements on Poultry Health and Resistance to Diseases.

Cox, M.M. S.L. Layton, K. Cole, T. Jiang, L. R. Berghman, **B. M. Hargis**, W. G. Bottje, and Y.M. Kwon. 2007. Construction and evaluation of M2e-expressing *Salmonella*-based vaccines for avian influenza. American Society for Microbiology 107<sup>th</sup> General Meeting, Toronto, Canada.

**Kong, B.W.** Foster LK and Foster DN. Application of the Sleeping Beauty transposon system to avian cells. 2007. Annual Meeting of Poultry Science Association, San Antonio, TX .

**Kong, B.W.** "Application of the Sleeping Beauty transposon system to avian cells". Annual Meeting of Poultry Science Association, San Antonio, TX.

**Kong, B.W.** "Cell Culture Approach for ILT Vaccine Development". Fall AR Poultry Vet Meeting, Fayetteville, AR.

**Kong, B.W.** “Poultry Researches at University of Arkansas”. National Institute of Animal Science, Chunan, Korea.

**Kuenzel, W.J.** and A. Jurkevich. 2007. A neurobehavioral approach to address fertility in male broiler breeders. USDA/NRI Annual Meeting, Funded Competitive Grants, Animal Reproduction Program, July 25-26, 2007, San Antonio, TX.

**Kuenzel, W.J.** and H. Li. 2008. First responding genes following activation of the photoneuroendocrine system of chicks, *Gallus gallus*. (Given at the NC-1008 Multistate Research Project, Poultry Workshop, held in conjunction with the Plant and Animal Genome XIV Conference, January 12-16, 2008, San Diego, CA).

**Kuenzel, W.J.** and A. Jurkevich. 2007. Neuroendocrine and behavioral traits for the selection of male breeders. Cobb Monthly Meeting of Geneticists, Dec.12, 2007.

G. Gaona-Ramírez, S.L. Layton, A.D. Wolfenden, R.E. Wolfenden, N.R. Pumford, G. Tellez, **Y.M. Kwon**, K. Cole, W.G. Bottje, B.M. Hargis. Evaluation of *in-ovo* (CHICKEN) administration of a novel vector vaccine for Avian Influenza. South Central Branch Annual Meeting of the American Society for Microbiology November 2nd and 3rd, 2007, University of Arkansas at Little Rock.

R.E. Wolfenden, S.L. Layton, A.D. Wolfenden, G. Gaona-Ramírez, N.R. Pumford, K.Cole, **Y.M. Kwon**, G. Tellez, B.M. Hargis. Evaluation of candidate recombinant *Salmonella*-vectored *Salmonella* vaccines. South Central Branch Annual Meeting of the American Society for Microbiology.

S. Shivaramaiah, E.V. Eskridge, S.L. Layton, N.R. Pumford, A.D. Wolfenden, R. E. Wolfenden, G. Gaona-Ramírez, J.R. Barta, **Y.M. Kwon**, B.M. Hargis, G. Téllez. Evaluation of an  $\Delta$ aroA/ $\Delta$ htrA *Salmonella enteritidis* vector expressing *Eimeria maxima* TRAP family protein EmTFP250 with CD154 (CD40L) as candidate vaccines for selected Protozoal Parasites. South Central Branch Annual Meeting of the American Society for Microbiology.

SL Layton, K Cole, MM Cox, **YM Kwon**, LR Berghman, WG. Bottje, and BM Hargis. Evaluation of Avian Influenza Prophylaxis Following Live *Salmonella*-Vectored M2e Vaccine Candidate Administration. November 2007. South Central Branch Society of Microbiology. Little Rock, AR.

G. Gaona-Ramírez, S.L. Layton, A.D. Wolfenden, R.E. Wolfenden, N.R. Pumford, G. Tellez, **Y.M. Kwon**, K. Cole, W.G. Bottje, B.M. Hargis. Evaluation of *in-ovo* (CHICKEN) administration of a novel vector vaccine for Avian Influenza. South Central Branch Annual Meeting of the American Society for Microbiology November 2nd and 3rd, 2007, University of Arkansas at Little Rock.

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SL Layton, K Cole, D Kapczynski, **YM Kwon**, WJ Bottje, BM Hargis. Bacterial Vectored Vaccine for AI & Other Diseases. October 22, 2007. ARVMA Fall Meeting. Fayetteville, AR. K. Cole, Layton SL, Cox MM, **Kwon YM**, Bergman LR, Bottje WG, Hargis BM. Development and primary evaluation of recombinant *Salmonella* expressing M2e and CD154 as a vaccine vector for avian influenza. (March 20-22, 2007). World Organization for Animal Health: Vaccination: a tool for the control of avian influenza. Verona, Italy.

S. L. Layton, K. Cole, M. M. Cox, J.L. Gallagher, T. Jiang, **Y. M. Kwon**, L. R. Berghman, W. J. Bottje, and B. M. Hargis. Development and initial evaluation of a candidate M2e-based avian influenza vaccine utilizing recombinant *Salmonella* as a vaccine vector. January 2007. SPSS/Southern Conference on Avian Disease. Atlanta, GA.

**Kwon, Y.M.** Invited lecture. 2007. Application of transposon signature profiling to study bacterial virulence. The 4<sup>th</sup> Trivandrum Biotechnology conference, New Horizons in Biotechnology NHBT-2007, November 26-29, Trivandrum, India.

Shivaramaiah, S., E.V. Eskridge, S.L. Layton, N.R. Pumford, A.D. Wolfenden, R.E. Wolfenden, G. Gaona-Ramírez, J.R. Barta, **Y.M. Kwon**, B.M. Hargis, and G. Téllez. 2007. Evaluation of an  $\Delta$ aroA/ $\Delta$ htrA *Salmonella enteritidis* vector expressing *Eimeria maxima* Trap family protein EMTFP250 with CD154 (CD40L) as candidate vaccines for selected protozoal paraxites. ASM Annual Meeting, South Central Branch ASM, Nov. 2-, Little Rock, Arkansas.

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**Li, Y.**, R. Wang, Z. Ye, B. Hargis, S. Tung, and L. Berghman. 2007. A portable biosensor for in-field detection of avian influenza viruses. Presented at IAFP 2007 94th Annual Meeting, July 8-11, 2007, Orlando, FL.

Wang, R., **Y. Li**, B. Hargis, S. Tung, L. Berghman, W. Bottje, K. Lassiter, R. Brewer, and B. Srinivasan. 2007. Rapid screening of avian influenza virus H5N1 by magnetic nanobeads based microfluidic biosensor. Presented at ASABE 2007 Annual Meeting, June 17-20, 2007, Minneapolis, MN. ASABE Paper No. 077112.

Cooney, L., **Yanbin Li**, Wenjun Dong, Ryan Tian, Hong Wang, and Michael Slavik. 2007. U.V. Catalysis with novel TiO<sub>2</sub> Nanofiber coating for bactericidal activity against *E. coli* 0157:H7 and *Listeria monocytogenes*. Presented at IFT Annual Meeting, July 2007. Chicago, IL. P. 69.

Martin, Elizabeth, Yale Lary, Carl Griffis, Katherine Vaughn, Carol Boger, and **John Marcy**. 2007. Antimicrobial effects of A&B Ingredients CytoGuard® on the survival of *Listeria monocytogenes* surface-inoculated onto Bar-S® Foods Co. hot dogs, vacuum-packed and stored at 4° C. Annual meeting of International Association of Food Protection (IAFP), Orlando, FL.

**Owens, C.M.** 2007. Multi-media modular-based poultry processing, products and food safety curriculum. Final report (termination) for USDA HEC grant project.

SC Munnaluri DO Loyd and **DD Rhoads**. Analysis of Unique Non-coding RNAs from the Chicken Reproductive Tract. Plant and Animal Genome, San Deigo, CA, Jan. 2007.

B Flack, and **D.D. Rhoads**. Cloning And Analysis Of The Chicken DAZL (Deleted In Azoospermia-Like) Promoter As A Marker For Primordial Germ Cell Development. Plant and Animal Genome, San Deigo, CA, Jan. 2007.

**D.D. Rhoads**. Mapping of genes affecting male fertility in the rooster. USDA Multistate Research Project S1020, Jeckyll Island Club, GA, Nov 2007.

Sirsat, S.A.\*, S.E. Dowd, V.I. Chalova, A. Muthaiyan, and **S.C. Ricke**. 2007. Effect of temperature on gene expression of *Salmonella* Typhimurium. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

Lungu, B., R. Story, **S.C. Ricke**, and M.G. Johnson. 2007. The role of protein synthesis in the starvation survival responses of *Listeria monocytogenes* 10403S and *ΔsigB* mutant. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

Saldivar, J.C., B. Lungu, V.I. Chalova, **S.C. Ricke**, and M.G. Johnson. 2007. Isolation and characterization of *Listeria monocytogenes* 10403S mutant strains showing impaired growth at 4 °C compared to wild type strain 10403S. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

Nannapaneni, R., E. Friedly, P.G. Crandall, **S.C. Ricke**, and M.G. Johnson. 2007.

*Campylobacter jejuni* and *C. coli* sensitivity to citrus-based natural extracts. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

Nannapaneni, R., K.C. Wiggins, R. Story, **S.C. Ricke**, and M.G. Johnson. 2007. Differences in total *Campylobacter* and total ciprofloxacin-resistant *Campylobacter jejuni* on retail raw chicken carcasses from one processor but different retail sources in 2006. Amer. Soc. Microbiol. General 107<sup>th</sup> Annual Meeting, Toronto, Canada.

Nannapaneni, R., P. Crandall, **S.C. Ricke**, and M.G. Johnson. 2007. Antimicrobial activity of citrus-based natural extracts against *E. coli* O157:H7. International Assoc. of Food Protection Annual Meeting, Lake Buena Vista, FL.

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Friedly, E., C.A. O'Bryan, V. Cahlova-Zhekova, P. G. Crandall, **S.C. Ricke**. 2007. Response of *Salmonella* strains to all natural citrus antimicrobials. International Assoc. of Food Protection Annual Meeting, Lake Buena Vista, FL.

Chalova, V.I., Y.M. Kwon, J. M. Lingbeck, and **S.C. Ricke**. 2007. Antimutagenic capabilities of selected *Lactobacillus* spp. and *Bifidobacterium bifidum* ATCC 11863 supernatants at different growth phases. International Assoc. of Food Protection Annual Meeting, Lake Buena Vista, FL.

Chitturi, V., N.S. Hettiarachy, M.G. Johnson, and **S.C. Ricke**. 2007 Antimicrobial activity of phenolic compounds from green tea and grape seed extracts. Institute of Technologists Annual Meetings, Chicago, IL.

Hanning, I., and **M. Slavik**. 2007. Mechanisms of biofilm formation by *Campylobacter jejuni*. Progress report for USDA/CREES Food Safety.

Gilbert, C., H. Kanta, B. Vaughn, I. Hanning and **M. Slavik**. 2007. Prevalence and comparison of cytolethal distending toxin B-subunit in *Campylobacter jejuni* isolated from humans, chickens, and turkeys. Progress report of USDA/CREES Food Safety.

**Slavik, M.**, A. O'Leary, and C. Gilbert. 2007. Development of rapid detection methods and determining of pathogenicity factors of *C. jejuni*. AD-421 Progress Report.

Ma, Y., I. Hanning, and **M. Slavik**. 2007. Stress induces an adaptive tolerance response and virulence gene expression in *Campylobacter jejuni*. ASM South Central Branch. Little Rock, AR. P. 54.

Hanning, I., and **M. Slavik**. 2007. Capture and survival of *C. jejuni* within Poultry Significant Biofilms. Conference of Research Workers in Animal Disease. Chicago, IL. P. 103.

Hanning, I., A. O'Leary, and **M. Slavik**. 2007. PCR-Based Assay for differentiation and detection of *Pseudomonas aeruginosa* isolated from poultry environments. International Poultry Scientific Forum. Atlanta, GA. P. 32.

Hanning, I., and **M. Slavik**. 2007. Mechanisms of biofilms formation by *Campylobacter jejuni*. ASM biofilm conference. Quebec City, Quebec, Canada. P. 119.

Wang, H., Y. Li, and **M. Slavik**. 2007. Simultaneous detection of multiple foodborne pathogens using quantum dot fluorescence labels in an immunoassay coupled with nanobeads immunoseparation. Presented at the Institute of Food Technologists Annual Meeting. July 28-August 1, 2007. Chicago, IL, P. 61.

Wang, H., Y. Li, and **M. Slavik**. 2007. Rapid detection of *Listeria monocytogens* using quantum dots and nanobeads based optical biosensor. Presented at the International Association for Food Protection Annual Meeting. July 8-11, 2007. Lake Buena Vista, Florida. P. 83.

**Waldroup, P.W.**, 2007. Biofuels and Broilers—Competitors or Cooperators? Mid-Atlantic Nutrition Conference, Timmonium, MD.

**Waldroup, P.W.**, 2007. Animal byproduct-free poultry feeds possible. *Feedstuffs* 79:4(Jan. 22):32-33.

Stebel, S., and **R. F. Wideman**. Pulmonary hemodynamic responses to intravenous prostaglandin E<sub>2</sub> in broiler chickens. Poster presented by R. Wideman at the 2007 PSA annual meetings.

## **OTHER CREATIVE ENDEAVORS:**

### **Agricultural Economics and Agribusiness**

**Albright, C. and J. Popp.** 2007. "Characteristics and Perceptions of Arkansas Women in Agriculture Over Time." Selected Poster Presentation at the American Agricultural Economics Association, Portland, OR, July 29-31.

Arinez, I., **J. Popp** and **W. Miller.** 2007. "Testing a Quality of Life Index at a County Level". Selected poster at the American Agricultural Economics Association annual meetings, Portland, OR, July 29-31.

**Carreira, R. I., J. Smartt and H. L. Goodwin, Jr.** 2007. "Using ArcView GIS to Illustrate the Poultry Litter Problem." Selected Poster Presentation Southern Agricultural Economics Association annual meetings, Mobile, AL, Feb 3-7.

**Goodwin Jr., H. L.** 2007. "Poultry Litter in the Ozarks: Technology and Management Alternatives." Presentation, National Commission on Industrial Farm Animal Production public hearing, February 13.

**Goodwin Jr., H. L.** 2007. "Feasibility Assessment of Establishing the Ozark Litter Bank." Final Project Report prepared for USDA/NRCS Grant 69-7103-4-083, April 10.

**Goodwin Jr., H. L.** 2007. "Successful Contracting: What are the Questions?" presentation, American Farm Bureau Contracting Summit, St. Louis, MO, April 19-20.

**Goodwin Jr., H. L.** 2007. "Summation: What Have We Learned?" Presentation, American Farm Bureau Contracting Summit, St. Louis MO, April 19-20.

**Goodwin Jr., H. L.** 2007. Semi-annual Deliverable Report prepared for USDA/EPA Grant 7059, April 30.

**Goodwin Jr., H. L.** 2007. Mammoth Corporation, "Packaging of Poultry Litter for Economically Viable Storage and Transportation: Phase II" Interim Progress Report prepared for USDA/SBIR Grant 2006-03105, May 17.

**Goodwin Jr., H. L.** 2007. "Ozark Nutrient Management Project, Feasibility Assessment of Establishing the Ozark Litter Bank." Deliverable Report prepared for USDA/NRCS Grant 69-7103-6-103, May 25.

**Goodwin Jr., H. L., R. I. Carreira, K. B. Young, S. J. Hamm, A. C. Armstrong.** 2007. “Assessment of Multimodal Transport of Baled Poultry Litter and Dewatered Biosolids from Northwest Arkansas.” Final Report prepared for Mack Blackwell Transportation Center Grant 7015, July 3.

**Goodwin Jr., H. L.** 2007. Semi-annual Deliverable Report prepared for USDA/EPA Grant 7059, September.

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**Goodwin Jr., H. L. and Nathan Kemper.** 2007. “Poultry Litter Baling to Facilitate Transportation and Storage.” Presentation, Manure-To-Energy Workshop, Southern Region Water Quality Conference, September 14.

**Hignight, J. and E. Wailes.** 2007. “Analysis of the Harkin 2007 Farm Bill Commodity Program Proposals for Loan Rates, Counter-Cyclical Revenue Payments and Payment Limits.” Staff Paper 04 2007. Dept. Agr. Econ. and Agbus. Univ. of Arkansas. Published at: [http://www.uark.edu/depts/agriecon/pdf\\_files/Harkin07\\_FarmBill.pdf](http://www.uark.edu/depts/agriecon/pdf_files/Harkin07_FarmBill.pdf)

**Hignight, J., E. Wailes, R. Hogan, and B. Watkins.** 2007. “H.R. 2419 and USDA 2007 Farm Bill Proposal Impacts on Arkansas Representative Farms.” University of Arkansas, Department of Agricultural Economics and Agribusiness, Staff Paper SP 03 2007, August. Published at: [http://www.uark.edu/depts/agriecon/pdf\\_files/HR2419\\_USDA2007FarmBillProposal.pdf](http://www.uark.edu/depts/agriecon/pdf_files/HR2419_USDA2007FarmBillProposal.pdf)

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**Hignight, J., E. Wailes, R. Hogan, and B. Watkins.** 2007. “Synopsis of the Impact of the USDA 2007 Farm Bill Proposal and H.R. 2419 on Arkansas Representative Panel Farms.” University of Arkansas, Department of Agricultural Economics and Agribusiness, Staff Paper SP 03 2007, August.

**Hignight, J., E. Wailes, R. Hogan, and B. Watkins.** 2007. “Impact of the USDA 2007 Farm Bill Proposal and H.R. 2419 on Arkansas Representative Farms.” Poster presented at the 2007 Rice Research & Extension Field Day, Stuttgart, Arkansas, August 8 and at the 2007 Northeast Research and Extension Center Field Day, Keiser, Arkansas, August 23.

**Kemper, N. P., H. L. Goodwin, Jr., and S. J. Hamm.** 2007. "Feasibility and Production Costs of Composting Breeder and Pullet Litter with Eggshell Waste." Selected poster prepared for presentation at the American Agriculture Economics Association Annual Meeting, Portland OR., July 29-August 1.

**Miller, Wayne P.,** Frank Farmer, et. al. 2007. "2007 Rural Profile of Arkansas." Published by Cooperative Extension Service. University of Arkansas, Division of Agriculture, January.

**Miller, Wayne P.** 2007. "Economic Contribution of Drew Memorial Hospital." Produced and published by Cooperative Extension Service. University of Arkansas, Division of Agriculture, February.

**Miller, Wayne P.** 2007. "Agriculture Works For Arkansas." Separate publications were prepared for each of Arkansas' 75 counties. Produced and published by Cooperative Extension Service. University of Arkansas, Division of Agriculture, April 2007.

**Miller, Wayne P.** 2007. "NCARED Region Target Industry Study." Produced and published by Cooperative Extension Service. University of Arkansas, Division of Agriculture, June.

**Popp, J., N. Kemper and W. Miller.** 2007. "The Impact of the Agriculture Sector on the Arkansas Economy." Selected poster at the American Agricultural Economic Association annual meetings, Portland, OR, July 29-31.

**Rodriguez, German, Andrew McKenzie, and Lucas Parsch.** 2007. "Futures Hedging Strategies for Arkansas Cotton and Soybean Enterprises." Poster presented at Rice Field Day, Univ. of Ark. Rice Research and Extension Center, Stuttgart AR, 8 August.

**Rodriguez, German, Andrew McKenzie, and Lucas Parsch.** 2007. "Futures Hedging Strategies for Arkansas Cotton and Soybean Enterprises." Poster presented at Cotton Field Day, Univ. of Ark. Northeast Research and Extension Center, Keiser AR, July.

**Wailles, E. J. K. B. Watkins, R. I. Carreira and J. Hignight.** 2007. "Economics of Delta Row Crop Agriculture." Presented to House and Senate Committee on Agriculture, Forestry and Economic Development, Wynne, AR, October 31.

**Wailles, E. J. and K. B. Young.** 2007. "Economic Analysis of the Grand Prairie Area Demonstration Project." Reevaluation report prepared for White River Irrigation District. Dept. Agr. Econ and Agbus. Staff Paper 01 07.

**Wailles, E.** 2007. "Tourism and agriculture in the USVI. Common Ground." Spring 2007, p. 3 Southern Region Sustainable Agriculture Research and Education Program (SARE) published at: <http://www.southernsare.uga.edu/commongrnd/07spring.pdf>

**Watkins, K. B.**, J. L. Hill, and M. M. Anders. 2007. "Evaluating the Costs of Precision Leveling Rice Fields." Poster presented at the 2007 Rice Research & Extension Field Day, Stuttgart, Arkansas, August 8, 2007 and at the 2007 Northeast Research and Extension Center Field Day, Keiser, Arkansas, August 23.

### **Agriculture Statistics Laboratory**

**Edward Gbur**, subcommittee co-chair. "Spatial statistics in agricultural research" workshop developed by a subcommittee of Multi-state Project NCCC-170. January 2007 to University and Division of Agriculture faculty, staff, and graduate students.

**Edward Gbur**, developer, and **Jeff Velie**, technical assistant. Website for the North Central-based Multi-state Project NCCC-170 "Research advances in agricultural statistics."  
(<http://www.uark.edu/misc/ncr170>)

**Edward Gbur**, Craig Rothrock, and **Jeff Velie**. Website for the Cotton Foundation grant that contains a producer-friendly decision aid to enable users to determine the probability that the addition of in-furrow fungicides or custom seed treatments will provide sufficient protection from seedling disease and increase stand to warrant the increased cost.  
(<http://www.uark.edu/ua/cotstand>)

**Andy Mauromoustakos**. Computer data analysis workshop entitled "Having fun with numbers" for Arkansas high school students at the Summer Internship in Plant Soil, Environment, and Biotech Sciences (SIPSEBS) program.

**Kevin Thompson**. Statistical tables for inclusion in the annual report of the Pickled Products Evaluation Project (Ron Buescher, PI).

### **PATENTS**

#### **Biological and Agricultural Engineering:**

**Li, Y.**, C. Ruan, and L. Yang. "Rapid and Automated Electrochemical Method for Detection of Viable Microbial Pathogens." US Patent No. 7,238,496, July 2007.

**Osborn, G.S.**, M.D. Matlock, and S. Teltschik. "System and Method for Dissolving Gases in Liquids." US Patent No. 7,255,332 (2007).

## **Food Science**

**Hettiarachchy, N.** 2007. Show and Tell. Demonstrated edible protein film production using extruder and discussed films' application in food, and the pharmaceutical products to Japanese scientists.

**Hettiarachchy, N.S.** 2007. State of the Union video. Research program was selected as a part and included in the State of the University video and appears on the Chancellor's web site.

**Howard, L.** 2007. Does processing affect health benefits of berries? University of Arkansas, Sigma Xi Chapter. December 7.

**Johnson, M.G.** 2007. Horticulture Industry Show. Fort Smith, AR. January 05.

**Morris, J.R.** 2007. The AR State Wine Competition in Little Rock. October.

**Morris, J.R.** 2007. Acted as adviser to Wiederkehr Wine Cellars, Altus, AR; Mount Bethel Wine Cellars, Altus, AR; Post Familie Winery, Altus, AR; Chateau Aux Arc Vineyards and Winery, Altus, AR.; Cowie Wine Cellars, Paris, AR; and several wineries, vineyards and vineyard entrepreneurs throughout the United States.

**Morris, J.R.** 2007. Advised colleagues from other Universities on viticulture and enology research issues.

**Morris, J.R.** 2007. Evaluated production operations in a large commercial hand-farmed vs. machine-farmed Central Coast California vineyard.

**Morris, J.R.** 2007. Met with OXBO in July concerning the vineyard mechanization patent implementation.

**Morris, J.R.** 2007. The Florida International Wine Competition. Tampa, FL., February.  
**Roman, M, E. Friedly, C.A. O'Bryan, S. Ricke and P. Crandall.** 2007. Evaluation of novel citrus antimicrobials for control of *Listeria monocytogenes* on poultry. Master Foods seminar presentation July.

**Siebenmorgen, T.S.** 2007. Attended the AACC international meeting in San Antonio, TX. October 7-10.

**Siebenmorgen, T.S.** 2007. Attended the Rice Utilization Workshop in New Orleans, LA. February 1-2.



## **PATENTS AND PATENT DISCLOSURES:**

**Hettiarachchy, N.S.,** Eswaranandam, S. 2007. Organic acids incorporated edible antimicrobial films”, Patent No. US 7,160,580, B2. January 9.

### **Horticulture**

**Clark, J.R.** 2007. White Rock Peach, released 2004, Plant Patent 17,911, issued August 7, 2007.

**Clark, J.R.** 2007. White county Peach, released 2004, Plant Patent 17,742, issued May 15, 2007.

**Clark, J.R.** 2007. Natchez blackberry released July 2007, patent to be applied for in spring 2008.

**Clark, J.R.** 2007. – “Winter Won’t Go Away”; Good Morning America/ABC Morning News 2007; interviewed for on-screen report on Easter freeze damage to fruit crops in the East and South.

**Clark, J.R.** 2007. “UA Professor Finds Life a Fruity Experience”, Feature Article, Northwest Arkansas Times.

**Dunn, B.** and J. Lindstrom. 2007. *Chirita* hybrids ‘Purity’ and ‘Flavintime’ registered with the Gesneriad Society, registrar for new gesneriad cultivars.

Harper, K., **C. R. Rom.** D.H. Hensley, M.E. Garcia, M. Miller, and G. Wardlow. 2007. Organic Resource Manual : A reference book of Organic Resources for Arkansas  
[http://www.aragriculture.org/horticulture/Organic\\_Resource\\_Manual.pdf](http://www.aragriculture.org/horticulture/Organic_Resource_Manual.pdf)

**Lindstrom, J.T.** 2007. *Puya* ‘Poseidon’s Trident- a bromeliad, the first interspecific hybrid using *P. mirabilis* as a parent. Registered with the Bromeliad Society International, registrar for new bromeliad cultivars.

**Morelock, T.E.** and R. Luttrell. 2007. Oral history of the Dale Bumpers College of Agricultural, Food and Life Sciences. Emeritus faculty are being video taped and 45 one-hour interviews have been completed. 5 transcripts have been posted by the Mullins Library Special Collections Department as a part of the Pryor Oral and Visual History.

**Patton, A.J.** 2007. Turf Website was created to highlight the turfgrass research program at the University of Arkansas. This page had 1,463 pageviews in 2007 and can be accessed at:  
<http://turf.uark.edu/research/res.html>

## **Plant Pathology**

**Lee, F. N.**, Plant Disease Control – Rice blast: variety resistance and cultural practices. Rice Research and Extension Center Field Day Presentation August 8, 2007.

**Lee, F. N.**, Rice Diseases. Pine Tree Experiment Station Field Day August 16, 2007.

**Monfort W. S.** Vegetable Production And Challenges In Georgia. 26th Annual Oklahoma/Arkansas Horticulture Industries Show (Regional). Fort Smith, AR

**Monfort, W. S.** Soybean Rust In Arkansas 2007. State Farm Bureau Conference, Little Rock, AR, 11/29/2007.

**Monfort, W. S.** Guest lectured at North Dakota State University for the graduate nematology course (**752 Plant Nematology 2**) taught by Dr. **Gary A. Secor** in the department of plant pathology in October 2007.

**Monfort, W. S.** Guest lectured at University of Arkansas at Monticello for the Applied Plant Pathology course taught by Cliff Coker in the department of plant pathology in September 2007.

**Rothrock, C. S.** Developed website for the Cotton Foundation on the use of fungicides for the control of seedling diseases on cotton. URL address <http://www.uark.edu/ua/cotstand/>

## SCHOOL OF ARCHITECTURE

### **BOOKS PUBLISHED (WRITTEN BY OR ABOUT FACULTY)**

Fields, Darell W., *APPX I*, University of Arkansas Press, Fayetteville, AR, Fall 2007.

Smith, Carl.; Clayden, A. & Dunnett, N. (2007) *Residential Landscape Sustainability: A Checklist Tool*. London: Blackwell Publishing. (published in USA October 2007).

Smith, Korydon, *Disability, Housing, & Arkansas: a Primer*. Primer on housing design for people with disabilities in Arkansas including text and graphics. Published by the Arkansas Department of Health and Human Services, September 2007.

Smith, Korydon, et. al., *Arkansas Usability Standards in Housing: Guidance Manual for Designing and Constructing Inclusive, Functional Dwellings*, Published by the Arkansas Department of Health and Human Services, September 2007.

### **REFEREED ARTICLES AND PROCEEDINGS**

Beatty, Frances G., Book Review for Landscape Journal, August 2007, A Genius for Place: American Landscapes of the Country Place Era, Robin Karson: Amherst: University of Massachusetts Press, 2007.

Beatty, Frances G., Article Review for, Preservation Education & Research, April 2008, "Education in Historic Landscape Preservation" (blind review).

Boyer, Mark, "Green roofs and bioretention: a two prong approach to sustainable storm water management in Urban settings." Urban Design and Ecology: International Perspectives Conference proceedings, June, 2008.

Brittenum, Judy B., Two peer-reviewed submissions to Encyclopedia of Arkansas (ed. Nathaniel Sawyer).

Brittenum, Judy B., "Verna C. Garvan" (accepted and published) Fall, 2007.

Fields, Darell W., "On Being ... Sold Out," APPX 1, Appendix Inc., University of Arkansas Press, 2007.

Herman, Gregory, "Architecture at Rice: The thing they've done (work of Greg Herman Featured) William T. Cannady, Editor, Riche University Architecture Press, 2007.

Hughes, Michael, "Upward Mobility", by Dianne Carroll, *Metropolitan Home Magazine*, April 2008. pgs. 98-102.

Hughes, Michael, "Trailer Treasure", by Yvonne Puig, *GOOD Magazine*, January/February 2008, p. 24.

Smith, Korydon; Miller, N., Webb, J., Williams, B., "Rethinking the Future: Definitions, Disability, and Design." Paper presented at and published in the proceedings of the annual conference of the Interior Design Educators Council, Montreal, QC, Canada. March 2008. PP 1046-1056.

### **ARTICLES AND UNREFEREED PUBLICATIONS**

Boyer, Mark and Smith, Carl, "Who wants to live with a living roof?" *Green Places*. October 2007.

Boyer, Mark and Smith, Carl, "Living under living roofs?" *Sustain*. Vol 8 (5). 2007.

Fields, Darell W., "Emancipation of Architecture," Kyle Brazzel, *Arkansas Democrat Gazette*, February 3, 2008.

Fields, Darell W., "Discovering African Identity in African-American Architecture: Part 1", Stephen Kliment, FAIA, AIArchitect, August 3, 2007.

Herman, Gregory, Vernacular Architecture Forum, Abstract, "Vernacular into Modern: Material & technological convergences in the WPA guide to Arkansas", September 2007.

Smith, Carl; Dunnett, N. & Clayden, A. (2007) *Squeezed for space?* *Landscape*. October 2007, pp 15-20.

Smith, Carl; Boyer, M., (2007) *Who wants to live with a living roof?* *Green Places*. October 2007pp. 24-27.

Smith, Carl; Boyer, M., (2007) *Living under living roofs?* *Sustain*. 8.5. pp. 49-50.

Smith, Korydon, "The Next Big Boom!," *Arkansas Home Builder: Official Magazine of the Arkansas Home Builder's Association*, Jan./Feb., 2008. p.15.

## **RESEARCH REPORTS**

Boyer, Mark, Final Report. Gulley Park Demonstration Bioswale Project. Arkansas Forestry Commission. \$12,000 with \$103,985 match from City of Fayetteville Parks and Recreation Division. April, 2008.

Herman, Gregory, Miss Gloria's Kitchen: Gert Town Neighborhood, Progress report on New Orleans project in "Current Activities: Present + Upcoming Projects," from *Groundwork: 2006 Review*, CITYBuild Consortium of Schools, 2007.

Smith, Korydon, "Arkansas Universal Design Project Summary Report", Submitted as partial fulfillment of the Arkansas Universal Design Project (\$346,500). Arkansas Rehabilitation Services, Arkansas Department of Human Services, UAMS Partners for Inclusive Communities. September 30, 2007.

## **INVITED LECTURES**

Beatty, Frances G., *Leadership for Landscape Change* symposium by the Landscape Architecture Foundation and Clemson University, invitation only participation, co-author of resultant white paper entitled "Leadership in Sustainability and Environmental Regeneration", Charleston, SC, May 2008, *white paper publication project for fall 2008*.

Boyer, Mark, Jonesboro Urban Forestry Council Annual Conference Keynote presentation, "Trees for Stormwater Design", March 2007. Jonesboro, AR.

Boyer, Mark, Low Impact Development Workshop Mid-South Watershed Training Program, "Reducing the Impact of Building: Green Roof Technologies for LID", March 2007, Fayetteville, AR.

Boyer, Mark, U.S. Green Building Council Arkansas Central Branch Meeting, "sustainable Aspects of Green Roofs in Arkansas", November 2007, Little Rock, AR.

Boyer, Mark, Friend of the North Fork and White Rivers North Arkansas Stormwater Workshop, "Stormwater Best Management Practices", August 2007. Bull Shoals, AR.

Boyer, Mark, Benton County Master Gardeners "Green Roofs for Northwest Arkansas", August 2007, Bentonville, AR.

Boyer, Mark, US EPA Region 6 MS4 Operators Conference Co-presenter "LID Habitat Trails Project/Stream Restoration/Rain Gardens", site tour June 2007, Rogers, AR.

Boyer, Mark, Baxter County Library presentation “Recycling Rainwater Runoff”, April 2008, Mountain Home, AR.

Boyer, Mark, Baxter County Master Gardeners presentation, “Bioswales and Trees for Sustainable Stormwater Management,” Mountain Home, AR, June 2008.

Fields, Darell W., “Cover-up: Black architecture theory”, Architecture, Art and the Experience of Blackness (Symposium), Sam Fox School of Design and Visual Arts, Washington University, St. Louis, Spring 2008.

Fields, Darell W., “Recent Concepts”, Arkansas Arts Center, Little Rock, AR, Fall 2007.

Hughes, Michael, “School/Work”, The Rural Studio, Auburn University, April 10, 2008

Hughes, Michael, “Alions (sic), Trailer Trash, and Constructed Hallucinations”, Lecture. Arkansas Arts Center, Little Rock, AR. Sponsored by the Central Chapter of the Arkansas, AIA, April 8, 2008.

Hughes, Michael and Catovic-Hughes, Selma. “Recent Work”, College of Design Lecture Series. Louisiana State University, Baton Rouge, LA, April 2, 2008.

Hughes, Michael, “School/Work”, Lecture. Lehigh University, February 25, 2008.

Hughes, Michael, “School/Work”, Emerging Practitioner Lecture, 2007 Kansas State AIA Conference, Topeka, KS, November 2, 2007.

Hughes, Michael, “Alternative Affordable Housing”, Invited Speaker, National Community Design Association Conference, Region 6, November 1, 2007.

Sarpaneva, Pia, “Form-Function-Finland”, Little Rock, AR, Arkansas Arts Center, February 13, 2007.

Smith, Carl, “Greenhomes: A study of their landscape sustainability”, Mouchel Parkman Consulting, London, 13<sup>th</sup> September 2007.

Smith, Korydon; Braswell Sara, “The Process of Developing and Adopting Housing Standards in Arkansas”, Invited lecture presentation and panel discussion at the Texas Housing Summit, Austin, TX, April 23, 2008.

Smith, Korydon, “Universal Design Workshops”, Arkansas Development Finance Authority. Fayetteville, AR, Mary 25, 2008; Forrest City, AR, March 26, 2008; Hot Springs, AR, April 2, 2008; Conway, AR, April 3, 2008.

Korydon Smith, *UD Symposium*, Arkansas Department of Human Services. North Little Rock, AR. 12 December 2007.

Korydon Smith, “The Open Door of Universal Design: The Art of Designing More Inclusively.” Invited lecture presentation at the ARTLinks Conference, Arkansas Arts Council. Rogers, AR. 22 October 2007.

Korydon Smith, “Arkansas Usability Standards in Housing” Invited lecture presentation at the Arkansas Development Finance Authority workshop. Brinkley, AR. 02 October 2007.

Korydon Smith, “Arkansas Usability Standards in Housing”, Invited lecture presentation at the Arkansas Development Finance Authority workshop. Camden, AR. 25 September 2007.

Korydon Smith, et. al. Arkansas Legislative Rules and Regulations Committee. Hearing of Arkansas Development Finance Authority housing policy/procedure changes for fiscal year 2007 – 2008. State Capitol, Little Rock, AR. 06 September 2007.

Korydon Smith, “Housing and Arkansas: Toward Inclusive Design”, Invited lecture presentation at the annual conference of the Arkansas Spinal Cord Commission, Little Rock, AR. 15 June 2007.

### **REFEREED SCHOLARLY PAPER PRESENTATIONS**

Beatty, Frances G., EDRA, “Literary Landscape: The Ideological Connections between James Russell Lowell and Frederick Law Olmsted”, Sacramento, CA, June 2007.

Boyer, Mark, Low Impact Development Conference “Tailgating Low Impact Development Style,” March, 2007, Wilmington, NC.

Boyer, Mark, Green roofs and bioretention: a two prong approach to sustainable storm water management in urban settings.” Urban Design and Ecology: International Perspectives Conference June 4-6, 2008.

Brittenum, Judy B., “Negotiating Landscape Architecture: Today’s Student Design Team Member, Tomorrow’s Professional Collaborator”, council of Educators in Landscape Architecture national meeting, Pennsylvania State University, August, 2007.

Goodstein-Murphree, Ethel, “Reconsidering the New Orleans House: A Matter of Space, Place, and Procession”, Annual Conference of the Southeast College Art Conference, Charleston, West Virginia, October 19, 2007.

Goodstein-Murphree, Ethel, "In Memoriam: Edward Durell Stone's Carlson Terrace, 1957-2007," Annual conference of the Southeast Chapter, Society of Architectural Historians, Nashville, TN, October 2007.

Goodstein-Murphree, Ethel, "Space, Time, Place, and Speed," Motor Cycle Culture Section of the Popular Culture Association, Joint Meeting of the Popular Culture Association and The American Culture Association, San Francisco, California, March 21, 2008.

Herman, Gregory, Southeast Society of Architectural Historians, "The Architecture of New Deal Farm Resettlement: Arkansas' Lakeview Colony Houses," Nashville, TN, October 2007.

Herman, Gregory, National Popular & American Culture Associations conference, Traveler's Modern: Vernacular, Material & Technological Convergences in the WPA's Arkansas Guide, Nashville, TN, March 2008.

Hughes, Michael, "Haptic Beginnings: Expanding Design-Build Education in the Curriculum", 2008 National Conference on the Beginning Design Student, Atlanta, GA, Peer reviewed paper accepted, published in the proceedings and presented at the conference.

Smith, Korydon, Jennifer Webb, Brent Williams, and Nancy Miller, "Re-Defining Disability: Developing a New P-E Model for Designers and Policy Makers" Paper presented at the 38<sup>th</sup> Annual Conference of the Environmental Design Research Association, Sacramento, CA. June 2007.

## **CREATIVE WORK**

Boyer, Mark, Gulley Park Demonstration, Bioswale Project. Gulley Park, Fayetteville, Arkansas. Complete.

Boyer, Mark, Habitat Trails project under construction. Recipient of ASLA, AIA, EDRA, NSF, Congress of New Urbanism, and NCARB honors and awards.

Fields, Darell W., Superbia Rapid Prototyping Lab and Showroom (UARK Superbia, LLC) Research and development pipeline for the deployment of intellectual property and products related to manufactured housing. Supported by: Department of Architecture and Office of Vice Provost for Research, University of Arkansas, Est., Spring 2007.

Fields, Darell W., Limited Edition Modular Prototype Home, Fayetteville, AR Superbia, LLC (ongoing design development).

Fitzpatrick, Lynn E., Cleburn-Willow House and Studio: ongoing project for 1600 SF house and 600 SF painting studio located in the historic district of Fayetteville, AR.



Herman, Gregory, The Designery Gallery, 1994 Washington St., Boston, MA, “GROUNDWORK” Exhibition (work in New Orleans for Gloria’s Kitchen project), September 27 – October 11, 2007.

Hughes, Michael, “TrailerWrap”, Architecture-Academic Design Build, Thistle Community Housing, Boulder, CO. Completed.

Hughes, Michael, “Architecture-Professional Practice”, Bethany Springer, client, West Fork, AR, Schematic Design.

Sarpaneva, Pia, Soundings for Architecture 7: VIVID VOIDS, by Alvar Aalto Academy, Finland. Invited to provide the content and lead this international workshop, June 2008.

Smith, Carl, September-December 2008, Forth and Clyde Canal, Glasgow, Stockingfield Junction Footbridge. Landscape Architects Report and sketch design for environs of major public footbridge. Client: British Waterways Scotland (Design Phase).

Smith, Carl, August-December 2008, Edinburgh Union Canal, Access and Signage Report. An investigation of inadequacies in the existing canal network within the City of Edinburgh. The relationship between the canal and the contextual urban fabric was investigated, and urban design interventions to improve access and legibility at key nodal points were proposed. Client: British Waterways Scotland (Design Phase).

Smith, Carl, August 2008, Timber Basin, Glasgow, Housing Master Plan. A reimagining of the architect’s original master plan whereby road alignment, parking configuration and external treatments were revised to create integral communal spaces, and a ‘Woonerf’ style environment. Client: Timber Basin Ltd. (Design Phase).

Terry, Laura, Commissioned for 6 paintings, 18” x 18”, by Fresh Paint Art Gallery, Culver City, CA for a private client, work completed in September 2007.

Terry, Laura, Commissioned for 1 painting for the Candlelighters of Central Arkansas Art Auction, Little Rock, AR, September 2007.

Terry, Laura, Commissioned for 1 painting for the “Brilliant Strokes” United Cerebral Palsy Art Auction, Fayetteville, AR, October 2007.

Terry, Laura, Commissioned for 3 paintings, total composition 48” x 48”, Burks Residence, Fayetteville, AR, completed in April 2008.

**DEPARTMENT OF LANDSCAPE ARCHITECTURE  
ROME CENTER FOR ARCHITECTURE AND HUMANITIES**

**INVITED LECTURES**

Invited Guest Critic - Rensselaer Polytechnic Rome Program (December 2009)

Invited Lecturer and Guest Critic - Mississippi State University Rome Program (February 2009)

Invited Lecturer and Guest Critic - Yale University Rome Program (May 2009)

**CREATIVE WORK**

Architectural Design and Site Management: Expansion of Hotel De Petris, Via Rasella, Rome (Under Construction)

Architectural Restoration and Renovation: Private Residence in Arsoli (Rome), client: Sergio Innocenzi (Finished Work)

**UNIVERSITY OF ARKANSAS COMMUNITY DESIGN CENTER (UACDC)**

Barbara Jaquish, "Consider the Source: Sustainable Means Keeping Water Close to Home", *Research Frontiers: University of Arkansas*, Spring 2008, pp 20-25.

"ACSA/AIA Housing Design Education Awards", *Architectural Education Awards*, Washington D.C.: Association of Collegiate Schools of Architecture, 2008, pp 55-59.

Nancy Miller, "On the Right Track", *Architecture Minnesota*, November-December 2007, Vol 33, No 6, pp 56-59.

Aaron Gabriel, Jeffrey Huber, Stephen Luoni, "Campus Hydroscares: Watershed Planning as a Platform for Campus Improvements in the University of Arkansas Athletic Valley", *Just Add Water: ACSA 2007 Southwest Fall Conference* (The University of Texas at Austin) pp 113-117.

Jeffrey Huber, Aaron Gabriel, Stephen Luoni, "Habitat Trails: A Low Impact Habitat for Humanity Neighborhood Development", *Just Add Water: ACSA 2007 Southwest Fall Conference* (The University of Texas at Austin) pp 119-122.

Jim Taylor, "Greening for the Future in Northwest Arkansas", *Citiscapes*, August 2007, Vol 7, No 8, pp 74-76.

Philip Langdon, "LEED aims to set first national standard for neighborhood design", *New Urbanism News*, September 2007, Vol 12, No 6, pp 1, 3-6.

"LEED-ND pilot launched", *New Urbanism News*, July-August 2007, Vol 12, No 5, p 3.

**CONFERENCE PRESENTATIONS AND/OR EXHIBITIONS:**

Stephen Luoni, Panelist: *AIA Honor Awards for Regional and Urban Design: Sustainable Communities in Our Nation's Regions*  
2008 American Institute of Architects National Convention and Expo, Boston

Exhibit: *2008 NCARB Prize Winners* "Visioning Rail Transit in Northwest Arkansas"  
AIA 2008 National Convention and Expo: The American Institute of Architects, Boston

Exhibit: *2008 AIA Honor Awards* "Habitat Trails: from infill house to green neighborhood development"

"Campus Hydroscares: Watershed Planning as a Platform for Improvements in the University of Arkansas Athletic Valley"

"Visioning Rail Transit in Northwest Arkansas" (with Washington University at St. Louis)  
AIA 2008 National Convention and Expo: The American Institute of Architects, Boston

Stephen Luoni and Marty Matlock, Speakers: *Smart Growth Techniques* Ripple Effect  
Conference: Low Impact Development Techniques James River Basin Partnership: Springfield, Missouri

Stephen Luoni: Speaker: *Building Great Neighborhoods* University of Arkansas Clinton School of Public Service Little Rock, Arkansas

Stephen Luoni, Speaker: *The Urbanism of the Large, Larger, Largest Buildings* CNU XVI: New Urbanism and the Booming Metropolis Congress for the New Urbanism, Austin

Katie Breshears, Presenter/Panelist: *Affordable Housing In Fayetteville*, Fayetteville Contractors and Developers Meeting

Exhibit: *NCARB Prize Winners* "Visioning Rail Transit in Northwest Arkansas"

Exhibits: "Campus Hydroscares: Watershed Planning as a Platform for Improvements in the University of Arkansas Athletic Valley"

*BSA 2007 Unbuilt Architecture Design Awards* The Boston Society of Architects, The Architects Building: Boston, Massachusetts

*Build Boston*, The Annual Building Industry Convention, World Trade Center: Boston, Massachusetts

Exhibit: *Building Recombinant Ecologies: Work from the University of Arkansas Community Design Center* Mithun, Seattle

Aaron Gabriel, Panelist: *Teaching Affordable Housing* 2008 Association of Collegiate Schools of Architecture Annual Conference, Houston, Texas

Aaron Gabriel, Presentation: “Habitat Trails: A Low-Impact Residential Development” (selected best paper at Southwest Regional ACSA conference) 2008 Association of Collegiate Schools of Architecture Annual Conference: Houston, Texas

Aaron Gabriel and Katie Breshears, “*Porchscapes*”, *A Low Impact Development Seminar* Northwest Arkansas Chapter of the US Green Building Council

Aaron Gabriel, Speaker: *Low Impact Affordable Neighborhood Development* 2007 US Environmental Protection Agency Region VI National Community Development Association

Stephen Luoni, Speaker: *Building Recombinant Ecologies* AIA Central States Regional Conference American Institute of Architects, Tulsa, Oklahoma

Stephen Luoni, Panelist: *Creating Livable Communities* AIA Central States Regional Conference American Institute of Architects, Tulsa, Oklahoma

Aaron Gabriel, Presenter: “Campus Hydroscares: Watershed as a Planning Platform for Campus Improvements in the University of Arkansas Athletic Valley” 2007 ACSA Southwest Fall Conference: The University of Texas at Austin

Aaron Gabriel, Presenter: “Habitat Trails: A Low-Impact Residential Development”

2007 ACSA Southwest Fall Conference: The University of Texas at Austin: Austin, Texas

Jeffrey Huber, Presenter: “Habitat Trails: from infill house to green neighborhood development” American Society of Civil Engineers Arkansas Conference, Fayetteville

Exhibit: 2007 Arkansas AI Chapter Awards “Monticello: Place-based codes and Plans for Arkansas Delta Community” and “Visioning Rail Transit in Northwest Arkansas: Lifestyles and Ecologies” Arkansas Chapter of the American Institute of Architects Exhibit: Building

Recombinant Ecologies: Word form the University of Arkansas Community Design Center  
Philip Meyers, Jr. Memorial Gallery: Steger Student Life Center, University of Cincinnati

Exhibit: *Recombinant Urbanism: ecological models of planning and development from the University of Arkansas Community Design Center* University of Tennessee School of Architecture: Knoxville, Tennessee

Exhibit: *2007 NCARB Prize Winners* “Habitat Trails: from infill house to green neighborhood development”

**ALLIED TEACHING, SERVICE, AND OUTREACH ACTIVITIES:**

*Stephen Luoni, Assoc AIA, Affil ASLA*

Publications

“Little Rock’s Emerging Nonprofit Corridor”, *Places: Forum of Design for the Public Realm*, Volume 20 , No 1, 2008, pp 70-75.

“Habitat Trails: from infill house to green neighborhood development”, *The NCARB Prize for Creative Integration of Practice and Education in the Academy* (Washington DC: National Council of Architectural Registration Boards, 2007) pp 18-19.

*Aaron Gabriel, Assoc AIA, Affil ASLA*

Publications

2007-2008 ACSA/AIAS New Faculty Teaching Awards”, *Architectural Education Awards*, Washington D.C.: Association of Collegiate Schools of Architecture, 2008

## FULBRIGHT COLLEGE OF ARTS AND SCIENCES

### **Anthropology**

#### **BOOKS:**

Ahler, Stanly A. and **Kay, Marvin**. Editors. 2007. *Plains Village Archaeology. Bison – Hunting Farmers in the Central and Northern Plains*. University of Utah Press, Salt Lake City.

**Striffler, Steve**. *The Ecuador Reader: History, Nation, and Politics*. In production with Duke University Press. 2008.

#### **CHAPTERS:**

**Kay, Marvin**. The best and the brightest. In *Plains Village Archaeology: Bison-Hunting Farmers in the Central and Northern Plains*, edited by Stanley A. Ahler and Marvin Kay, pp. 170-180. University of Utah Press, Salt Lake City.

**Kvamme, K.L.** *Remote Sensing: Archaeological Reasoning Through Physical Principles and Pattern Recognition*, In *Archaeological Concepts for the Study of the Cultural Past*, A.P. Sullivan III, ed., University of Utah Press, Salt Lake City, pp.133-161.

**Kvamme, K. L.** Geophysical Mappings and Findings in Northern Plains Village Sites. In *Plains Village Archaeology: Bison Hunting Farmers in the Central and Northern Plains*, pp. 210-221, S.A. Ahler and **M. Kay**, editors, University of Utah Press, Salt Lake City. 2007

**Kvamme, K.L.** 2007. Four Years of Remote Sensing at the Double Ditch State Historic Site, North Dakota. In *New Frontiers in Human Heritage. CAA 2006. Computer Applications and Quantitative Methods in Archaeology. Proceedings of the 34th Conference, Fargo, United States, April 2006*, Jeffrey T. Clark and Emily M. Hagemester, editors, pp. 273-278. Digital Discovery: Exploring Budapest: Archaeolingua.

**Nolan, Justin M.** and **Mary Jo Schneider**. “Reimagining and Sustaining Community in a Globalizing World” in *Miracles in the Mountains*, Betty Duggan and Steven Folmar, eds. Athens: University of Georgia Press, December 2007.

**Rose, J.C.**, M. El-Najjar, and D.L. Burke 2007 “Bioarchaeology of north Jordan: A decade of cooperative American and Jordanian student research.” In: Levy, T.E., Daviau, M., Younker, R.W. and Shaer, M. (Eds). *Crossing Jordan: North American Contributions to the Archaeology of Jordan*. Pp. 419-426. Equinox Publishing Ltd., London.

**Rose, J.C.**, M. El-Najjar, and D.L. Burke 2007 "Trade and the acquisition of wealth in rural Late Antique north Jordan." (ed) Fawwaz al-Khraysheh *Studies in the History and Archaeology of Jordan IX*. Pp. 61-70. Department of Antiquities, Amman Jordan.

Teaford, M.F.; **Ungar, P.S.** Dental adaptations of African apes. Handbook of Paleoanthropology, Volume 1: Principles, Methods, And Approaches. Henke, W., Rothe, H. and Tattersall, I. eds. Heidelberg, Springer-Verlag, pp. 1107-1132, 2007.

**Ungar, P.S.** Dental topography and human evolution: With comments on the diets of *Australopithecus africanus* and *Paranthropus robustus*. Dental Perspectives on Human Evolution: State of the Art Research in Dental Anthropology. Bailey, S. and Hublin, J.J. eds. New York, Springer-Verlag, pp. 321 – 344, 2007.

### **REFEREED ARTICLES:**

**Erickson, Kirstin.** 2007 (enero-junio). "Paisajes Encantados: La Memoria, el Sentido de Lugar e Identidad en la Narrativa Yaqui." Cuadernos de Literatura 11(22):32-45.

**Kvamme, K. L.** and Stanley A. Ahler (2007) Integrated Remote Sensing and Excavation at the Double Ditch State Historic Site, North Dakota. *American Antiquity* 72(3):539-561.

**Kvamme, K.L.** (2007) Geophysical Investigations at Sylvester Manor. In *The Historical Archaeology of Sylvester Manor*, Katherine Howlett Hayes and Stephen A. Mrozowski, eds., a special issue of *Northeast Historical Archaeology* 36: 51-70.

**Kvamme, K.L.** (2008) *Archaeological prospecting at the Double Ditch State Historic Site, North Dakota, USA*. *Archaeological Prospection* 15(1):62-79.

**Mainfort, Robert C., Jr.** (with J. Matthew Compton and Kathleen H. Cande) 1973 excavations at the Upper Nodena site. *Southeastern Archaeology* 26(1):108-123.

**Mainfort, Robert C., Jr.** (with Mary L. Kwas) Antiquarians' perspectives on Pinson Mounds revisited: A response to McNutt. *Southeastern Archaeology* 26(1):145-150.

**Swedenburg, Ted.** "Imagined Youths," *Middle East Report* 245 (Winter 2007).

**Striffler, Steve.** "Neither Here Nor There: Mexican Immigrant Workers and the Search for Home." *American Ethnologist*, Volume 34, No. 4 (November 2007).

**Ungar, P.S.**; Merceron, G.; Scott, R.S. Dental microwear texture analysis of Varswater bovids and early Pliocene paleoecology of Langebaanweg, Western Cape Province, South Africa. *Journal of Mammalian Evolution* 14: 163-181, 2007.

### **NON-REFEREED ARTICLES AND REPORTS:**

**Kay, Marvin.** Book review for *Plains Anthropologist Paleoamerican Origins Beyond Clovis*. Edited by Robson Bonnichsen, Bradley T. Lepper, Dennis Stanford, and Michael R. Waters. Texas A&M University Press, College Station, 2005. ix + 368 pp., 84 figures, 24 tables, index. August, 2007.

**Kay, Marvin.** Paleoamerican Origins beyond Clovis. *Plains Anthropologist* 52(201):150-152.

**Kay, Marvin.** Falk, Carl R. and Marvin Kay 2007. In Memory: Dr. Stanley A. Ahler (1943-2007). *Missouri Archaeological Society Quarterly* 24(2):22-23.

**Kay, Marvin.** Falk, Carl R. and Marvin Kay 2007. Stanley A. Ahler (1943-2007): A Reflection. *Newsletter of the South Dakota Archaeological Society* 37(1)1-5.

**Kay, Marvin.** (2008) Use-Wear Assessment for Jim Pitts Site, 39CU1142, South Dakota. Report to the South Dakota Historical Society, Rapid City, South Dakota.

**Kvamme, K.L.** (2008) Review of Handbook of Geophysics and Archaeology, by Alan J. Witten, Equinox Publishing Limited, London, 2006. *Geoarchaeology* 22(3):418-420.

**Plavcan, J. Michael.** Book Review: Evolution vs. Creationism. Eugenie Scott. *American Journal Physical Anthropology*. 132: 321-322. (2007)

**Rose, J.C.,** El-Najjar, Mahmoud, Rose, J.C., al-Bataineh, M. 2008 Natfieh: the second season of excavation, summer 2007. *Newsletter of the Institute of Archaeology and Anthropology*, Yarmouk University 27/28:11.

**Rose, J.C.** Appendix II: the Human Remains. *Journal Egyptian Archaeology* 92:41-45. 2006.

**Rose, J.C.,** El-Najjar, Mahmoud, Rose, J.C., al-Bataineh, M. 2008 Natfieh: a new study in bioarchaeology. *Newsletter of the Institute of Archaeology and Anthropology*, Yarmouk University 27/28:9-10.

### **INVITED LECTURES:**

**D'Alisera, JoAnn.** "Fieldwork in the American Context" Guest Lecture, University of Southern Maine, October 2007.

**Kenneth L. Kvamme.** "Geophysical Surveys and Archaeology. Presented at the Center for American Archeology, Kampsville, Illinois, June 23.



**Kenneth L. Kvamme.** Instructor: "Workshop in Geophysics in Archaeology," Sponsored by the Saskatchewan Association of Professional Archaeologists, Saskatoon, Canada, 40 students for 3 days, July.

**Kvamme, Kenneth.** "Geophysical Prospecting and Archaeology," East Texas Archaeological Conference, Tyler, Texas, February 16.

**Kvamme, Kenneth.** "Computer Applications in Archaeology: An American Perspective," Given at *New Approaches for Computer Applications in the Archaeology of the Levant: An International Conference*, Ben Gurion University of the Negev, Israel, May 14.

**Kvamme, Kenneth** with Jo Ann Kvamme. "When Dreams Come True: Geophysical, Archaeological and Ethnographic Adventures in the High Himalaya," presented at the Ko-Ko-Ci Chapter of the Arkansas Archeological Society, Fayetteville, September.

**Nolan, Justin,** Shawna Cain, and Roger Cain. Cultural Heritage and Biodiversity: The Ecology of Cherokee Artisanry in Northeast Oklahoma. Christmas Presentation for the Arkansas Archaeological Association, Winthrop Rockefeller Institute, Morrilton, AR. December 4, 2007.

**Nolan, Justin.** Healing Honeysuckles and Medicinal Mints: Ethnopharmacology in the Arkansas Ozarks. Keynote Seminar at UAMS College of Pharmacy's Christmas Symposium, Little Rock, Arkansas. November 30, 2007.

**Nolan, Justin.** Ethnobiology and Education: Advancing Human-Ecological Relationships in Science Curricula. Symposium for Human Ecosystems Research Seminar, University of North Texas, Denton, TX. September 30, 2007.

**Nolan, Justin.** Cherokee Healing Traditions: Ethnobotany and Medical Folklore in the Oklahoma Ozarks. Keynote presentation, Trail of Tears Symposium, Shiloh Museum of Ozark History, Springdale, AR. October 13, 2007.

**Nolan, Justin.** The Pharmacy in Nature's Bounty: The Chemical Ecology of Healing Flora in Arkansas. Session speaker for College of Nursing, Southern Arkansas University, Magnolia, AR. October 25, 2007.

**Nolan, Justin.** Found a Cure in the Backcountry: Healing Traditions in Southern Mountain Cultures. South Arkansas Community College Summer Symposium, El Dorado, AR. June 20, 2007.

**Nolan, Justin.** The Application of Plant Taxonomy to Human Ecological Research. Westminster College, Department of Biology Summer Seminar, Fulton, MO. (May 2008).

**Nolan, Justin.** Cherokee Ethnobotany. Featured Seminar, Institute of Cognition and Culture, Queens University, Belfast. (June 2008).

**Plavcan, J. Michael.** Lecture: Understanding sexual dimorphism as a function of male and female traits, New York University

**Plavcan, J. Michael.** Co-Organizer (w/Charlie Lockwood, University College London): Symposium: The Context for Being Human: Social Behavior of Early Hominins From the Perspective of Primate Socioecology. International Primatological Society, Edinburgh, Scotland, August 2008.

**Rose, Jerome C.** The Commoners of Amarna: the Bioarchaeology of Residents from Pharaoh Akhenaten's Ancient Egyptian Capital City. Invited Public Lecture, Anthropology Department Visiting Lecture Program, East Carolina University, Greenville NC, 12 April. Invited with all expenses paid plus honorarium.

**Rose, Jerome C.** Forensic Anthropology, Invited Public Lecture, Honors College, University of Arkansas, Tennessee, Knoxville, Sept. 17

**Rose, Jerome C.** Changes in Climate, Religion, and Politics in Christian North Jordan as Seen in Tombs and Churches in Rural North Jordan (100-800CE), Invited Public Lecture, Anthropology Department Visiting Lecture Program, University of Tennessee, Knoxville, Sept. 25.

**Rose, Jerome C.** Climate Change, Political Development and Economic Growth in Rural North Jordan During the Late Roman and Early Christian Periods, Invited Graduate Lecture, Anthropology Department Visiting Lecture Program, University of Tennessee, Knoxville, Sept. 26

**Rose, Jerome C.** The Commoners of Amarna, Ko-Ko-Ci chapter of the Arkansas archaeological Society, Fayetteville, Nov.27

**Sabo, George III.** Session Chair: "Memory and Place." 2007 American Society for Ethnohistory Annual Meeting, November 7 – 10, Tulsa, Oklahoma.

**Sabo, George III.** Constructing Identity at the Caddo Heritage Museum, by George Sabo III and Kim Penrod. Refereed paper presented at the 2007 American Society for Ethnohistory Annual Meeting, November 7 – 10, Tulsa, OK.

**Sabo, George III.** Ethnobiological Symbolism in Ozark Rock Art, by George Sabo III. 31<sup>st</sup> Annual Society for Ethnobiology Conference, University of Arkansas, Fayetteville, April 16-19, 2008.

**Swedenburg, Ted.** Invited participant in forum on the Jewish Arab patrimony in the Maghreb, held in conjunction with the Festival des Andalouses Atlantiques, November 1-2, Essaouira, Morocco.

**Swedenburg, Ted.** "Islamic Pop Music in Europe, Post 9/11," Lecture Series of the Interdisciplinary Ph.D. Program in Near and Middle Eastern Studies, University of Washington, May 18 (invited)

**Swedenburg, Ted.** "Jihad Rap? 'Islamic' Popular Music in Europe, Post-9/11," Rotterdam, Sponsored by ISIM (Institute for the Study of Islam in the Modern World), Leiden and Kosmopolis, September 14 (invited)

**Swedenburg, Ted.** "Fun^Da^Mental: Punjabi Folk, Post-Bhangra and Islamic Rap, from the Subcontinent to the Metropole." Conference on "Music Moves Religion Performance Networks in Indian Ocean Cultures." Syracuse University. Sponsored by the Religions and Cultures Cluster of the CNY Humanities Corridor. April 18-20 (invited)

**Swedenburg, Ted.** "Contemporary Popular Music in the Middle East." Department of History, Creighton University. February 21. (invited)

**Swedenburg, Ted.** "Hip-Hop and Political Islam: Fun^Da^Mental." Soref Workshop: "A Different Approach to Debates on Political Islam: Micro-Level Studies" Ben Gurion University, June 4. (invited)

**Ungar, P. S.** gave an invited lecture for the University of Colorado Graduate Students Distinguished Lecture Series.

**Peter Ungar** co-organized a symposium with Mark Purnell (University of Leicester). The symposium was entitled Dental microwear and the evolving relationship between form and function and it was held at the 8<sup>th</sup> International Congress on Vertebrate Morphology, Paris.

#### **OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:**

**Erickson, Kirstin.** "Altars and Altercations: Contesting Space and Asserting Identity on Yaqui Days of the Dead." Paper presented at Southwest/Texas Popular Culture Association annual meeting, Albuquerque, NM. February 2008.

Adair, Mary and **Kay, Marvin.** North American Prairie adaptation: the Middle to Late Holocene Record. Symposium: Mesolithic Meets Archaic: Hunter-Gatherer Research across the Atlantic Divide. Society for American Archaeology 72<sup>nd</sup> Annual Meeting, Austin, Texas, April, 2007.

**Kay, Marvin.** Use-wear evaluation of sickles and other prismatic blades from Ayn Abu Nukhayla. Symposium: The Multi-disciplinary Research Results: Investigations of Ayn Abu Nukhayla, an Early Neolithic Settlement in Southern Jordan. Society for American Archaeology 72<sup>nd</sup> Annual Meeting, Austin, Texas, April, 2007.

**Kay, Marvin.** Central Missouri Hopewell—we really should know more! Missouri Archaeological Society 2007 Fall Archaeology Symposium: The Woodland Period in Missouri. Arrow Rock State Historic Site, Arrow Rock, Missouri. September 8, 2007.

**Kay, Marvin.** Why people were where they were. Arkansas Archeological Society 2007 Annual Meeting. Mountain View, Arkansas, September 29, 2007.

**Kay, Marvin.** Gainey preforms and tools—part II. 65<sup>th</sup> Annual Plains Anthropological Conference, Rapid City, South Dakota, October 13, 2007.

**Kay, Marvin.** The Dead of Winter, a Caddoan Mortuary Ceremonialism. Southwest Chapter, Missouri Archaeological Society, Joplin, Missouri, January 10, 2008.

**Kay, Marvin.** Clam Lagoon Archaeology & Technology. Symposium on Aleutian Archaeology. Alaska Anthropological Association Annual Meeting, Anchorage, Alaska, February 27, 2008.

**Kay, Marvin.** Sickle Sheen—a Use-wear Evaluation. Society for American Archaeology, 73<sup>rd</sup> Annual Meeting, Vancouver, British Columbia, Canada, March 30, 2008.

Daniel S. Amick, **Marvin Kay**, Brad Koldehoff, Thomas J. Loebel and Brooke M. Morgan. Implications for Colonization Strategies and Early Land Use Patterns from Midwestern Clovis Lithic Assemblages and Raw Material Exploitation. Urbana Conference on the Early Paleoindian Colonization of the North American Midcontinent, Urbana, Illinois, April 25, 2008.

Kenneth Reid and **Kenneth L. Kvamme** “‘We Amused Ourselves Showing Them the Power of Magnetism’: Geophysics and the Search for Sergeant Ordway in Hells Canyon, Idaho.” Presented at the annual meeting of the Society for American Archaeology, Vancouver, British Columbia, March 29, 2008.

Skip Keith Miller, Ken Reid, **Kenneth L. Kvamme**, William Jerrems, Morris Uebelacker, Deborah L. Olson, Daryl E. Ferguson “Test Excavations at 10NP464: Ground Truthing the Geophysics Signals for a Corps of Discovery Site in Hells Canyon, Idaho.” Presented at the 61st Northwest Anthropological Conference, Victoria, British Columbia, April 26, 2008.

**Kvamme, Kenneth L.** “Geophysical Investigations at Mt. Moriah and St. Ambroses Cemeteries, Deadwood, South Dakota.” Paper presented at the Plains Anthropological Conference, Rapid City, South Dakota (October, 2007).

JoAnn Kvamme, **Kenneth L. Kvamme**, and Mark D. Mitchell, “Geophysical, Aerial and Topographic Remote Sensing at Larson Village (32BL9), North Dakota.” Paper presented at the Plains Anthropological Conference, Rapid City, South Dakota (October, 2007).

**Kvamme, Kenneth.** Symposium organizer: “**New Insights through Geophysics in the Great Plains**” with 9 presentations at Plains Anthropological Conference, *Rapid City, South Dakota (October)*

**Nolan, Justin**, Mary Jo Schneider, and Laine Gates. 2007. Traditional Foodways and the Politics of Obesity in the Arkansas Delta. Keynote Presentation delivered at the Southern Anthropology Society Annual Conference, University of Mississippi, Oxford.

Paulus, FL, Ward, CV, and **Plavcan, JM** (2007) Canine tooth crown and root proportions in African hominoids. American Association of Physical Anthropologists. Supp. :185.

Ward, CV, **Plavcan, JM** and Paulus FL (2007) Canine tooth crown, root and facial dimorphism in anthropoid primates. Annual Meeting of the American Association of Physical Anthropologists. Supp. :243.

**Plavcan, JM** and Gordon, AD (2007) Craniodental versus postcranial variables as estimators of size dimorphism in extinct taxa. Annual Meeting of the American Association of Physical Anthropologists. Supp. :190.

Ward, CV, **Plavcan, JM** and Paulus FL (2007) Canine tooth crown, root and facial dimorphism in anthropoid primates. Annual Meeting of the American Association of Physical Anthropologists. Am.

**Plavcan, JM** and Gordon, AD (2007) Craniodental versus postcranial variables as estimators of size dimorphism in extinct taxa. Annual Meeting of the American Association of Physical Anthropologists.

**Sabo, George, III.** Stylistic Variability in Arkansas Rock Art, by George Sabo III, Leslie Walker, and Jerry E. Hilliard. Refereed Paper presented at the 64<sup>th</sup> Southeastern Archaeological Conference, Knoxville, TN, October 31 – November 2, 2007.

**Sabo, George, III.** Constructing Identity at the Caddo Heritage Museum, by George Sabo III and Kim Penrod. 50<sup>th</sup> Annual Caddo Conference, Natchitoches, LA, March 6-8, 2008.

**Mary Jo Schneider** and Laine Gates. 2008. *Rethinking Unhealthy Traditions: African American Foodways and the Politics of Obesity in the Arkansas Delta*. Society for Applied Anthropology, Memphis, TN, March 2008.

Scott, J.R.; **Ungar, P.S.**; Godfrey, L.R.; Jungers, W.L.; Scott, R.S.; Teaford, M.F.; Walker, A.; Simons, E.L. Annual meeting of the American Association of Physical Anthropologists, Philadelphia, PA, 2007.

Brown, C.A.; Bergstrom, T.S.; Childs, B.E., Powers, B.M; Yadav, A.; Scott, R.S.; **Ungar, P.S.** Characterizing anisotropy using length-scale fractal analysis. 11<sup>th</sup> International Conference on Metrology and Properties of Engineering Surfaces, Huddersfield, UK, 2007.

**Ungar, P.S.**; Scott, R.S. Microwear texture analysis as applied to fossil primates and human ancestors. 8<sup>th</sup> International Congress on Vertebrate Morphology, Paris, France, 2007.

**Ungar, P.S.** *Nut-cracker my [explicative]: Paranthropus boisei* more likely ate Jello! ARKUMO Regional Paleoanthropology Society Meeting, Fayetteville, AR, 2007.

## **ART**

### **BOOKS:**

**Harington, Donald**, Farther Along (Stay More), The Toby Press, 2008.

**Harington, Donald**. Let Us Build a City (reprint), The Toby Press, 2008.

### **REFEREED ARTICLES/PAPERS:**

**Springer, Bethany**, "Review: Material Transcendence: Clay as Commentary," Ceramics Monthly (May, 2008), 19-20.

### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

**Jacobs, Lynn F.**, "Newman's Side of the Fence," essay published in exhibition brochure, for exhibition, Newman-Shimomura: views from Both Sides of the Fence, Baum Gallery of Fine Art, University of Central Arkansas, 2008.

**La Porte, Angela**, "Committee on lifelong learning," in NAEA News 2007-2008.

### **INVITED LECTURES:**

**Hapgood, Thomas**, “The New Designers: Enabling Identity, Building Community,” College Art Association Meeting, 2007.

“Catching up to the 21<sup>st</sup> Century: Building an Interactive Design Program From Scratch,” New Media Consortium, 2007

**Jacobs, Lynn F.**, Presentation on Professors’ Guide to Getting Good Grades in College, Professor Duane Wolf, Honors Orientation class, 2007 (in conjunction with Jeremy S. Hyman)

“Gimme an A,” presentation, Mount Union College, given to the entire freshmen class, 2007 (in conjunction with Jeremy S. Hyman)

“Gimme an A,” presentation, given to 300 sorority and fraternity members, University of Arkansas, 2007.

**Newman, John**, “Gallery Talk,” University of Vincennes, 2007

### **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

**Jacobs, Lynn F.**, “Open Sesame: On the Openings and Closings of Early Netherlandish Triptychs and their Impact on Meaning,” College Art Association Conference, 2008..

**La Porte, Angela**, and Greenberg, P. Barret, D., and Lawton, P.M, “Super Session: What is Lifelong Learning,” National Art Education Association Conference, 2008.

**La Porte, Angela**, and Callison, L. And Walters, J.. “The study of a community art class for adults and older adults,” National Art Education Association Conference, 2008.

**Peven, Michael**, “Good Dog/Bon Chien,” SCSPE Conference, UTA, Arlington, 2007.

**Peven, Michael**, “The Democratization of the Photographic Book,” National SPE Conference, Denver, CO, 2008.

### **CREATIVE ENDEAVORS:**

**Hapgood, Thomas**

NMConnect Exhibition in the Second Life virtual world, 2007

“Private Property,” two person exhibition, Fine Arts Gallery, University of Arkansas, February-March, 2008

**Hulen, Jeannie**

“Clay Mechanics,” Charlie Cumming Clay Studio, Fort Wayne, Indiana, 2007

“Material Transcendence: Clay as Commentary,” group exhibition, Fine Arts Gallery, University of Arkansas and NCECA conference, Pittsburgh, Pennsylvania, 2008.

Co-organizer of Crafting Content Ceramics Symposium, University of Arkansas, 2008.

**La Porte, Angela**

“In Response to Healing,” international traveling exhibit, 2006-2007: shown at Fine Arts Gallery, University of Arkansas, August-September, 2007 (other venues listed in 2006-2007 annual report)

**Musnug, Kristin**

“Probably,” Inman Gallery, Houston, Texas, January-February, 2008

**Nelson, Marilyn:**

“Florida Printmakers Invitational,” The Museum of Florida Art, DeLand, Florida, June-August, 2007

“Los Angeles Printmaking Society, 19<sup>th</sup> National Exhibition,” Riverside Art Museum, Riverside, California, August-September, 2007

Sixth National Juried Exhibition, Organization of Independent Artists,” The New York Law School, New York, New York, March-April, 2008

“Watermark ‘08 – Works on Paper,” Southeastern Community College, Whiteville, North Carolina, March-April, 2008

Solo Exhibition, Mullins Library, University of Arkansas, May-August, 2008.

**Newman, John:**

exhibition, University of Vincennes, Indiana, October-November, 2007

“The Other Side of the Fence,” University of Central Arkansas, January 2008.

**Peven, Michael**

“Drive By Shooting,” solo exhibition, Carriage House Gallery, Kimball Jenkins School of Art, Concord, New Hampshire, December 2007-January 2008

“Artists Books,” Owl and Lion Gallery, Edinburgh, Scotland, 2008

“Transparent/Opaque,” abecedarian gallery, Denver, Colorado, 2008

“Photography in Book Arts and the Book in Photography,” New Image Gallery, James Madison University, Harrisonburg, Virginia, 2008

“Secrets and Lies,” 23 Sandy Gallery, Portland, Oregon, 2008

“SPE Silent Auction,” National SPE Annual Conference, Denver, Colorado

**Springer, Bethany:**

EVA Ccitywide Online Show, 2007

“Far From Home,” Gallery RFD, Swainsboro, Georgia, 2007



“Working with Artists,” Denver, Colorado, 2007

“Shoe Show,” Fitch Studios Gallery, Des Moines, Iowa, 2007.

“Private Property,” two person exhibition, Fine Arts Gallery, University of Arkansas, February-March, 2008

## **Biological Sciences**

### **BOOKS:**

#### **Stephenson, Steven L.**

Binion, D. E., S. L. Stephenson, W. C. Roody, H. H. Burdsall, O. K. Miller, Jr., and L. N. Vasilyeva. 2008. Macrofungi Associated with Oaks of Eastern North America. West Virginia University Press, Morgantown, West Virginia. 476 pp.

### **CHAPTERS:**

#### **Beaupre, Steven J.**

Beaupre, S. J. and C. E. Montgomery. 2007. The meaning and consequences of foraging mode in snakes. Chapter 14 *in* Foraging Behavior in Lizards. S. M. Reilly, D. Miles, and L. McBrayer (eds.). Cambridge University Press.

#### **James, Douglas A.**

Kannan, R. and D. A. James. 2007. Phenological studies of hornbill fruit trees in tropical rainforests: methodologies, problems, and pitfalls. Pages 155-166 *In* Kemp, A.C. and M.I. Kemp (editors), The active management of hornbills and their habitats for conservation. Proceedings of the 4<sup>th</sup> International Hornbill Conference, Pretoria, South Africa.

#### **Sagers, Cynthia L.**

Sagers, C.L. and P.D. Coley. 2007. Beneficios y costos de defense en un arbusto del neotrópico. *In* N. Gomez and EG Leigh (eds) Ecología y Evolución en los Trópicos, Smithsonian Institution Press, Washington, D.C.

## **REFEREED PUBLICATIONS:**

### **Beaupre, Steven J.**

Hill, J.G. and S.J. Beaupre 2008. Body size, growth and reproduction in a population of western cottonmouths (*Agkistrodon piscivorus leucostoma*) in the Ozark Mountains of Northwest Arkansas. *Copeia* 2008:103-112.

Beaupre, S. J. and H. W. Greene. 2008. Handling Hazardous Live Reptiles. Appendix for R. McDiarmid (ed.) *Reptiles: Standard Methods of Inventory and Monitoring*. Smithsonian Institution Press, Washington, DC.

### **Brown, Arthur V.**

Radwell, Andrea, J. and Arthur V. Brown. 2007. Benthic meiofauna assemblage structure of headwater streams: density and distribution of taxa relative to substrate size. *Aquatic Ecology* DOI 19.1007/s10452-007-9108-0.

### **Curtin, Kathryn**

Curtin, Kathryn D., Wyman Robert J., Meinertzhagen, I.A. Basigin/EMMPRIN/CD147 Mediates Neuron-Glia Interactions in the Optic Lobe of *Drosophila*. *GLIA* 55: 1542-1553.

### **Durdik, Jeannine M.**

Srivastava, S., H Banerjee, A Chaudhry, A Khare, A Sarin, A George, V Bal, J M Durdik, and S Rath. 2007. Essential roles for apoptosis-inducing factor (Aif) in the T cell lineage. *Journal of Immunology* 179: 797-803.

### **Etges, William J.**

Etges, W. J., C. C. de Oliveira, E. Gragg, D. Ortíz-Barrientos, M. A. F. Noor and M. G. Ritchie. 2007. Genetics of incipient speciation in *Drosophila mojavensis*. I. Male courtship song, mating success and genotype x environment interactions. *Evolution* 61:1106-1119.

Etges, W. J. 2007. In Memoriam. William B. Heed, 1926-2007. *Evolution* 61:2739-2742.

### **Gentry, Johnnie**

Hardcastle, Edith L., Robert M. McElderry, and Johnnie L. Gentry. 2007. Distribution, Habitat, and Current Population Size Estimates for *Polymnia cossatotensis* (*Ouachita leafcup*)[*Asteraceae*], A Rare Arkansas Endemic. *Castanea* 72(4):194-204.

## **Henry, Ralph**

Lewis, P, I Fritch, RE Gawley, RL Henry, A Kight, JO Lay, R Liyanage, J McLachlin (2008). Dynamics of saxitoxin binding to saxiphilin c-lobe reveals conformational change. *Toxicon*. 51:208-217.

Henry, RL, RL Goforth, D Scheunemann (2007). Chloroplast SRP/FtsY and Alb3 in Protein Integration into the Thylakoid Membrane; In *The Enzymes (Volume 25; Molecular Machines Involved In Protein Transport Across Cellular Membranes)*, Ross E. Dalbey, Carla Koehler, and Fuyuhiko Tamanoi Editors.

Tzvetkova-Chevolleau T, C Hutin, LD. Noël, RL Goforth, JP Carde, S Caffarri, I Sinning, M Groves, JM Teulon, NE Hoffman, RL Henry, M Havaux and L Nussaume (2007). Canonical SRP components can be bypassed for post-translational protein targeting in chloroplasts. *Plant Cell*. 19(5):1635-48.

Peterson E, MG Gunnell, Y Che, RL Goforth, FI Carroll, RL Henry, H Liu, SM Owens (2007). Using Hapten Design to Discover Therapeutic Monoclonal Antibodies for Treating Methamphetamine Abuse. *J Pharm. Exp. Therap.* 322(1):30-9.

## **Huxel, Gary**

Holt, R.D. and G.R. Huxel. 2007. Alternative prey and the dynamics of intraguild predation: Theoretical perspectives. *Ecology* 88:2706-2712.

Huxel, G.R. 2007. Antagonistic and synergistic interactions among predators. *Bulletin of Mathematical Biology* 69:2093-2104.

## **James, Douglas A.**

James, Douglas A. and Ragupathy Kannan. 2007. Wild Great Hornbills (*Buceros bicornis*) do not use mud to deal nest cavities. *The Wilson Journal of Ornithology* 119:118-121.

## **Kral, Timothy A.**

Bielke, L.R., S.E. Higgins, A.M. Donoghue, T. Kral, D.J. Donoghue, B.M. Hargis and G. Tellez. 2007. Evaluation of Alternative Host Bacteria as Vehicles for Oral Administration of Bacteriophages. *Intl. J. Poultry Sci.* 6(10): 758-761.

**Krementz, David G.**

James, R. A., and D. G. Krementz. 2007. Dispersal patterns of giant Canada geese in the central United States. *Proc. Annu. Conf. Southeast. Assoc. Fish and Wildl. Agencies* 59:144-154.

Collier, B. A., and D. G. Krementz. 2007. Uncertainty in age-specific harvest estimates and consequences for white-tailed deer management. *Ecological Modelling* 201:194-204.

Myatt, N. A., and D. G. Krementz. 2007. Fall migration rates, and habitat use of American woodcock in the Central United States. *Journal of Wildlife Management*. 71:1197-1205.

Myatt, N. A., and D. G. Krementz. 2007. American woodcock fall migration using Central Region band recovery and wing receipt data. *Journal of Wildlife Management*. 71:336-344.

Lehnen, S. E., and D. G. Krementz. 2007. The influence of body condition on stopover ecology of least sandpipers in the lower Mississippi Alluvial Valley during fall migration. *Avian Conservation and Ecology* 2(2): 9.

**Lehmann, Michael**

Cao, C., Liu, Y. and Lehmann, M. (2007). Fork head controls the timing and tissue selectivity of steroid-induced developmental cell death. *J. Cell Biol.* **176**, 843-852.

[Accompanied by *Comment*: Thummel, C. S. (2007). To die or not to die - a role for Fork head. *J. Cell Biol.* **176**, 737-739.]

Liu, Y. and Lehmann, M. (2008). Genes and biological processes controlled by the *Drosophila* FOXA ortholog Fork head. *Insect Mol. Biol.* 17, 91-101.

**Magoulick, Daniel D.**

Flinders, C.A. and D.D. Magoulick. 2007. Habitat use and selection within Ozark lotic crayfish assemblages: spatial and temporal variation. *Journal of Crustacean Biology* 27:242-254.

Magoulick, D.D. and R.J. DiStefano. 2007. Invasive crayfish *Orconectes neglectus* threatens native crayfishes in the Spring River drainage of Arkansas and Missouri. *Southeastern Naturalist* 6:141-150.

Dekar, M.P. and D.D. Magoulick. 2007. Factors affecting fish assemblage structure during seasonal stream drying. *Ecology of Freshwater Fish* 16:335-342.

Flinders, C.A. and D.D. Magoulick. 2007. Effects of depth and crayfish size on predation risk and foraging profitability of a lotic crayfish. *Journal of the North American Benthological Society* 26:767-778.

Scott, M.K. and D.D. Magoulick. 2008. Swimming performance of five warmwater stream fish species. *Transactions of the American Fisheries Society* 137:209-215.

**McNabb, David S.**

Fologea, D., B. Ledden, D. S. McNabb, and J. Li. 2007. Electrical Characterization of Protein Molecules by a Solid-State Nanopore. *Applied Physics Letters* 91:053901.

**Rhoads, Douglas D.**

S. Bailes, J. Devers, J.D. Kirby and D.D. Rhoads. (2007) An Inexpensive, Simple Protocol for DNA Isolation from Blood for High Throughput PCR or Restriction Endonuclease-based Genotyping. *Poultry Science* 86:102-106.

**Sagers, Cynthia L.**

Sagers, C.L. and F. Goggin. 2007. Isotopic enrichment in a phloem-feeding insect: effects of nutrient and water availability. *Oecologia* 151:464-472.

**Silberman, Jeffrey D.**

Hampl V, Silberman JD, Stechmann A, Diaz-Trivino S, Johnson PJ, Roger AJ (2008). Genetic evidence for a mitochondriate ancestry in the 'amitochondriate' flagellate *Trimastix pyriformis*. *PLoS ONE* 3(1):e1383.

Brown MW, Spiegel FW, Silberman JD. (2007). Amoeba at attention – Phylogenetic affinity of *Sappinia pedata*. *J. Eukaryot. Microbiol.* 54(6):511-519.

Gill EE, Diaz-Triviño S, Barberà MJ, Silberman JD, Stechmann A, Gaston D, Tamas I, Roger AJ. (2007). Novel mitochondrion-related organelles in the anaerobic amoeba *Mastigamoeba balamuthi*. *Mol. Microbiol.* 66(6):1306-1320.

**Smith, Kimberly, G.**

Sodhi, N. S., and K. G. Smith. 2007. Conservation of tropical birds: Mission possible? *J. Ornithology* (Suppl. 2) 148:S305-S309..

**Spiegel, Frederick W.**

Adl, SM, BS Leander, AGB Simpson, JM Archibald, OR Anderson, D Bass, SS Bowser, G Brugerolle, MA Farmer, S. Karpov, M Kolisko, CE Lane, DJ Lodge, DG Mann, R Meisterfeld, L. Mendoza, O. Moestrup, SE Mozley-Standridge, AV Smirnov, and F Spiegel. 2007. Diversity, nomenclature, and taxonomy of protists. *Syst. Biol.* 56(4):1-6.

Aguilar, M, C Lado, and FW Spiegel. 2007. Protostelids from deciduous forests: first data from southwestern Europe. *Mycol. Res.* 111:863-872.

Lindley, LA, SL Stephenson, and FW Spiegel. 2007. Protostelids and Myxomycetes isolated from aquatic habitats. *Mycologia* 99:504-509.

Brown, MW, FW Spiegel, and JD Silberman. 2007. Amoeba at attention – phylogenetic affinity of *Sappinia pedata*. *J. Eukaryotic Microbiol.* 54:511-519.

**Stephenson, Steven L.**

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Stephenson, S. L., M. E. Slay, C. A. Melhart, and A. E. Tuggle. 2007. Cave crickets (Orthoptera: Rhaphidophoridae) as vectors of dictyostelids. *Entomological News* 118:292-295.

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Rosing, W. C., D. W. Mitchell, and S. L. Stephenson. 2007. Corticolous myxomycetes from Victoria. *Australasian Mycologist* 26:9-15.

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Semwal, K. C., R. E. Tulloss, R. P. Bhatt, S. L. Stephenson, and R. C. Upadhyay. 2007. New records of *Amanita* from Garhwal Himalaya, India—*Amanita* section *Amanita*. *Mycotaxon* 101:331-349.

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Rojas, C., and S. L. Stephenson. 2008. Myxomycete ecology along an elevation gradient on Cocos Island, Costa Rica. *Fungal Diversity* 29:117-127.

**Walker, James M.**

Montgomery, C. E., R. N. Reed, H. J. Shaw, S. M. Boback, and James M. Walker. 2007. Distribution, habitat, size and color pattern of *Cnemidophorus Lemniscatus* (Sauria: Teiidae) on Cayo Cochino Pequeno, Honduras. *Southwestern Naturalist* 52:38-45

Walker, J. M. 2008. Squamata-Lizards: *Aspidoscelis costata huico*. *Reproduction Herpetological Review* 39: 85-86.

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**UNREFEREED PUBLICATIONS & PROCEEDINGS:**

**Gentry, Johnnie**

The Arkansas Vascular Flora Project: The Poaceae, Johnnie L. Gentry, Brent Baker, and Jennifer Ogle. The Arkansas Natural Heritage Commission, June 2007. Final Report contained 95 genera and 279 species totaling 312 taxa.

Invasive Plant Survey of Arkansas. USDA APHIS. Johnnie Gentry and Jeremy Whisenhunt. Fieldwork was conducted in 27 counties to locate and record data on ten (10) invasive plant species. This is the final report of a three year, state-wide study for these target species. December 2007.

**Magoulick, Daniel D.**

Cushing, A.W. and D.D. Magoulick. 2007. Movement of rainbow trout in the catch and release areas of Arkansas tailwaters. Arkansas Game and Fish Commission Trout Regulations Guidebook.

Cushing, A.W. and D.D. Magoulick. 2007. Effects of catch-and-release areas on movement and survival of rainbow trout in Arkansas tailwaters. Final Report prepared for the Arkansas Game and Fish Commission, Little Rock, Arkansas.

Larson, E.R. and D.D. Magoulick. 2007. Effects of the introduced crayfish *Orconectes ngelectus* on a native crayfish *Orconectes eupunctus* in an Ozark stream system. Final Report prepared for the Arkansas Game and Fish Commission, Little Rock, Arkansas.



**Rhoads, Douglas D.**

Final Report on Cobb Vantress Project 7/05-9/07. November 2007.

**Smith, Kimberly, G.**

SMITH. K. G. 2007. 100 years ago in the American Ornithologists' Union. *Auk* 124:365-366.

SMITH. K. G. 2007. 100 years ago in the American Ornithologists' Union. *Auk* 124:730-731.

SMITH. K. G. 2007. 100 years ago in the American Ornithologists' Union. *Auk* 124:1107-1108.

SMITH. K. G. 2007. 100 years ago in the American Ornithologists' Union. *Auk* 124:1470-1471.

**Spiegel, Frederick W.**

Spiegel, FW, JD Shadwick, LA Lindley, MW Brown, and G Nderitu. 2007. A beginner's guide to identifying the protostelids. Available as a pdf on the Eumycetozoon Project website: [http://slimemold.uark.edu/pdfs/Handbook1\\_3rd.pdf](http://slimemold.uark.edu/pdfs/Handbook1_3rd.pdf).

**INVITED & REFEREED LECTURES:**

**Beaupre, Steven J.**

Beaupre, S. J. 2007. Philosophy of handling venomous animals: Human and animal behavior. Venom Week Symposium, September 4, 2007, Sonoran Desert Museum. Tucson, AZ

Beaupre, S. J. Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited seminar. Louisiana State University, Lafayette, Lafayette, LA. November 29, 2007.

Beaupre, S. J. Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited seminar. Illinois Natural History Survey, Champaign, IL. May 6, 2008.

Beaupre, S. J. Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited seminar. Truman State University, Biology Department, Kirksville, MO February 29, 2008.

Beaupre, S. J. Applications of mathematics in physiological ecology: Data representation, analysis, and simulation. Invited seminar. Truman State University, Mathematical Biology Group, Kirksville, MO February 28, 2008.

**Brown, Arthur V.**

Macroinvertebrate communities in four Ouachita Mountain headwater streams: diversity, density, biomass, and production. 55<sup>th</sup> Annual Meeting of the North American Benthological Society. Columbia, SC. June 2007.

Impact of treated sewage on meiofauna in headwater streams. 55<sup>th</sup> Annual Meeting of the North American Benthological Society. Columbia, SC. June 2007.

**Etges, William J.**

Genetics of reproductive isolation in diverging populations of *Drosophila mojavensis*: host plant effects. University of St. Andrews, Scotland, November 1, 200

**Evans-White Michelle A.**

Invited for Special Session (Tipping points: searching for thresholds in stream structure and function), North American Benthological Society (International Professional Society), Annual Meeting, Salt Lake City, Utah, May 2008. **Title:** Thresholds in macroinvertebrate biodiversity and stoichiometry across water quality gradients in Central Plains lotic systems. Co-Authors: W.K. Dodds, D.G. Huggins, D.S. Baker.

**Ivey, D. Mack**

Cathodoluminescence and Its Application for Biosignature Analysis of Mn-containing Biogenic Minerals: A Review, Denson, J, Ivey, DM, Sears, DW, Gusik, A, Videki, R. 38<sup>th</sup> Lun. Planet. Sci. Conf, 1338, Houston, TX, Mar 2007, p. 1009

Oligopeptide Permease Genes of *Clostridium difficile* Are Controlled by Both Positive and Negative Regulatory Circuits, D. M. Ivey and C. A. Harris, Abstract 07-GM-A-2877-ASM, 107<sup>th</sup> Annu. Meet. Am. Soc. Microbiology May 24, 2007, Toronto, ON, Canada

Denson, J., V. Chevrier, D. W. G. Sears & D. M. Ivey, (2007) Sulfate reduction: A model for subsurface martian life. *Astrobiology* 7: 508-508.

**Kral, Timothy A.**

Kral, T. and T. Altheide. 2008. Survival of Methanogens Following Desiccation at Mars Surface Pressure for 60 Days. Am. Soc. Microbiol. Ann. Meet.

**Magoulick, Daniel D.**

DiStefano, R.J., D.D. Magoulick, E.M. Imhoff and E.R. Larson. 2007. Use of an intermittent Ozark stream and hyporheic zone by two imperiled crayfishes. Special session on *Crayfish Ecology*, North American Benthological Society, Columbia, South Carolina.

Ludlam, J.P. and D.D. Magoulick. 2007. Spatial and temporal variation in the effects of grazing fish and crayfish on benthic communities during stream drying. Special session on *Ecology and conservation of substrate-oriented fishes*, North American Benthological Society, Columbia, South Carolina.

Ludlam, J.P. and D.D. Magoulick. 2008. Effects of crayfish and grazing fish on benthic communities during stream drying: Spatial and temporal variation. Special session on *Patterns in Stream Ecosystem Functioning Across Bioclimatic Regions*, North American Benthological Society, Salt Lake City, Utah.

**Rhoads, Douglas D.**

SC Munnaluri DO Loyd and DD Rhoads. Analysis of Unique Non-coding RNAs from the Chicken Reproductive Tract. Plant and Animal Genome, San Deigo, CA, Jan. 2007.

B Flack, and DD Rhoads. Cloning And Analysis Of The Chicken DAZL (Deleted In Azoospermia-Like) Promoter As A Marker For Primordial Germ Cell Development. Plant and Animal Genome, San Deigo, CA, Jan. 2007.

D.D. Rhoads. Mapping of genes affecting male fertility in the rooster. USDA Multistate Research Project S1020, Jeckyll Island Club, GA, Nov 2007.

C.D. Smith, N.B. Anthony, G.F. Erf, R.F. Wideman, D.D. Rhoads. Chromosomal Regions Contributing to Development of Ascites and Pulmonary Hypertension, in the Chicken. Plant and Animal Genome, San Diego, CA, Jan 2008

SC. Munnaluri, GM. Raymond, CE. Lang, PA Cleves, DD Rhoads. Analysis of a Novel Set of Non-Coding RNAs Produced in the Chicken Reproductive Tract. Plant and Animal Genome, San Diego, CA, Jan 2008.

DD Rhoads. Analysis of Developmental Regulation of Novel ncRNAs Expressed in the Reproductive Tract. AR Station Report, USDA NC1008, Jan 2008.

DP Froman, DD Rhoads. Mapping of Chromosomal Regions Affecting Fertility Traits in the Rooster. AR Station Report, USDA S1020, Nov 2007.

**Sagers, Cynthia L.**

INVITED SYMPOSIUM CONTRIBUTION: USDA/EPA/NSF Second Symposium for Agricultural Biotechnology Risk Analysis Research, (AGRA), *Competition, Herbivory, and Gene Flow in Engineered Populations of Brassica*, December 5-6, 2007, College Park, Maryland.

INVITED SEMINAR: Southern Illinois University, Department of Plant Biology, *Environmental Risks of transgenes in natural systems*. March 23-25, 2007, Carbondale, Illinois.

**OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

**Beaupre, Steven J.**

Beaupre, S.J. 2007. Long-term studies of field metabolic rate in Timber rattlesnakes (*Crotalus horridus*): Annual variation, critical factors, and implications for bioenergetic studies.

American Society of Ichthyologists and Herpetologists. Annual meeting, St Louis MO, 11 July - 16 July, 2007

Agugliaro, J. and S. J. Beaupre. 2007. A comparison of metabolic rates before and after first ecdysis in timber rattlesnakes (*Crotalus horridus*) American Society of Ichthyologists and Herpetologists. Annual meeting, St Louis MO, 11 July - 16 July, 2007.

Douglas, L, Roberts, K. and Beaupre S. J. 2007. Habitat selection by timber rattlesnakes in Northwest Arkansas. American Society of Ichthyologists and Herpetologists. Annual meeting, St Louis MO, 11 July - 16 July, 2007.

VanDyke, J., Plummer, M. and Beaupre, S.J. 2007. Effects of yolkecotmy on metabolism and growth of noprinate smooth softshell turtles (*Apalone mutica*) from central Arkansas. American Society of Ichthyologists and Herpetologists. Annual meeting, St Louis MO, 11 July - 16 July, 2007.

**Du, Yuchun**

Du Y.-C., T. Zhang, S. Gu, and X. Chen. Multiplex labeling and mass spectrometry analysis reveals Differential Protein Expression of Human Skin Fibroblasts in Response to Different Ionizing Radiations. 55<sup>th</sup> ASMS Conference on Mass Spectrometry. Jun 3 – Jun 7, 2007, Indianapolis, Indiana

**Durdik, Jeannine M.**

Jeannine M. Durdik and Jill E. Hesse. VDJ recombination in old thymocytes. Asilomar, the 45th Mid-Winter Conference of Immunologists, Pacific Grove, CA Jan 28-31, 2007.

Jill Hesse, Matthew Faulkner and Jeannine Durdik. Enumeration of double stranded breaks in developing thymocytes in young and aging mice. American Association of Immunologists 2007, South Beach Miami, FL May 18-22, 2007.

Jeannine M. Durdik and Jill E. Hesse. VDJ recombination in old thymocytes. Asilomar, the 45th Mid-Winter Conference of Immunologists, Pacific Grove, CA Jan 28-31, 2008.

Matthew Faulkner and Jeannine Durdik. Enumeration of double stranded breaks in developing thymocytes in young and aging mice. American Association of Immunologists 2008, San Diego, CA April 5-9, 2008.

Wes Greer and Jeannine Durdik. Creating tools to study Immunity to *Candida albicans*. Arkansas Academy of Science, Arkadelphia, AR. April 5, 2008.

**Etges, William J.**

Genetics of incipient speciation in ecologically diverging populations of *Drosophila mojavensis*. (A poster with C. C. de Oliveira, M. G. Ritchie, and M. A. F. Noor). Presented at the 11th Congress of the European Society of Evolutionary Biology, Uppsala University, Sweden, August 20-25, 2007.

**Gentry, Johnnie**

The Arkansas Vascular Flora Project and the Arkansas Herbarium Network: the flora, the database, and education and outreach programs. George Johnson and Johnnie L. Gentry, ASB, April 2007.

**James, Douglas A.**

"Populations and habitat selection of small mammals in the tallgrass prairies of northwestern Arkansas" Arkansas Academy of Science, 13 April 2007, Arkansas Tech University, Russellville.

"Status of birds newly recorded in Arkansas since 1985" Arkansas Academy of Science, 14 April 2007, Arkansas Tech University, Russellville.

"Status of birds newly recorded in Arkansas since 1985" Southwestern Association of Naturalists, 21 April 2007, Tarleton State University, Stephenville, Texas.

"Winter habitat affinities of two grassland bird species in the lower Mississippi River alluvial valley: Sedge Wren and Le Conte's Sparrow" American Ornithologists' Union, 9 August 2007, University of Wyoming, Laramie.

**Kral, Timothy A.**

Ulrich, R., V. Chevrier, J.D. Chittenden, T. Kral and L. Roe. 2007. Comparison of Numerical Modeling and Temperature Records from the Mars Pathfinder Landing Site. Lunar Planet. Sci Conf.

Altheide, T., V. Chevrier and T. Kral. 2007. Oxidation of Iron and Metabolization of Carbonate through Methanogens: Implications for the Early Terrestrial Environment. Lunar Planet. Sci. Conf.

Kozup, H.A., B.G. Gibson and T.A. Kral. 2007. Methane Production on Rock and Soil Substrates by Methanogens: Implications for Life on Mars. Am. Soc. Microbiol. Ann. Meet.

Kozup, H.A., B.G. Gibson and T.A. Kral. 2007. Methane Production on Rock and Soil Substrates by Methanogens: Implications for Life on Mars. Bioastronomy 2007: Molecules, Microbes and Extracellular Life International Meeting.

Ulrich, R., R. Pilgrim, V.F. Chevrier, L. Roe and T. Kral. 2008. Temperature Fields At Mars Landing Sites: Implications for Subsurface Biology. LPSC XXXIX, (#1341).

Altheide, T.S. and T. Kral. 2008. Low-Pressure Desiccation Effects on Methane Production by Methanogens. LPSC XXXIX, (#1108).

Kral, T.A. and T.S. Altheide. 2008. Survival of Methanogens Following Desiccation at 6 mbar. AbSciCon 2008, (#4048761).

**Krementz, David G.**

Krementz, D. G. 2007. Survival of sora during fall migration in Missouri. American Ornithologists' Union Mtg.

Doster, R. H., and D. G. Krementz. 2007. Winter habitat affinities of two grassland bird species in the lower Mississippi River alluvial valley: Sedge Wren and Le Conte's Sparrow. American Ornithologists' Union Mtg.

Budd, M. J., and D. G. Krementz. 2007. Habitat selection by least bitterns in the Delta of Arkansas. American Ornithologists' Union Mtg

**Magoulick, Daniel D.**

Cushing, A.W. and D.D. Magoulick. 2007. Movement of rainbow trout in the catch and release areas of Arkansas tailwaters. Arkansas Chapter American Fisheries Society, Mt. View, Arkansas.

Cushing, A.W. and D.D. Magoulick. 2007. Movement of rainbow trout in the catch and release areas of Arkansas tailwaters. Southern Division American Fisheries Society, Memphis, Tennessee.

Larson, E.R., R.J. Distefano, D.D. Magoulick and J. Westhoff. 2007. Efficiency of quadrat sampling for riffle-dwelling crayfish. Southern Division American Fisheries Society, Memphis, Tennessee.

Larson, E.R. and D.D. Magoulick. 2007. Competition among juveniles as a potential mechanism for crayfish species displacement in an Ozark river drainage. North American Benthological Society, Columbia, South Carolina.

Dekar, M.P., D.D. Magoulick and G. Huxel. 2007. Spatial and temporal variation in stable carbon and nitrogen isotopes: implications for aquatic food web analyses. American Fisheries Society, San Francisco, California.

Cushing, A.W. and D.D. Magoulick. 2007. Comparison of rainbow trout movements using radiotelemetry and otolith microchemistry in Arkansas tailwaters. American Fisheries Society, San Francisco, California.

Flinders, J.M. and D.D. Magoulick. 2007. Trophic interactions and foraging patterns of rainbow and brown trout in Ozark tailwaters: A stable isotope and gut content analysis approach. American Fisheries Society, San Francisco, California.

Magoulick, D.D., E.R. Larson, K.H. Laycock and J.P. Ludlam. 2008. Predation and stream drying differentially affect survival and habitat use of a native and invasive crayfish. North American Benthological Society, Salt Lake City, Utah.

Larson, E.R., D.D. Magoulick, C. Turner and K.H. Laycock. 2008. Disturbance and species displacement: Differential tolerance to stream drying and desiccation between native and invasive crayfishes. North American Benthological Society, Salt Lake City, Utah.

**McNabb, David S.**

Cano, K.E., Kroger, E.C., and McNabb, D.S. "Influence of the CCAAT-binding factor on the iron uptake pathway of the opportunistic human pathogen *Candida albicans*, Arkansas Biosciences Institute, Little Rock, AR, October 2007.

Fologea, D., Marty, N., Goforth, R., Brown, A., Lewis, N., McNabb, D., Mazur, Y., Salamo, G., Henry, R. Application of a quartz crystal microbalance to visualize the kinetics of biomolecular interactions, Arkansas Biosciences Institute, Little Rock, AR, October 2007.

Li, J. and McNabb, D. Single DNA and protein characterization with a solid-state sensor, Arkansas Biosciences Institute, Little Rock, AR, October 2007.

**Pinto, Ines**

Williamson, W and I. Pinto. 2007. Involvement of Bir1 with histone deacetylation and centromeric chromatin. Yeast Cell Biology Meeting, Cold Spring Harbor, N.Y.

**Sagers, Cynthia L.**

MEETING PRESENTATION: Botany 2007 (Botanical Society of America), Chicago, Illinois. Sagers, C.L., N.S. Bautista, P. Barriga, E.H. Lee, L.S. Watrud. 2007. *Biological interactions in engineered populations of canola*.

**Silberman, Jeffrey D.**

Lindley, LA, MW Brown, A Relic, JD Silberman, and FW Spiegel. 2007. *Schizoplasmodium*: a genus reconstituted. p. 83. Poster presented by Brown.

**Smith, Kimberly, G.**

Presence/absence surveys for monitoring and estimating habitat use of wintering Rusty Blackbirds. American Ornithologists' Union, Laramie, WY, August 2007. (with Jason D. Luscier)

The response of avian populations to oak decline in the Ozark Mountains of Arkansas. American Ornithologists' Union, Laramie, WY, August 2007. (with Maureen R. McClung)

**Spiegel, Frederick W.**

Presentations at the 2007 Annual Meeting of the Mycological Society of America, Baton Rouge, LA, 5-9 August, 2007. Abstracts published in the program. See page numbers with entries.



Brown, MW and FW Spiegel. 2007. Assessment of protostelid diversity in Ozark Plateau oak-hickory forests in the south central USA. p. 53. Poster presented by Brown.

Edwards, SM and FW Spiegel. 2007. Impacts of land use changes on cellular slime molds. p. 64. Poster presented by Edwards.

Lindley, LA, MW Brown, A Relic, JD Silberman, and FW Spiegel. 2007. *Schizoplasmodium*: a genus reconstituted. p. 83. Poster presented by Brown.

Ndiritu, GG and FW Spiegel. 2007. Assessment of protostelid diversity from natural and anthropogenic impacted tropical habitats in Kenya. p. 89. Poster presented by Ndiritu.

Ndiritu, GG, FW Spiegel, and SL Stephenson. 2007. Distribution and ecology of the assemblages of myxomycetes associated with major vegetation types in Big Bend National Park, USA. p.89-90. Poster presented by Ndiritu.

Spiegel, FW, JD Shadwick, MW Brown, and DE Hemmes. 2007. Protostelids of the Hawaiian Archipelago. p. 101-102. Oral presentation by Spiegel.

### **Stephenson, Steven L.**

Tuggle, A. A., C. A. Melhart, M. E. Slay, and S. L. Stephenson. 2007. Cave crickets as vectors for dictyostelids in caves. Mycological Society of America Annual Meeting and Foray Abstracts 1:106.

Stephenson, S. L., M. Schnittler, and Y. K. Novozhilov. 2007. Global distribution patterns of myxomycetes. Mycological Society of America Annual Meeting and Foray Abstracts 1:103.

Rollins, A. W., and S. L. Stephenson. 2007. Ecology of grassland myxomycetes. Mycological Society of America Annual Meeting and Foray Abstracts 1:99.

Rollins, A. W., and S. L. Stephenson. 2007. Dictyostelids associated with North American grasslands. Mycological Society of America Annual Meeting and Foray Abstracts 1:98-99.

Rojas, C., and S. L. Stephenson. 2007. Ecology of myxomycetes from high-elevation areas of the Neotropics. Mycological Society of America Annual Meeting and Foray Abstracts 1:98.

Rojas, C., S. L. Stephenson, and D. Biffi. 2007. Resource partitioning and niche overlap in three species of *Ceratiomyxa*. Mycological Society of America Annual Meeting and Foray Abstracts 1:98.

Winsett, K. E., S. L. Stephenson, and J. M. Packard. 2007. Slime molds of the Big Thicket National Preserve, Taxonomic Working Group of the All Taxa Biodiversity Inventory (ATBI). Mycological Society of America Annual Meeting and Foray Abstracts 1:110.

Winsett, K. E., and S. L. Stephenson. 2007. Morphological variation within one species of cosmopolitan myxomycete. Mycological Society of America Annual Meeting and Foray Abstracts 1:109.

Landolt, J. C., and S. L. Stephenson. 2007. Mycetozoans of the Great Smoky Mountains National Park. Southeastern Naturalist 6:13.

Shadwick, J. D., I. Timling, S. L. Stephenson, and F. W. Spiegel. 2007. First records of protostelids (Eumycetozoa) from the Antarctic Peninsula. Meeting Program of the Joint Meeting of Phycological Society of America and International Society of Prototistologists 1:81.

Ko Ko, T. W., S. L. Stephenson, K. D. Hyde and S. Lumyoung. 2007. Lignicolous myxomycetes from Chiang Mai Province. Abstract Program for the Annual Meeting of Thai Mycological Association and Mycology Conference in Thailand 1:15.

### **OTHER CREATIVE ENDEAVORS:**

**Beaupre, Steven J.**

Workshop on Venomous Snakes of Arkansas: “Clean out, Clean up and Green up” Washington County Extension Service, Environmental Affairs Office. Displayed animals and answered questions from the public for four hours, Saturday May 5, 2007.

### **Chemistry/Biochemistry**

#### **BOOKS:**

**Pulay, Peter.** “Vibrational Spectroscopy of Polymers: Principles and Practice. Edited by Neil J. Everall (ICI Measurement Science Group, Wilton, U.K.), John M. Chalmers (VS Consulting, Stokesley, U.K.), and Peter R. Griffiths (University of Idaho, Moscow, ID). John Wiley & Sons, Ltd: Chichester. 2007. xii + 574 pp. ISBN 978-0-470-01662-6. Journal of the American Chemical Society ACS ASAP.

**Schäfer, Lothar.** “Em Busca de la Realidad Divina,” Lumen Publishing, Buenos Aires, 2007.

## **CHAPTERS:**

**Schäfer, Lothar.** “Versteckte Wirklichkeit: Quantentheorie und Transzendenz als Grundlage für ein neues Bild vom Ursprung des Lebens,” in: Martin Rothgangel / Ulrich Beuttler (Hg.), Glaube und Denken. Jahrbuch der Karl-Heim-Gesellschaft 20. Jahrgang 2007, Peter Lang GmbH, Frankfurt/Main 2007, 197-222.

**Schäfer, Lothar,** 2008. Nicht-Empirische Wirklichkeit: Die Quantenwirklichkeit als Grundlage der Prä-Darwinistischen Konzeption der Evolution aus der Gesetzlichkeit der Natur,” In: Frank Vogelsang and Hubert Meisinger, eds.; Bonn, Germany: Evangelische Akademie im Rheinland.

## **REFEREED ARTICLES: Students' names are underlined.**

**Adams, Paul D.;** Oswald, Robert E. “NMR assignment of Cdc42(T35A), an active Switch I mutant of Cdc42.” *Biomolecular NMR Assignments* (2007), 1(2), 225-227.

**Anathamurthy, K.; Kathir, K.M.;** Kight, A.; **Goforth, Robyn; Henry, Ralph; Kumar, T.K.S.** “<sup>1</sup>H, <sup>15</sup>N, and <sup>13</sup>C resonance assignments of the C-terminal domain of the 43 kDa subunit of the chloroplast signal recognition particle.” *Biomolecular Resonance Assignments* DOI: 10.1007/s12104-007-9078-0.

**Baker, Jon;** Wolinski, Krzysztof; **Pulay, Peter.** “Parallel DFT Gradients using the Fourier Transform Coulomb Method.” *Journal of Computational Chemistry* (2007), 28(16), 2581-2588.

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**Tian, Z. Ryan.** “Manufacture of Titania Nanostructures, Membranes and Films.” *PCT Int. Appl.* (2008), 56 pp.

**Wilkins, Charles L.** “Introduction to Mass Spectrometry: Instrumentation, Applications and Strategies for Data Interpretation by J. Throck Watson and O. David Sparkman.” *TrAC, Trends in Analytical Chemistry* (2008), 27(1), I-II.

**Yousaf, Taher I.**; Williams, Roger L.; Coldham, Iain; **Gawley, Robert E.** “The Barrier to Enantiomerization of N-Boc-2-lithiopyrrolidine: The Effect of Chiral and Achiral Diamines.” *Chemical Communications* (Cambridge, United Kingdom) (2008), (1), 97-98.

#### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

Abraham, Jose K.; Dubaka, Sridhar; Varadan, Vijay K.; Zhou, Huajun; Zhang, Tierui; **Tian, Z. Ryan.** “Piezoelectric Three-dimensional Nanostructures for Developing Point-of-care Biosensors.” *Proceedings of SPIE-The International Society for Optical Engineering* (2007), 6528 (Nanosensors, Microsensors, and Biosensors and Systems 2007).

Bruno, Michael J.; **Koeppe, Roger E., II**; Andersen, Olaf S. "Docosahexaenoic Acid Alters Bilayer Elastic Properties." Proceedings of the National Academy of Sciences of the United States of America (2007), 104(23), 9638-9643.

### **INVITED LECTURES:**

**Adams, Paul D.** Speaker, 2008 NIH NCCR Center for Protein Structure and Function Symposium, University of Arkansas, Fayetteville, AR, May 2008.

**Adams, Paul D.** Biochemistry Technical Session, National Organization of Black Chemist and Chemical Engineers, Philadelphia, PA, March 17, 2008.

**Adams, Paul D.** Lecture given to the Department of Chemistry at Pittsburg State University, KS, February 29, 2008.

**Adams, Paul D.** Guest Lecturer, Pittsburg, KS Chapter of the American Chemical Society Meeting, Pittsburg, KS, February 28, 2008.

**Fritsch, Ingrid.** "Microelectrochemical Detection and Enhanced Sample Preparation for Dust Allergens." International Society of Electrochemistry, Banff, Canada, September 9-14, 2007.

**Fritsch, Ingrid.** "Rapid Sample Preparation and Optimized Electrode Design for Dust Allergen Assays Integrated with Microelectrochemical Detection." 34<sup>th</sup> Annual Meeting of the Federation of Analytical Chemistry and Applied Spectroscopies (FACSS), Memphis, TN, October 14-18.

**Fritsch, Ingrid.** "Redox Magnetohydrodynamic Fluidics in Microelectrochemical Systems." Pittcon 2008, New Orleans, LA, March 1-6, 2008.

**Fritsch, Ingrid.** "Control of Solution Velocities by Redox Magnetohydrodynamics in Microelectrode Systems." 214th Meeting of the Electrochemical Society, Phoenix, AZ, May 18-23, 2008.

**Gawley, Robert E.** Invited lectures at University of Manchester, University of Liverpool, University of Sheffield, University of Regensburg and Ludwig Maximilian University (Munich).

**Koeppe, Roger.** "Interactions of Tryptophan and Lysine with Membrane Lipids at the Protein/Bilayer Interface." 8<sup>th</sup> International Symposium on Biochemical Roles of Eukaryotic Cell Surface Macromolecules, Centre for Cellular and Molecular Biology, Hyderabad, India, January 21-25, 2008.

**Kumar, T.K.S.** "Understanding the Structural Forces in FGF Signaling." 2008 Functional Genomics Consortium meeting at Kansas State University, March 4, 2008.

**Lay, Jr., Jackson O.** “Applications of Mass Spectrometry to Protein Identification and Proteomics: Peptide Mass Fingerprinting and Peptide Sequencing.” UAMS, March 7, 2008.

**Lay, Jr., Jackson O.** “Mass Spectrometry and Bacterial Taxonomy.” Department of Pharmacology, University of Arkansas for Medical Sciences, 2008.

**Lay, Jr., Jackson O.** “Mass Spectrometry of Proteins.” Mass Spectrometry Users Group, University of Arkansas for Medical Sciences, 2008.

**Lay, Jr., Jackson O.** “High Performance Mass Spectrometry.” PharmaForum 08, Little Rock, Arkansas, 2008.

**McIntosh, Matthias.** “Studies in Complex Molecule Synthesis.” National Tsing-hua University, Hsin-chu, Taiwan, October 9, 2007.

**McIntosh, Matthias.** “Studies in Complex Molecule Synthesis.” National Taiwan University, Taipei, Taiwan, October 12, 2007.

**McIntosh, Matthias.** “Applications of the Allylic Diazene Rearrangement in Natural Product Synthesis.” Texas Christian University, Fort Worth, Texas, November 29, 2007.

**McIntosh, Matthias.** “Applications of the Allylic Diazene Rearrangement in Natural Product Synthesis.” Southern Methodist University, Dallas, Texas, November 30, 2007.

**Millett, Frank.** “Design of New Ruthenium Complexes for Time-resolved Studies of Proton Pumping Electron Transfer Complexes.” 52<sup>nd</sup> Annual Biophysical Society Meeting, Long Beach, CA, February 2-6, 2008.

**Paul, David.** “Chemical Sensors: The Promise and the Problems, The Progress at Arkansas.” Faculty of the Institute for Analytical Chemistry, University of Regensburg, Germany, June 13, 2008.

**Paul, David.** “Atlantis Lectures 1 & 2: Thickness Shear Mode Acoustic Wave Sensors.” Undergraduate students, University of Regensburg, Germany, June 16, 2008.

**Pulay, Peter.** “Two Applications of Computational Spectroscopy: IR Spectra of Polycyclic Aromatic Hydrocarbons, and Protein Structural Information from NMR Shifts.”

**Pulay, Peter.** “Interplay between theory and experiment in molecular spectroscopy,” IXth International Conference on Molecular Spectroscopy, Wroclaw, Poland, Sept. 12-16, 2007.

**Schäfer, Lothar.** Salzburg, Austria, Quantum Mind Conference, July 17, 2007.

**Schäfer, Lothar.** St. Paul's Episcopal Church, Fayetteville, AR. Three Lectures: September 9, 16, and 23, 2007.

**Schäfer, Lothar.** Buenos Aires, Argentina; Latin American Rabbinic Seminary, November 19, 2007.

**Schäfer, Lothar.** Buenos Aires, Argentina. Instituto Universitario ISEDET, November 20, 2007.

**Schäfer, Lothar.** Seminario Dr. Gonzalo B. Camargo, January 17, 2008.

**Schäfer, Lothar.** Seminario Teologico Presbiteriano de México, January 18, 2008.

**Schäfer, Lothar.** Fayetteville High School, Fayetteville, AR, February 11, 2008.

**Schäfer, Lothar.** Maryland Presbyterian Church, Adult Forum, April 21, 2008.

**Schäfer, Lothar.** Maryland Presbyterian Church, Young and Adult Study Group, April 21, 2008.

**Schäfer, Lothar.** Moreira, Minho, Portugal, May 11, 2008.

**Stenken, Julie A.** Microdialysis Sampling of Protein-Based Chemical Communication. 2<sup>nd</sup> Southern and Eastern Africa Network of Analytical Chemists Conference. 15-18 July. Gaborone, Botswana.

**Stenken, Julie A.** Decoding the in vivo Chemical Conversations among Cells, INBRE, University of Arkansas, November 9, 2007.

#### **OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:**

**Adams, Paul;** Loh, Adrienne; McFeeters, Robert; Oswald, Robert. "Protein Structure and Dynamics in the Switch I Region of Cdc42Hs." 52<sup>nd</sup> Annual Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Anathamurthy, K.; Kathir, K.M.; Goforth, R.; Henry, R.; Kumar, T.K.S.** "3D Solution Structure of the c-Terminal Chromodomain of the Chloroplast Signal Recognition Particle." Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Anathamurthy, K.; Kathir, K.M.; Goforth, R.; Henry, R.; Kumar, T.K.S.** “3D Solution Structure of the c-Terminal Chromodomain of the Chloroplast Signal Recognition Particle.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Batoy, S.M.A.B.; Borgmann, Sabine; Jones, Jeffrey;** Kaiser, P.; **Wilkins, Charles L.** “Comparative Analysis of Phospholipid Profiles of *Sacharomyces cerevisiae* by Matrix Assisted Laser Desorption/Ionization Mass Spectrometry (MALDI FTMS).” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, United States, November 9-10, 2007.

**Batoy, S.M.A.B.; Borgmann, Sabine; Jones, Jeffrey;** Kaiser, P.; **Wilkins, Charles L.** “Elucidation of the Impact of Met30 on the Phospholipid Profile of *Saccharomyces cerevisiae* using Matrix-Assisted Laser Desorption Mass Spectrometry.” 56<sup>th</sup> ASMS Conference, Denver, CO, United States, June 2, 2008.

**Beuterbaugh, Aaron M.; Allison, Neil T.** “Study of the Preparation and Chemistry of Iron Vinylallene Complexes: Precursors toward Functionalized TM Complexed 50Member Ring Quinone-Methide Analogs.” Presented at 235<sup>th</sup> ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008.

**Beuterbaugh, Aaron M.; Allison, Neil T.** “A Study of the Approaches for Preparing Functionalized Transition Metal Complexed 5-Member Ring Quinone Methide Analogs.” 42<sup>nd</sup> Midwest Regional Meeting of the American Chemical Society, Kansas City, MO, United States, November 7-10, 2007.

**Bhise, Ashwini; Geren, Lois; Durham, Bill; and Davis, Danny J.** “Examination of the Role of Aromatic Residues Tyrosine-1 and Phenylalanine-4 of Cytochrome f in Electron Transfer to Plastocyanin.” Biophysical Society Annual Meeting, Baltimore, MD, United States, March 2007.

**Binz, Tammy; Allison, Neil.** “Synthesis and Chemistry of di-tert-butylcycloheptatrienylidene when Attached as a Ligand with a Transition Metal.” Presented at the 235<sup>th</sup> ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008.

**Blough, Brian; Rajalingam, D.; Kumar, T.K.S.** Understanding the Mechanism of Fibroblast Growth Factor (FGF) Signaling.” Presented at the 47<sup>th</sup> Annual meeting of the American Society of Cell Biologists, Washington, DC, United States, December 1-5, 2007.

**Brewer, Lorraine; Raines, Anne.** “Moving from Voluntary to Required SI: A Chemistry Case Study.” 5<sup>th</sup> International Conference on Supplemental Instruction, Orlando, FL, May 28-30, 2008.

**Chen, Feng; Dong, Wenjun;** Zhang, Tierui; Ali, Syed,; Duhart, Helen M.; **Tian, Z. Ryan.** “A Smart Bioscaffold of Nanowires for Monitoring Proteins.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Chen, Feng; Dong, Wenjun;** Duhart, H.; Ali, S.; **Tian, Z. Ryan.** “Multiplexed Biochemo-Sensing Platforms on Titanate-Nanowire Bioscaffolds.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Daily, Anna;** Kim, Jung H.; Andersen, Olaf S.; **Koeppe II, Roger E.** “Evaluating Side Chain Hydrophobicity using Bilayer-Spanning Channels: Serine Gramicidin Channels.” 52<sup>nd</sup> Annual Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Daily, Anna; Rajalingam, D.; Kumar, T.K.S.** “Role Annexin in the Non-Classical Secretion of Signal Peptide-less Proteins.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Daily, Anna; Rajalingam, D.; Kumar, T.K.S.** “Role Annexin in the Non-Classical Secretion of Signal Peptide-less Proteins.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Davis, Danny J.** On-Line Quiz Supplement to accompany new text (“Biochemistry” by Berg, Tymoczko and Stryer) for Freeman Publishers, 2007 (available online at [www.whfreeman.com/biochem5](http://www.whfreeman.com/biochem5)).

**Davis, Danny J.** “Memorial Tribute for Dr. Elizabeth Gross.” Midwest/Southeast Photosynthesis Meeting, Marshall, IN, United States, November 2007.

**Davis, Danny J.** “Cation-Pi Interactions in Cytochrome f: Relation to Electron Transfer between Cytochrome f and Plastocyanin.” 52<sup>nd</sup> Annual Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

Zhang, Tierui; **Dong, Wenjun; Keeter-Brewer, Mary;** Anderson, Q.; **Njabon, Roland; Tian, Z. Ryan.** “Controlled Nucleation, Growth and Kinetics in ZnO Hierarchical Nanosyntheses.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Dong, Wenjun; Chen, Feng; Cogbill, Andrew; Padilla, Carmen;** Ali, S.; **Tian, Z. Ryan.** Ceramic Nanowires for Diagnostic, Therapeutic, and Regenerative Nanomedicines.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Dong, Wenjun; Chen, Feng**; Ali, Syed; Sharma, Hari; **Tian, Z. Ryan**. Nanowire-Scaffolding Membranes for Sensing Neurochemicals and Proteins, Filtrating Cell-Sized Particles, and Drug Delivery to the Spinal Cord.” AANM Annual Meeting, San Diego, CA, United States, September, 2007.

**Edwards, Lauren; Adams, Paul**. “An Innovative Method for the Purification of Recombinant Proteins.” 2008 NIH NCCR Center for Protein Structure and Function Symposium, University of Arkansas, Fayetteville, AR. May, 2008.

**Ellis, Rachel; Greathouse, Denise V.** “Effect of Linker on Transmembrane Peptide-Anchored Lactoferricins in Neutral and Anionic Lipids. Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Froyd-Rankenber, Johanna M.; Anderson, Natalie J.; Koeppe II, Roger E.; Greathouse, Denise V.** “Investigation of ‘half-WALP’ Peptides of Model Membrane Lipids using <sup>2</sup>H NMR Spectroscopy. Biophysical Society Meeting, Feb. 2-6, 2008. Long Beach, CA.

Qin, Ling; Mills, Denise A.; Xu, Shujuan; **Geren, Lois**; Hiser, Carrie; Sharpe, Martyn A.; McCracken, John; **Millett, Francis**; Ferguson-Miller, Shelagh. “A Serine to Aspartate Mutation Close to Heme a Results in a Slow, Proton Dependent Electron Transfer from CuA to Heme a and an Altered EPR Spectrum.” 52<sup>nd</sup> Annual Meeting of the Biophysical Society, Long Beach, CA, United States, February 2-6, 2008.

**Gidden, Jennifer; Liyanage, Rohana; Lay, Jr., Jackson O.** “Following the Oxidation and Thermal Decomposition of Edible Oils using MALDI-TOF Mass Spectrometry.” American Society for Mass Spectrometry Meeting, Denver, CO, United States, June 1-5, 2008.

**Greathouse, Denise; Chipollini, Juan**; Dougan, Melisa, McClellan, Nicole, Bradney, Laura; Ladd, Taylor; **Ellis, Rachel**. “Characterization of Membrane Anchored Lactoferricin Peptides by Solid State NMR Spectroscopy.” Arkansas INBRE Research Conference, Fayetteville, AR, November 9-10, 2007.

**Gu, Hong; Diaz, Jennifer; Hinton, James F.; Koeppe, Roger E., II.** “NMR Experiments for the Measurement of carbon relaxation properties in <sup>13</sup>C, <sup>15</sup>N-labeled Gramicidin Channels.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

Bruno, M.J., **Gu, H., Koeppe, R.E. II** and Andersen, O.S. “Amphiphile-Induced Changes in Curvature and Elasticity and Their Roles in Ion Channel Modulation.” (2008) Biophysical Society 52<sup>nd</sup> Annual Meeting, Long Beach, CA. Abstract 387.

**Guo, Fei; Rajalingam, D.; Kumar, T.K.S.; Sakon, Joshua.** “A New Dimeric Structure of FGFR D2 Domain May Contribute to the FGF Signaling Pathway.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Guo, Fei; Rajalingam, D.; Thurman, Ryan; Kumar, T.K.S.; Sakon, Joshua.** “A Novel Dimeric Structure of D2 Domain of FGFR – Insights into the FGF Signaling Mechanism.” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, United States, November 9-10, 2007.

**Guo, Fei; Rajalingam, D.; Kumar, T.K.S.; Sakon, Joshua.** “2:2:2 FGF:FGFR:Heparin Complex.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Havens, Jeff.** “Photoinitiated Electron Transfer between Sulfite Oxidase and Cytochrome c.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Ibrahim, K.; Kathir, K.M.; Kumar, T.K.S.** “Investigation of the Mechanism Underlying the Anti-Mitogenic Activity of Suramin.” Presented at the 47<sup>th</sup> Annual Meeting of the American Society of Cell Biologists, Washington, DC, United States, December 1-5, 2007.

**Ibrahim, K.; Kathir, K.M.; Kumar, T.K.S.** “Investigation of the Mechanism Underlying the Anti-Mitogenic Activity of Suramin.” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, November 9-10, 2007.

**Ibrahim, K.; Kathir, K.M.; Kumar, T.K.S.** “Understanding the Mechanism of the Anti-angiogenic Activity of Suramin.” Presented at the Department of Chemistry & Biochemistry, UARK, Honors Night, April 24, 2008.

**Ibrahim, K.; Kathir, K.M.; Kumar, T.K.S.** “Understanding the Mechanism of the Anti-Angiogenic Activity of Suramin.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Janowski, Tomasz; Pulay, Peter.** “Prediction of pKa Values for Amino Acids and Peptides.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

**Kathir, K.M.; Kumar, T.K.S.** “Understanding the Anti-mitogenic Activity of Suramin.” Presented at the Pharmforum – 7<sup>th</sup> Annual Southern Regional Discussion Group Meeting held in Little Rock, AR, May 1-20, 2008.



**Kathir, K.M.; Sivaraja, V.; Kumar, T.K.S.** “Understanding the Role of Divalent Cations in FGF Signaling.” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, November 9-10, 2007.

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Manning, Z.; **Kathir, K.M.; Kumar, T.K.S.** “RDC Modelling of FGF-1.” Presented at the Department of Chemistry & Biochemistry, UARK Honors Night, April 24, 2008.

Nardi, C.; **Kathir, K.M.; Kumar, T.K.S.** “Understanding the Molecular Mechanism underlying the secretion of fibroblast growth factors.” Presented at the Department of Chemistry & Biochemistry, UARK Honors Night, April 24, 2008.

Ingolfsson, Helgi I.; Mukherjee, Sushmita; **Koeppe II, Roger E.**; Andersen, Olaf S. “Green Tea Catechins Modify Bilayer Mechanical Properties.” Presented at 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

Al’Aref, Subhi .; **Koeppe II, Roger E.**; Andersen, Olaf S. “Sodium Salicylate Modifies Bilayer Mechanical Properties at Physiologic pH. 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

Rasaputra, K.; Rath, N.; **Kumar, T.K.S.** “Matrix Metalloproteinase (MMP) in Avian Bile Fluid.” Presented at the Graduate Research Symposium, University of Arkansas, Fayetteville, AR, March 6, 2008.

Lay, Jackson O., Jr. “Characterization of Bacteria by Whole Cell Maldi Coupled to High Performance Mass Spectrometry,” Annual meeting of the South Central Branch of the American Society for Microbiology, Little Rock, AR, Nov. 1-3, 2007.

**Ojano-Dirain, C.; Pumford, N.R.; Wing, T.; Cooper, M.**; Lay, Jr., Jackson O.; Liyanage, Rohana; Bottje, Walter G. “Identification of Potential Feed Efficiency Biomarkers.” Poultry Science Association Meeting, July 9, 2007.

**Kannan, L.; Rath, N.C.**; Liyanage, Rohana; Lay, Jr., Jackson O. “Identification of Antimicrobial Peptide in Avian Heterophils using Whole Cell MALDI-TOF.” Poultry Science Association Meeting, July 9, 2007.

**Kannan, L.; Rath, N.C.**; Liyanage, Rohana; Lay, Jr., Jackson O. “Identification and Characterization of Thymosin Beta-4 in Chicken Macrophages using Whole Cell MALDI-TOF.” New York Academy of Sciences Meeting.

**Lewis, Nathan E.**; Marty, N.; **Rajalingam, D.**; Kight, A.; **Kumar, T.K.S.**; **Henry, Ralph**; **Goforth, Robyn.** “Interactions with the Translocon in Signal Recognition Particle Based Protein Targeting.” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, AR, United States, November 9-10, 2007.

**Lewis, Nathan E.**; Marty, N.; **Rajalingam, D.**; Kight, A.; **Kumar, T.K.S.**; **Henry, Ralph**; **Goforth, Robyn.** “Interactions with the Translocon in Signal Recognition Particle Based Protein Targeting.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Lewis, Penny M.**; **Fritsch, Ingrid**; **Gawley, Robert E.**; **Henry, Ralph**; Kight, Alicia; **Lay, Jackson O. Jr.**; **Liyanage, Rohana**; **McLachlin, Jeanne.** “Development of a Microelectrochemical Sensor for Saxitoxin Using Saxiphilin C-lobe.” Presented at Arkansas INBRE Fall 2007 Research Conference, Fayetteville, AR, November 20, 2007.

**Lewis, Penny M.**; **Fritsch, Ingrid.**; **Henry, Ralph**; **Gawley, Robert E.** “Progress Toward a Microelectrochemical Sensor for Saxitoxin using Saxiphilin c-Lobe.” Presented at 235<sup>th</sup> ACS National Meeting, New Orleans, LA, April 6-10, 2008.

**Liu, Huimin**; **Adams, Paul.** “Expression of, and Preliminary Biophysical Characterization of a Minimal Binding Domain Peptide of TSC2 that Binds to the Small GTPase Rheb.” 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Liu, Huimin**; **Adams, Paul.** “Expression of, and Preliminary Biophysical Characterization of a Minimal Binding Domain Peptide of TSC2 that Binds to the Small GTPase Rheb.” 2008 NIH NCRR Center for Protein Structure and Function Symposium, University of Arkansas, Fayetteville, AR.

**Liyanage, Rohana**; **Devarapalli, Nagarjuna**; **Puckett, Latisha M.**; **Gidden, Jennifer**; **Stites, Wesley E.**; **Lay, Jr., Jackson O.** “Measurement of Protein Structure and Folding Differences Associated with Systematic Mutations of the Protein Staphylococcal Nuclease using HX-HPLC-ESI-MS.” American Society for Mass Spectrometry Meeting, Denver, CO, United States, June 1-5, 2008.

**Loeschel, Christian M.**; **Neal, Steven**; **Allison, Neil T.** “Study of the Synthesis and Chemistry of Transition Metal Complexed 5-Membered Ring Analogs of Ortho-Quinone Methide.” 42<sup>nd</sup> Midwest Regional Meeting of the American Chemical Society, Kansas City, MO, United States, November 7-10, 2007.

**Mazzanti, Chris; Flagg, Eric; Greathouse, Denise V.; Hinton, James F.; Koeppe II, Roger E.** “Structural Studies of the Transmembrane and Cytoplasmic Domains of Anthrax Toxin Receptor.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**McClellan, N.; Kumar, T.K.S.; Rajalingam, D.; Greathouse, Denise.** “Molecular Interactions of Lactoferricin Peptides.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry Biochemistry, UARK, May 15, 2008.

**McClellan, Nicole, Rajalingam, D.; Kumar, T.K.S.; Greathouse, Denise V.** “Molecular Interactions of Lactoferricin Peptides.” 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**McIntosh, Matthias C.; Qi, Wei.** “Model Studies Toward the Synthesis of the C22-34 Fragment of Antascomycin-B, 234<sup>th</sup> ACS National Meeting, Boston, MA, August 19-23, 2007.

**Miladinovic, Sasa M.;** De Vriendt, Valérie; Lucas, Stéphanie; **Wilkins, Charles L.** “LDI-FTMS Analysis of Thin Films Deposited on Silicon by Plasma Polymerization of Acetylene.” 56<sup>th</sup> ASMS Conference, Denver, CO, United States, June 4, 2008.

**Millett, Francis; Rajagukguk, Sany;** Yang, Shaoqing; Yu, Chang-An; Yu, Linda; **Durham, Bill.** “Use of a Photoactivated Ruthenium Dimer Complex to Measure Electron-Transfer in the Cytochrome bc1 Complex. 63<sup>rd</sup> Southwest Regional Meeting of the American Chemical Society, Lubbock, TX, United States, November 4-7 (2007).

**Millett, Francis; Rajagukguk, Sany;** Yang, Shaoqing; Yu, Chang-An; Yu, Linda; **Durham, Bill.** “Effect of Mutations in the Cytochrome b *ef* Loop on the Electron Transfer Reactions of the Rieske Iron-Sulfur Protein in the Cytochrome bc1 Complex.” Bioenergetics Gordon Conference (2007).

**Moon, K.; Kathir, K.M.; Ibrahim, K.; Gawley, R.E.; Kumar, T.K.S.** “Understanding the Anti-angiogenic Mechanism of Suramin.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Paul, David W.;** Buckholtz, Jody. “Effects of Solution Resistance in Electrode Arrays.” 214<sup>th</sup> Meeting of the Electrochemical Society, Phoenix, AZ, May 18-23, 2008.

**Philominathan, Leena.** “Collagen Binding Mechanism of a Novel Osteoporosis Drug.” Presented at the 52<sup>nd</sup> Biophysical Society meeting, Long Beach, CA, United States, February 2-6, 2008.

**Pickett, Olena; Allison, Neil.** “Study of the Synthesis and Chemistry of Metallaanthracenes.” Presented at the 235<sup>th</sup> ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008.

**Pulay, Peter;** Ford, Alan R.; Chuma, Anthony M. “Two Applications of Computational Spectroscopy: IR spectra of Polycyclic Aromatic Hydrocarbons, and Protein Structural Information from NMR Shifts.” 235<sup>th</sup> ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008.

**Rajalingam, D.; Kumar, T.K.S.** “Is Heparin Binding a Pre-requisite for FGF Signaling?” Presented at Arkansas INBRE Conference, University of Arkansas, Fayetteville, AR, United States, November 9-10, 2007.

**Rajalingam, D.; Kumar, T.K.S.** “Biophysical characterization of human interleukin 1 $\alpha$ .” Presented at the 52<sup>nd</sup> Biophysical Society meeting, Long Beach, CA, United States, February 2-6, 2008.

Abu-lib-deh, M.; **Rajalingam, D.; Kumar, T.K.S.** “Biophysical Characterization of the Fibroblast Growth Factor Receptor Interactions.” Presented at the Department of Chemistry & Biochemistry, UARK Honors Night, April 24, 2008.

Avery, A.; **Rajalingam, D.; Kumar, T.K.S.** “Effect of Osmolytes on Protein Stability and Folding.” Presented at the 2008 Arkansas Undergraduate Research Conference, Henderson State University, Arkadelphia, AR, United States, April 11-12, 2008.

Loftis, Charles; Xu, J.; **Rajalingam, D.; Kumar, T.K.S.** “Understanding the Mechanism of Acid-Induced Precipitation of Unfolded Proteins.” Presented at the NSF-REU, University of Arkansas, Fayetteville, AR, July 26, 2007.

Marty, N.; **Rajalingam, D.;** Kight, A.; **Lewis, Nathan E.;** **Fologea, Daniel;** **Kumar, T.K.S.;** **Henry, Ralph;** **Goforth, Robyn.** “Role of Membrane-Activated Structural Switch Mechanism in Chloroplast SRP Receptor Function.” Presented at Arkansas INBRE Conference, University of Arkansas, Fayetteville, AR, United States, November 9-10, 2007.

Marty, N.; **Rajalingam, D.;** Kight, A.; **Lewis, Nathan E.;** **Fologea, Daniel;** **Kumar, T.K.S.;** **Henry, Ralph;** **Goforth, Robyn.** “Role of Membrane-Activated Structural Switch Mechanism in Chloroplast SRP Receptor Function.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

Sharma, P.; Singh, S.; **Rajalingam, D.;** **Kumar, T.K.S.** “Light Scattering Studies of Fibroblast Growth Factor (FGF) Interaction with D2 Domain.” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, November 9-10, 2007.

**Rutherford, Lindsay; Rajalingam, D.; Kumar, T.K.S.** “Understanding the Molecular Mechanism Underlying the Auto-Inhibition of Fibroblast Growth Factor Signaling.” Presented at the 52<sup>nd</sup> Biophysical Society meeting, Long Beach, CA, United States, February 2-6, 2008.

**Rutherford, Lindsay; Rajalingam, D.; Kumar, T.K.S.** “Understanding the Molecular Mechanism Underlying the Auto-Inhibition of Fibroblast Growth Factor Signaling.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Richardson, Nicole.** “Mutagenesis of Cytochrome f Y 160 and R 156: Effects on Redox Properties.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Schäfer, Lothar.** “Versteckte Wirklichkeit: Quantentheorie und Transzendenz als Grundlage für ein neues Bild vom Ursprung des Lebens,” in: Martin Rothgangel / Ulrich Beuttler (Hg.), Glaube und Denken. Jahrbuch der Karl-Heim-Gesellschaft 20. Jahrgang 2007, Peter Lang GmbH, Frankfurt/Main 2007, 197-222.

**Staiger, Jay and Davis, D.J.** “Mutation Studies of Cation-Pi Interactions in Cytochrome f: Effects on Stability and Redox Potential, Biophysical Society Annual Meeting, Baltimore, MD, United States, March 2007.

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Mou, Xiaodun; Lennartz, Michelle R.; Loegering, Daniel; **Stenken, Julie A.** “Calibration of Microdialysis Probes During Long Term Implantation.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

Duo, J.; **Stenken, Julie A.** “Heparin-Immobilized Microspheres with Cytokine Binding Properties: Potential Use for Enhanced Microdialysis Sampling.” Presented at American Association of Pharmaceutical Scientists, 2007 Annual Meeting, San Diego, CA, United States. November 11-15, 2007.

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Wang, Y.; Zagorevski, D.; **Stenken, Julie A.** “*In vitro* and *in vivo* Detection of Matrix Metalloproteinase Activities with Microdialysis Sampling and Mass Spectrometry.” 59<sup>th</sup> Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, United States, March 2-7, 2008.

Fletcher, H.J.; **Stenken, Julie A.** “The Development of a Leu-Enkephalin Luminex Assay and its Application for Quantitative Analysis of Enhanced Microdialysis Sampling.” 59<sup>th</sup> Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, United States, March 2-7, 2008.

Duo, J.; Stenken, Julie A. “Heparin-Immobilized Microspheres for Enhanced Relative Recovery of Cytokines during Microdialysis Sampling.” 59<sup>th</sup> Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, United States, March 2-7, 2008.

Surman, C.; Wroczynski, R.; Boyette, S.; **Stenken, Julie A.** “Challenges and Approaches for Optical pH Sensing of Industrial and Drinking Water.” 59<sup>th</sup> Pittsburgh Conference for Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, United States, March 2-7, 2008.

Stites, Wesley E. “Thrombomodulin is Significantly More Oxidized in Smokers,” 6<sup>th</sup> Annual Conference of the International Society for the Prevention of Tobacco Induced Diseases, Nov. 2-4, 2007, Little Rock, AR.

**Kum, Yun Ho;** Stites, Wesley E. “Excluded Volume Effects upon Protein Stability in Covalently Crosslinked Proteins with Variable Linker Lengths.” 235<sup>th</sup> ACS National Meeting, New Orleans, LA, United States, April 6-10, 2008.

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**Thurman, Ryan; Rajalingam, D.; Kumar, T.K.S.** “Is Dimerization of FGFR a Prerequisite for FGF Signaling?” Presented at Arkansas INBRE conference, University of Arkansas, Fayetteville, Arkansas, November 9-10, 2007.

**Thurman, Ryan; Rajalingam, D.; Guo, F.; Sakon, Joshua; Kumar, T.K.S.** “Is Dimerization of FGFR a Requisite for FGF Signaling?” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Thurman, Ryan; Rajalingam, D.; Kumar, T.K.S.** “Understanding the Stability of the D2 Domain of the Fibroblast Growth Factor Receptor.” Presented at the NIH NCRR COBRE Symposium held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

**Tian, Z. Ryan;** Zhang, Tierui; **Keeter-Brewer, Mary;** Anderson, Quincy; **Njabon, Roland N.** “Controlled Nucleation, Growth, and Kinetics in ZnO Hierarchical Nanosyntheses.” 234<sup>th</sup> ACS National Meeting, Boston, MA, United States, August 19-23, 2007.

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**Vostrikov, Vitaly; Koeppe II, Roger E.** “Properties of WALP23 in Mixtures of Oriented Lipids Investigated by Solid-State 2H and 31P NMR Spectroscopy.” Presented at the 52<sup>nd</sup> Biophysical Society Meeting, Long Beach, CA, United States, February 2-6, 2008.

**Vostrikov, Vitaly; Koeppe II, Roger E.** “Properties of WALP23 in Mixtures of Oriented Lipids Investigated by Solid-State 2H and 31P NMR Spectroscopy.” Presented at the U.S.-Canada Winter School on Biomolecular Solid State NMR, Stowe, VT, January 20-25, 2008.

**Webb, Nicole; Rajalingam, D.; Greathouse, Denise; Kumar, T.K.S.** “Specificity of the Helical Conformation induced by 2, 2, 2 Trifluoroethanol.” Presented at the NIH NCRR COBRE Symposium, held in the Department of Chemistry & Biochemistry, UARK, May 15, 2008.

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**Weston, Melissa C.; Anderson, Emily C.; Fritsch, Ingrid.** “Manipulating Fluid Flow on a Chip through Controlled-Current Redox Magnetohydrodynamics.” Presented at Arkansas INBRE Fall 2007 Research Conference, Fayetteville, AR, November 10, 2007.

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### BOOKS:

**Frentz, T. S.** *A Trickster in Tweed: The Search for Quality in a Faculty life.* Walnut Creek, CA: Left Coast Press, 2008.

**Scheide, F. M.** & Mehran, H., Eds. (2007). *Chaplin's Limelight and the Music Hall Tradition*, Jefferson, North Carolina: McFarland & Company.

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**Wicks, R. H.** (2007). Emotional Response to Collective Action Media Frames about Islam and Terrorism. *Journal of Media and Religion*, 5, 245-263.

### **OTHER PUBLICATIONS:**

**Corrigan, L. M.** (2008). Review of Forced Passages: Imprisoned Radical Intellectuals and the U.S. Prison Regime. *Quarterly Journal of Speech*, 4, 122-126.

Norton, J., & **Wicks, R. H.** (2007). Bill Knowles: Teacher, mentor and student extraordinaire. *Electronic News*, 1, (1), 53 – 56.

### **Drama**

### **REFEREED ARTICLES and PRESENTATIONS:**

Gibbs, D. Andrew -- “*The Influence of International Lighting Equipment Manufacturers on the U.S. Market*,” U.S.I.T.T. National Convention, Houston, Texas, March, 2008.

Gross, Roger – “*Johnny Gestalo’s Foolproof Scam*,” Great Plains Theatre Conference, May, 2008.

Herzberg, Amy – “*The Importance and Role of a Regionally-Based Acting Program*,” National Congress of Acting Teachers, New York, June, 2007.

Landman, Michael – “*Preparing Undergraduates for M.F.A. Directing Programs*,” Association for Theatre in Higher Education, New Orleans, August, 2007.

Martin, Patricia – “*Creating a Costume Portfolio*,” Southeastern Theatre Conference, Chattanooga, TN, October, 2007.

Riha, Michael – Book Review of Stephen Sherwin’s “*Scene Painting Projects for the Theatre*,” Focal Press Publications, 2007

### **INVITED LECTURES/WORKSHOPS/CREATIVE ACTIVITIES:**

Brusstar, Terry – Assistant Choreographer, Dance Coalition Spring Concert, April, 2008.

Dwyer, Mavourneen – Voice and Diction Coach, “*Bob Marley’s Christmas Carol*,” Theatre Squared, November, 2007.

Dwyer, Mavourneen – Dialect Coach, “*My Father’s War*,” Theatre Squared, May, 2008.

Gross, Roger – Respondent for the David Mark Cohen Playwriting Competition, Association for Theatre in Higher Education, August, 2007.

Gross, Roger – Director, Actor, William Inge 24-Hour Play Festival, Independence, Kansas, September, 2007.

Gross, Roger – Playwright, “*Tumescio, Ergo Sum*,” Edward Albee’s Great Plains Theatre Conference, October, 2007.

Gross, Roger – Actor, role of University President John C. Futrall, in the film “*Beacon of Hope*,” a documentary history of the U.A. produced by Larry Foley, April, 2008.

Herzberg, Amy – Workshop Leader, “*Musical Theatre Audition Techniques*,” Actor’s Studio of Louisville, December, 2007.

Herzberg, Amy – Director, “*Broadway Cabaret*,” Theatre Squared, Nadine Baum Studios, November, 2007.

Herzberg, Amy --Actor, *My Father’s War*, Theatre Squared, Nadine Baum Studios, May, 2008.

Landman, Michael – Faculty Mentor, Not-A-Penny Productions, Student Theatre Group.

Riha, Michael – Resident Assistant Set Designer, Municipal Opera Company of St. Louis, Summer, 2007.

Riha, Michael – Set Designer, *Oklahoma!*, *Grease*, *Peter Pan*, *Joseph and the Amazing Technicolor Dreamcoat*, MUNY, Summer, 2006.

Riha, Michael – Set Designer, *Lilly’s Purple Plastic Purse*, Theatre Squared, August 2007.

#### **OTHER CREATIVE ENDEAVORS:**

Brusstar, Terry. revised her upcoming text -- “*The Artistic and Cultural Significance of Dance as an Art Form*” -- adding a chapter on Student Research to include “*The Movement of the Belly Dance*” (2005) by Chelle McKenzie, ‘*Authenticism: Belly Dancing and Other Dances of the Middle East and the Maghreb*’ (2000) by Meredith N. Mayes, “*Sufism and Dance*” (2001) by Ali Moeen, and “*Whirling Dervish: Dance as a Doorway*” (2003) by N. Wesley Hunt.

Dwyer, Mavourneen. Associate Editor, **International Dialects of English Archives**, University of Kansas.

Gibbs, D. Andrew. Theatrical renovation, Northwest Arkansas Academy for Fine Arts, Bentonville.

Gibbs, D. Andrew. Designed rigging, lighting, stage floor, seating, T.V. studio, and theatre support spaces for the Searcy High School Performing Arts Center, Searcy, Arkansas.

Gibbs, D. Andrew. Designed lighting system renovation for the Burke Theatre at the University of Louisiana – Lafayette, Louisiana.

Gibbs, D. Andrew. Designed stage floor renovation for the Cabe Theatre, Hendrix College, Conway, Arkansas.

Gibbs, D, Andrew. Designed new theatre for Fort Scott Community College, Ft. Scott, Kansas

Gross, Roger. Referee, Voice and Speech Review, Journal of the Voice and Speech Trainers Association.

Herzberg, Amy. Director, *Alfreda*, Theatre Squared, August, 2007.

Herzberg, Amy. Actress, *Broadway Cabaret*, Theatre Squared, November, 2007.

Herzberg, Amy. Actor, *My Father's War*, Theatre Squared, May, 2008.

Landman, Michael – Participant, “Winter Wonderland” Stage Combat Workshop, Chicago.

Landman, Michael. – Participant, National Congress of Acting Teachers, The Actor’s Center, New York, Summer, 2007.

Landman, Michael.—Presented professional workshop, “*Sitting in the Director’s Chair*”, U.A.

Riha, Michael. – Portfolio development assistance to Shawn Irish, Adam Micielica, April Heard, Brian Saxton and Heather Roberson for the Cover the Walls Exhibit at U.S.I.T.T. and the Kennedy Center American College Theatre Festival.

## **English**

### **BOOKS:**

BOOKER, M. KEITH. *Postmodern Hollywood: What’s New in Film and Why It Makes Us Feel So Strange*. Westport, Conn: Praeger, 2007.

*May Contain Graphic Material: Comic Books, Graphic Novels, and Film*. Westport, Conn:, Praeger, 2007.

*From Box Office to Ballot Box: The American Political Film*. Westport, Conn.: Praeger, 2007.

BROCK, GEOFFREY, trans. *Skylark Farm* (by Antonia Arslan). New York: Knopf, 2007.

JOLLIFFE, DAVID and Hepzibah Roskelly. *Everyday Use: Rhetoric at Work in Reading and Writing*, 2<sup>nd</sup> edition. New York: Pearson, 2008.

Editor, *Reading and Writing Analytically*. New York: The College Board, 2008.

MCCOMBS, DAVIS. *Dismal Rock*. Dorset, Vermont: Tupelo, 2007.

### **CHAPTERS:**

BOOKER, M. KEITH. "The Politics of *Star Trek*." *The Essential Science Fiction Television Reader*. J. P. Telotte, ed. Lexington: Univ. of Kentucky Press, 2008, pp. 195-208.

BURRIS, SIDNEY. "Reading Heaney Reading." *Seamus Heaney: Poet, Critic Translator*. Ashby Bland Crowder, Jason David Hall, eds. New York: Palgrave MacMillan, 2007: 59-73.

"Rescue the Drowning. Tie Your Shoe Strings." *Living Blue in the Red States*. (Nebraska Univ. Press, 2007): 207-229.

CANDIDO, JOSEPH. "Why is *Twelfth Night* Called *Twelfth Night*?" *Reconciliation in Selected Shakespearean Dramas*. Beatrice Batson, ed. Cambridge: Cambridge Scholars Publishing, 2008, pp. 115-134.

KAHF, MOHJA. "From Her Royal Body the Robe Was Removed: The Blessings of the Veil and the Trauma of Forced Unveiling in the Middle East." *The Veil: Its History, Lore, and Politics*. Berkeley: Univ. of California Press, 2008.

### **REFEREED SCHOLARLY AND CREATIVE PUBLICATIONS:**

BERNHARD JACKSON, EMILY. "*Manfred*'s Mental Theatre and the Construction of Knowledge." *SEL* 47.4 (2007): 799-824.

Review of *Leigh Hunt and the London Literary Scene* by Michael Eberle-Sinatra, And *Romantic Genius and the Literary Magazine* by David Higgins. *The Wordsworth Circle* (Autumn 2006, published March 2007): 228-229.

BROCK, GEOFFREY. "Autobiophagy." *Unsplendid* 1 (internet publication).

Two Poems in *Literary Imagination* 9.1 (2007)

Two Poems in *Poetry* 190.2 (2007).

“The President’s Funeral.” *Unsplendid* 2 (internet publication)

“Some Recent Italian Poems.” *Poetry* 191.3 (December 2007).

“Street Smells and Street Noises, Life.” *American Poet* 33 (Fall 2007).

Thirteen new translations (twelve poems and one essay) in *Poetry* (December 2007).

Eleven New Poems Published in *Poetry*, *Poetry Northwest*, *Unsplendid*, *Hudson Review*, *Electronic Poetry Review*, *Drunken Boat*, *la fovea*, and *The New Criterion*.

Four Poems Anthologized: “Homeland Security” in *Poetry Calendar 2008: 365 Classic and Contemporary Poems*, 2007.

“Father Countries.” In *From the Other World: Poems in Memory of James Wright*, 2007.

“Flesh of John Brown’s Flesh: Dec. 2, 1859.” In *The Best American Poetry 2007*, 2007.

“Abstraction.” In *Writing Poems* (7<sup>th</sup> ed.), Longman, 2007.

One Translation Anthologized: “Indifference” by Cesare Pavese in *Writing Poems* (7<sup>th</sup> ed.), Longman, 2007.

BURRIS, SIDNEY. “Pym, M. and Me.” *Five Points* 11.3 (2007): 43-53.

COCHRAN, ROBERT. “Grow Up in the Country: Pete Whetstone Again in the Field.” *Arkansas Historical Quarterly*, 66 (2007): 372-378.

Review of Henry Glassie, *The Stars of Ballymenone* (Bloomington: Indiana Univ. Press, 2006) in *Journal of Folklore Research* (online posting, January 2007).

Review of Michael North, *Camera Work* (Oxford: Oxford Univ. Press, 2004) in *The Space Between* 3.1 (2007): 130-133.

DUVAL, JOHN and Louise Rozier. “Sonnets VIII-XVII from *A Stick in the Eye*.” *Metamorphoses* 14 (2007): 128-139.

GILES, MOLLY. “What I’m Reading.” *National Book Critics Newsletter*, March 2007.

HEFFERNAN, MICHAEL. “A Face at the Pane.” *The Southern Review* 43.4 (2007): 737-738.

“Another Part of the Forest.” *Margie* 6 (2007): 138-139.

“Forbidden City.” *Alhambra Poetry Calendar 2008*, p. 199.

Four Poems in *Unsplendi*: “The Calm”; “Celebrant”; “The Idiot”; “The Way You Do”; ([www.unsplendid.com](http://www.unsplendid.com)).

“They Always Say He Marks the Sparrow’s Fall.” *Poetry Northwest*, 5 (Spring/Summer 2008): 19.

“The Scent of Rose Water.” *Third Coast* (Spring 2008): 145-146.

“The Odor of Scantiness.” *Crab Orchard Review*, 13.1 (Winter/Spring 2008): 77.

“Under Ben Bulben.” *Third Coast* (Spring 2008): 147.

“Every Journey Has an End.” *Third Coast* (Spring 2008): 148-151.

“All the Best Parts Were Suddenly Taken.” *Crab Orchard Review*, 13.1 (Winter/Spring 2008): 78-79.

JOLLIFFE, DAVID and ALLISON HARL. “Studying the ‘Reading Transition’ from High School to College: What are Our Students Reading and Why?.” *College English* (2008).

KAHF, MOHJA. Two Poems in *Tiferet: A Journal of Spiritual Literature* 5 (2007): 15-16.

Two Poems in *Islamica Magazine*, 2007.

“Isaac Wakes Up to Ismail and Hagar Terrorizing the House.” *Publio: Culture at the Boiling Point* 3 (2008): 77.

“The Mihrab of the Mind.” *The Atlanta Review* (Fall 2007).

“Muslims on Main Street: As American as You Are.” *Washington Post*, 22 July 2007, Outlook Section, p.1.

Three Poems in *Inclined to Speak: Contemporary Arab American Poetry*. Fayetteville, Arkansas: Univ. of Arkansas Press, 2008, pp. 171-176.

“Lifting the Hajar Heel.” *Language for a New Century: Contemporary Poetry from the Middle East, Asia, & Beyond*. Tina Chang, Nathalie Handal, and Ravi Shankar, eds. New York: W.W.

Norton, 2008. (Also includes a translation of Nizar Kabbani's poem "Poetic Communique #1").

MCCOMBS, DAVIS. "The Last Wolf in Edmonson County." *Poetry*, September 2007.

QUINN, WILLIAM. Review of Charlotte Clutterbuck's *Encounters with God in Medieval and Early Modern English Poetry*. *Christianity and Literature* 56 (2007): 503-506.

ZUROSKI, EUGENIA. Review of Leanne Maunu's *Women Writing the Nation*." *Eighteenth Century: Theory and Interpretation*, Summer 2008.

**INVITED, REPRINTED, AND UN-REFEREED PUBLICATIONS:**

BROCK, GEOFFREY. Guest Editor, Italian Portfolio, *Poetry Magazine*

Eleven Poems republished in *The Best American Poetry 2007*, *Writing Poems*, *PoetryFoundation.org*, *Poetry Daily Essentials*, *Poetry Calendar*, *From the Other World: Poems in Memory of James Wright*, [www.PoetryNet.org](http://www.PoetryNet.org), *Rhyming Poems; A Contemporary Anthology* (2007).

Two Translations republished in *Writing Poems* and in *American Poet* (2007).

Two poems published in Italian Translation in *Verso* (2007).

Two new paperback editions of the translation of Antonia Arslan's novel *Skylark Farm* (Atlantic, UK) and (Vintage, USA), 2008.

Two Interviews: "An Interview with Geoffrey Brock, Recipient of the 2006 Lewis Galantière Prize" in *Beacons*

"Stories in the Attic: Interview with Geoffrey Brock." *Verso* 5 (July), 2007

BERNHARD JACKSON, EMILY. Instructor Guides for William Blake; Lord Byron; Percy Bysshe Shelley; Dorothy Wordsworth; William Blake in *The Broadview Anthology of British Literature: Romanticism to Revolution* (available online at Broadview Press website), 2007-2008.

Contributing Editor, *Annotated Bibliography of English Studies* (Taylor and Francis/Routledge (online)).



CANDIDO, JOSEPH. "King Richard's 'I.'" Reprinted in *Shakespearean Criticism: Criticism of William Shakespeare's Plays and Poetry, from the First Published Appraisals to Current Evaluations*, ed. Michelle Lee. Farmington Hills, MI: Thomson Gale, 2007, pp. 206-215.

COCHRAN, ROBERT. "Introduction" to Marie Krohn's *Louise Pound: The 19<sup>th</sup>-Century Iconoclast Who Forever Changed America's Views About Women, Academics, and Sports*. Clearfield, Utah: American Legacy Historical Press, 2007.

GILCHRIST, ELLEN. Reprint of "The Middle Way." *Occasions for Writing*. Thomson Learning, 2007.

Reprint of "Traveller." *The New Choice for Ottende*. Denmark: Gyldendal Boghandel, 2006, 2007.

Reprint of "The Middle Way." *100 Great Essays*. Longman Publishing, 2007.

GILES, MOLLY. "Asuncion." Translated by Hilda Venzor in *Literal: Latin American Voices* (Spring 2007).

"La Modelo de los Escritores." Translated by Toshiya Kamei in *Asfaltica* (Fall 2007).

"La Perdida." Translated by Hilda Venzor in *Literal: Latin American Voices* (Winter 2007).

HEFFERNAN, MICHAEL. Reprint of Six Poems in *The Book of Irish American Poetry, From the Eighteenth Century to the Present*. Daniel Tobin, ed. Notre Dame, Indiana: Univ. of Notre Dame Press, pp. 475-479.

Reprint of Three Poems in *Salmon: A Journey in Poetry, 1981-2007*. Jessie Lendennie, ed. County Clare, Ireland: Salmon Poetry Ltd., 2007, pp. 175-179.

Reprint of "A Face at the Pane." *Poetry Daily* ([www.poems.com](http://www.poems.com)).

"They Always Say He Marks the Sparrow's Fall." ([www.poetrynorthwest.com](http://www.poetrynorthwest.com)).

KAHF, MOHJA. "The Polyandry Fatwa." ([www.Muslimwakeup.com](http://www.Muslimwakeup.com)).

MCCOMBS, DAVIS. "Interview with Davis McCombs" in *Dislocate*.

Featured Poet on website *Poetry 2008*.

Two Poems displayed at exhibition "Visions from Voices: Art Inspired by Kentucky Poetry, Prose, and Songwriting." Kentucky Museum of Art

SLATTERY, PATRICK. "What about a Common Reading Program at the University of Arkansas?" Kevin Fitzpatrick, Karen Hodges, David Jolliffe, Bob McMath, Patrick Slattery, and Bob Smith. *All Things Academic*, 9.1 (2008).

**LECTURES AND READINGS:**

BERNHARD JACKSON, EMILY. "Bloody Globes and Pregnant Nostrils: Freedom, Gender, and the Body in William Blake's *The Four Zoas*." North American Society for the Study of Romanticism Conference, Bristol, England, 2007.

BOOKER, M. Keith. "The (Interdisciplinary) Future of English Studies." Keynote Address at the University of Tulsa's 2008 English Graduate Students Conference, Tulsa, Oklahoma, 8 March 2008.

"The British Boom in Science Fiction." Fayetteville Public Library, 19 March 2008.

BROCK, GEOFFREY. Poetry Reading at Nightbird Books, Fayetteville, Ar., 27 January 2007.

Poetry Reading sponsored by *Subtropics* magazine at the AWP Conference, Atlanta, Ga., 1 March 2007.

Poetry Reading sponsored by *Poetry Calendar 2007* at Agnes Scott College, Atlanta, Ga., 1 March 2007.

"Umberto Saba's Soccer Poems." American Literary Translators Association Annual Meeting, Dallas, Texas, 10 November 2007.

"Translation at Arkansas." Annual Meeting of the Association of Writers and Writing Programs, New York, New York, 1 March 2008.

"Umberto Eco's 'Crossed' Quotations." Blue Metropolis International Literary Festival, Montreal, Canada, 3 May 2008.

Poetry Reading at Blue Metropolis International Literary Festival, Montreal, Canada, 4 May 2008.

COCHRAN, ROBERT. Talk on Geleve Grice Exhibit at Waldron High School, 30 November 2007 and 11 January 2008.

Talk on Geleve Grice Exhibit at Ouachita Technical College, Malvern, 6 February 2007.

Talk on the "Image of Arkansas," at Washington County Historical Society, 16 June 2007.

Talk on the “Rock Island Line” at GT Scholars Group, Fayetteville, 24 July 2007.

Talk on Arkansas Music at the Walton Arts Center to AWE teacher Group, 1 August 2007.

Talk on American Popular Music to Fulbright IEE group, 1 August 2007.

Talk on Skip James at Helena Blues Festival, 6 October 2007.

Talk on Geleve Grice Exhibit

GILCHRIST, ELLEN. Lectured on her work at Converse College, 24 April 2007.

GILES, MOLLY. Reading of “Pie Dance” for the University of Georgia Press at the Associated Writers Program in Atlanta, Georgia, 2 March 2007.

Reading: “The Writers’ Model” at the Aegean Center, Paros, Greece, 27 March 2007.

Talk on “Writers’ Groups” at the California Writers Club, Sunnyvale, California, 11 April 2007.

Reading: “Celtic Studies” at U. C. Davis campus, 5 June 2007.

Reading: “Assumption,” Springdale Rotary Club, 12 November 2007.

JOLLIFFE, DAVID. Lecture on “The African-American Male Literacy Crisis” at Arkansas Baptist College at the Inauguration of Dr. Fitz Hill as President, 10 April 2007.

KAHF, MOHJA. Lecture, Duquesne University, September 10 2007.

Lecture, Presbyterian College, 13 February 2007.

Lecture, Indiana University, South Bend, January 2008.

Lecture, Northeastern State University, Tahlequah, Oklahoma, 4 April 2007.

Lecture, Northwest Arkansas Community College, 29 March 2007.

Lecture, University of Washington, Seattle, Washington, 12 March 2007.

Lecture, Evergreen State College, Olympia, Washington, 9 March 2007.

Poetry Reading, University of Pittsburgh, 10 September 2007.

Poetry Reading, Muslim Public Service Network, Washington DC, 13 July 2007.

Poetry Reading, Eureka Springs, Arkansas, 6 May 2007

Poetry Reading, Stanford University Bookstore, Palo Alto, California, 1 May 2007.

Poetry Reading, Arab Cultural Center, San Francisco, California, 30 April 2007.

Poetry Reading, Fayetteville, Arkansas, 27 April 2007.

Poetry Reading, Fort Smith, Arkansas, 20 April 2007.

Poetry Reading and Talk, Evergreen State College, Olympia, Washington, 11 March 2007

Poetry Reading, Elliott Bay Books, Seattle, Washington, 10 March 2007.

Poetry Reading, Arkansas Literary Festival, 5 April 2008.

Poetry Reading at Mills College, Oakland, California, 20 March 2008.

Poetry Reading at La Pena Community Reading Series, Berkeley, California, 20 March 2008.

Poetry Reading at June Jordan Poetry for the People Center, U C. Berkeley, 19 March 2008.

Reading at Global Middle East Workshop, UNC, Raleigh, North Carolina, 29 February 2008.

Reading at Florida State University, Tallahassee, Florida, 25 January 2008.

Reading at Barnes & Noble, Fayetteville, Arkansas, 5 June 2008.

Poem aired on Australian Broadcasting Corporation radio program *Poetica*, summer 2007.

Reading at Monroe County Public Library, Bloomington, Indiana 24 May 2008 on the subject of her novel *The Girl in the Tangerine Scarf* (see below under “Professional Activities and Honors”)

MCCOMBS, DAVIS. Gave Reading at *Melee* launch party, February 2007.

Poetry Reading, Ozark Poets and Writers Collective, Fayetteville, Arkansas.

QUINN, WILLIAM. “Chaucer a’Counting” at London Chaucer Conference, University of London, 20 April 2007.

“Crossing the Line: Marking an End to *The Kingis Quair*” at the Conference on New Developments in Textual Culture, University of Stirling, Stirling, Scotland, 17 February 2007.

TUCKER, TERRENCE. “Full Bad?: Race, Violence, and Nationalism in Walter Mosley’s Fearless Jones Novels.” College English Association, New Orleans, Louisiana, April 2007.

“Escapism, Crisis, and Whiteness in Eugene O’Neill’s *The Iceman Cometh*.” 20th-Century Literature and Culture Conference, Louisville, Kentucky, February 2007.

“Old Money Dies Hard: New Ways of Looking at the Black Elite in Stephen L. Carter’s *The Emperor of Ocean Park*.” African American Literature and Culture Society 2007 ALA AALCS Symposium, St Louis University, St. Louis, Missouri, 6 October 2007.

ZUROSKI, EUGENIA. “Chinoiserie and Aestheticism: Rewriting British Subjectivity.” David Nichol Smith Seminar in 18<sup>th</sup>-Century Studies XIII, Dunedin, New Zealand, April 2007

“The Epistemology of Interior Decoration.” American Society of Eighteenth-Century Studies, March 2007.

“How do you teach a double entendre?” American Society of Eighteenth-Century Studies, March 2007.

Chaired a panel “Importing and Exporting National Identity.” South Central Society of Eighteenth-Century Studies, New Orleans, Louisiana, February 2008.

Chaired a panel “Experimental Subjects: Graduate Work in 18<sup>th</sup>-Century Literature at the University of Arkansas at the Southeastern American Society of Eighteenth-Century Studies meeting, Auburn, Alabama, March 2008.

“Humor, Humiliation, and the Rebirth of English Identity” at the South Central Society of Eighteenth-Century Studies Meeting in New Orleans, Louisiana, February 2008.

“From Tea to Opium: How Chinese Things Became Oriental.” American Society of Eighteenth-Century Studies Meeting in Portland, Oregon, March 2008.

Co-chaired panel on “Sex Objects: The Erotics of Material Culture” at the American Society of Eighteenth-Century Studies Meeting in Portland, Oregon, March 2008.

## **FOREIGN LANGUAGES**

### **CHAPTERS IN BOOKS:**

Haydar, Adnan. With Michael Beard. "Translation of Hawi's The Mariner and the Dervish," In the Al-'Arabiyya Festschrift for Professor Roger Allen. Spring 2008.

Pappas, Alexandra. "Writing on Archaic Greek Pottery," (with R. Osborne) in Art and Inscriptions in the Ancient World, Z. Newby and R. Leader-Newby, eds. 131-155. Cambridge, 2007.

Pappas, Alexandra. "Remember to Cry Wolf: Visual and Verbal Declarations of Lykos Kalos," in A. E. Mackay, ed., Orality, Literacy, Memory in the Ancient Greek and Roman World (Orality and Literacy in Ancient Greece, Vol. 7). 97-114. Brill, 2008.

Pritchett, Kay. "Abriles, ahogados y otros recursos residuales en Pero el viajero que huye," in Manuel Vázquez Montalbán: El compromiso con la memoria, (ed.) José F. Colmeiro (London: Tamesis, 2007) (refereed).

Ruiz, Reina. "El gran teatro del mundo: Un montaje transatlántico producido en Cali por la Corporación Teatro del Valle." Análisis de espectáculos teatrales (2000-2006). Ed. José Romera Castillo. Madrid: Visor, 2007. (501-513).

### **REFEREED ARTICLES:**

Billings, Sabrina. "Language ideologies and local ethnic languages in Tanzanian beauty pageants." In T. Hallett, S. Floyd, S. Oshima, and A. Shield (eds.), Proceedings of the 14<sup>th</sup> Symposium about Language and Society (SALSA). Austin, TX: Texas Linguistic Forum. 2007

Comfort, Kathleen. "Lycanthropic Frenetism in Pétrus Borel's "Don Andréa Vésalius: L'Anatomiste." European Romantic Review 19.1 (January 2008): 51-61.

Condray, Kathleen. "Using RISE to Promote German: Making the Case for Practical Work Experience Abroad to Engineering Students and Faculty." Die Unterrichtspraxis: 40.1 (2007): 61-66.

Davis, James. With Carl. S. Blyth. "Using Formative Evaluation in the Development of Learner-centered Materials. CALICO (Computer Assited Language Instruction Consortium) Journal. V. 25 No. 1. September 2007.

[http://calico.org/i-107-Vol%2025,%20No.%201%20\(September%202007\).html](http://calico.org/i-107-Vol%2025,%20No.%201%20(September%202007).html)

Fredrick, David. "Titus Androgynous: Foul Mouths and Troubled Masculinity.: Arethusa 41 (2008) 207-235.

Fredrick, David. Review of: Kristina Milnor. *Gender, Domesticity, and the Age of Augustus: Inventing Private Life*. Oxford University Press, 2005, in American Journal of Philology 128 (2007) 605-608.

Restrepo, Luis F. "Tengo los pies en la cabeza de Bericha y los retos de la cultura del reconocimiento" Cuadernos de Literatura [Universidad Javeriana Bogota] 11:22 (enero-junio 2007)

Restrepo, Luis F. ("Los muisca y la modernidad: capitalismo y subjetividades coloniales" Revista Iberoamericana) 73.220 (2007): 453-69.

Restrepo, Luis F. "La cultura intelectual en el Virreinato de la Nueva Granada" Dieciocho: Hispanic Enlightenment 30.1 (Spring 2007): 141-48.

Restrepo, Luis F. Ana Maria Ferreira and Juan Guillermo Sanchez. *Poeticas y politicas de la America indigena*" Introduction to the special issue of Cuadernos de Literatura 11:22 (enero-junio 2007)

Restrepo, Luis S. Review of Ana Maria Lorandi, *Spanish King of the Incas*. Bulletin of Spanish Studies 84 (2007): 1070-1.

Restrepo, Luis F. Co-author with Carlos Jauregui. "Teaching the Apologia" Approaches to Teaching the Writings of Bartolome de las Casas. Modern Language Association. Spring 2008

Rozier, Louise. "The Theme of Childhood in Paola Masino's Periferia." Italica. 84. 2-3 Summer and Autumn 2007: 399-409.

Ruiz, Reina. "Memoria y final del juego en Una noche cualquiera de Susana Torres Molina". Latin American Theatre Review. 41.1 (2007): 53-66.

Tanaka, Nozomi. "Reactive Approach to CAUSE and REASON and SEQUENTIAL usage of Connective-te." Jinbun Kagaku Kenkyu [Ochanomizu University Bulletin] 2007, 3: 83-97.

Tanaka, Nozomi. With Sage, K. "How authentic is the NCT listening section for the EFL environment in Japan? Proposals based on the TOEFL listening section." Ningen Bunka Ronso [Ochanomizu University Bulletin] 2007, 9: 113-129.

Villalobos, Sergio. "La oreja de los nombres. Tristeza y emancipación en el pensamiento contemporáneo." Revista Universidad Metropolitana de Ciencias de la Educación. Santiago, 2008.

### **UNREFEREED PUBLICATIONS:**

Billings, Sabrina. "Critical pedagogy." *EBSCONotes Education* (online encyclopedia for research in education). 2007

Billings, Sabrina. "Culturally responsive teaching." *EBSCONotes Education* (online encyclopedia for research in education). 2007

Billings, Sabrina. "ESL and sociolinguistics." *EBSCONotes Education* (online encyclopedia for research in education). 2007

Hoyer, Jennifer. "Sternverdunkelung by Nelly Sachs." (Literary Encyclopedia online: <http://www.litencyc.com/> January 2008).

### **INVITED LECTURES:**

Condray, Kathleen. "Afro-German History and Culture: A Multimedia Presentation." Honors Open House for Prospective Students and Parents, September 2007.

Fredrick, David. "Queer Poem/Queer Walls." Hendrix College. March 2008

Fredrick, David. "Queer as Folk in the Roman House," Minnesota State-Moorhead. April 2008.

Fukushima, Tatsuya. Simulation JFL: Business Writing. *Simulation & Gaming: An Interdisciplinary Journal of Theory, Practice and Research*, 38(1), 48-66. (international academic journal). March 2007.

Haydar, Adnan. "Khalil Hawi's Place in Modern Arabic Poetry," Key Note address and paper on the late poet Khalil Hawi in June, 2007, delivered at the "Hawi Konferenz," an international conference to be held at the American University of Beirut in Beirut, Lebanon. June 2007.

Hoyer, Jennifer. "Die schmeichelnde Hand des Künstlers," German Summer School, Taos, New Mexico. July 2007.

Hoyer, Jennifer. "From Epitaph to Gravescript," University of California Faculty Colloquium, Riverside, California. March 2007.



Hoyer, Jennifer. "Retribution, Reconciliation, and Justice: A 'Michael Kohlhaas' in the Post-Holocaust World." German Studies Association National Annual Meeting, San Diego, California. October 2007.

Jones, Linda. "How do Learners of French Comprehend Written, Aural, and Aural/Visual Texts?" at the Department of Foreign Languages Brown Bag Luncheon, November 2007. Co-presented with Dr. James Davis.

Levine, Daniel. "The Shod and the Unshod in Ancient Greece." American School of Classical Studies at Athens, Greece. May 2008.

Pappas, Alexandra. "Picture This! Words as Art in the Ancient Greek World." Eta Sigma Phi, University of Arkansas. October, 2007.

Pappas, Alexandra. "Political Crimes? Verbal and Visual Literacy on the Classical Athenian Stage." Keynote Speaker, Graduate Colloquium, Crimes and Punishments, University of Wisconsin, Madison. April 2008.

Restrepo, Luis F. "Memory and Justice: Muisca Communities in Present Day Colombia" Native American Studies Across Time. Johannes Gutenberg University, Mainz, Germany. July 2007. Invited lecture.

Restrepo, Luis F. "Zoologicos y heterotopias criollas." Politecnico Grancolombiano, Bogota. Invited videoconference, Oct. 29, 2007.

Villalobos, Sergio. "The Fragmentary Demand: Neo-Avant-garde and Nihilism in the Chilean Debate on Visual Arts." Latin American Literatures and Cultures Colloquium, Department of Spanish and Portuguese, University of Ohio, Columbus Ohio, November 2007.

Villalobos, Sergio. "Latin American Music: Transculturation and Santeria." Black Month Activities, University of Arkansas, Fayetteville. February 2007.

### **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

Billings, Sabrina. "Faking it: Multilingualism and Linguistic Showmanship among Urban Tanzanian Youth." Fifth International Conference on Youth Language, in Copenhagen, Denmark. March 2008.

Christiansen, Hope. "Plotting Suicide in George Sand's *Indiana* and Marie d'Agoult's *Nélida*." 2008 at the Kentucky Foreign Language Conference.

Comfort, Kathleen. "Bad Blood: Coming to Terms with Seropositivity in Vincent Ravalec's *Hépatite C*," delivered February 2008 at the Louisville Conference on Literature and Culture Since 1900.

Comfort, Kathleen. "The Heart of the Resistance: Lucie Aubrac's *Ils partiront dans l'ivresse*," delivered April 2008 at the Kentucky Foreign Language Conference in Lexington, KY.

Condray, Kathleen, "Sustaining the Momentum: Short Term Goals and Initiatives in Articulation." American Council on the Teaching of Foreign Languages, Nashville, Tennessee. November 2007.

Davis, James. With Carl S. Blyth. "Using Formative Evaluation to Distinguish Learner Wants from Learner Needs," Computer Assisted Language Instruction Consortium Meeting. May 2008.

Davis, James. With Linda C. Jones. "Written, Aural and Visual Processing Strategies in a Multimedia Environment," Computer Assisted Language Instruction Consortium Meeting. May 2008.

Eichmann, Raymond. "The 'Priestess' in the French *Fabliaux*," April, 2008 at the Medieval and Renaissance Forum at Plymouth State University, Plymouth, NH.

Fukushima, Tatsuya. "Transition into the Main Theme at the Middle: A Critical Feature in *ki-shoo-ten-ketsu*." Paper for the 2008 Annual Conference for the International Association of Asian Studies (Baton Rouge, LA; February 11-16, 2008). (national academic conference) February 2008.

Hoyer, Jennifer. "Texts in the Sky, The Sea, and the Sand: Poetics and Ethics of the in-between," American Comparative Literature Association, Long Beach, California. April 2008.

Jones, Linda. With James Davis. "Written, Aural and Visual Processing Strategies in a Multimedia Environment," Computer Assisted Language Instruction Consortium Meeting. May 2008.

Pappas, Alexandra. "What's in a Name? The Inscriptions on the Siphnian Treasury at Delphi." CAMWS. Tucson, AZ. April 2008.

Pritchett, Kay. "Julia Uceda: Phantoms in Exile": Accepted by the Kentucky Foreign Languages Conference. April 2008.

Restrepo, Luis F. "A dos palmas del suelo: Los estudios neogranadinos desde un plano ético político" Colonial Latin American Studies Organization III International Interdisciplinary Symposium. Quito, June 4-6. Refereed Presentation.

Restrepo, Luis F. "La Fauna Cundinamarquense de Jorge Tadeo Lozano" Latin American Studies Association International Congress. Montreal, Canada. September 2007. Refereed Presentation.

Restrepo, Luis F. "Indigenous intellectuals and the limits of testimonio literature: Bericha and the U'wa struggle in Colombia" Kansas University, Lawrence March 27, 2008

Rozier, Louise. "Writing Women's Lives through the Prism of Satire and Fantasy: Narrative Strategies in Paola Masino's Fiction." AATI. Washington.D.C. October 2007.

Reina, Ruiz. "Historia, mito y realidad: la representación de lo trágico en el teatro de Rojas Zorrilla." Teatro clásico español: Hacia la Tragedia. Chicago, November 2007.

Tucker, Janet. "Dostoevsky's Crime and Punishment: Intertextuality in the Epilogue." 13<sup>th</sup> Symposium of the International Dostoevsky Society, Budapest, Hungary. July 2007.

Tucker, Janet. "Ivan's Dramatized Childhood in The Brothers Karamazov." American Association for the Advancement of Slavic Studies, New Orleans, LA. November 2007.

Villalobos, Sergio. "Activismo mapuche y post-dictadura chilena: el potencial afectivo del conflicto." Cuadernos de Literatura, Pontificia Universidad Javeriana, Facultad de Ciencias Sociales 11, 22. Colombia, 2007.

Villalobos, Sergio, "Transvaloración y nihilismo. El debate en torno a la mercantilización del aura en las artes visuales chilenas." Latin American Studies Association Conference, Montreal. September 2007.

Villalobos, Sergio. "Adversus Populism" Latin American Studies Association Conference, Montreal. September 2007.

Villalobos, Sergio. The prologue to the book "El puño fragmentado: la subjetividad militante y la izquierda del Chile post-dictatorial". by Freddy Urbano, Santiago, Editorial Escaparate, julio 2008.

### **OTHER CREATIVE ENDEAVORS:**

Christiansen, Hope. Opening remarks at one of the films shown as part of the Tournées French Film Festival, "Le Petit Lieutenant" (presented to an audience of approximately 50 people September 2007).

Comfort, Kathleen. Presented the film “Delwinde, lève-toi et marche,” the final screening in the Tournée French Film Festival (presented to an audience of approximately 70 people. October 2007).

Fredrick, David. Interactive 3D database, developed from Pompei: pitture e mosaici, to allow comprehensive searches of styles and themes in Pompeian wall painting, and 3D visualization of decorative ensembles.

### **BOOK REVIEWS:**

Christiansen, Hope. Catherine M. Peebles, *The Psyche of Feminism: Sand, Colette, Sarraute* (Purdue UP, 2004); in *Nineteenth-Century French Studies* (Summer 2007)

Christiansen, Hope. Kay, Sarah, Terence Cave, and Malcolm Bowie. *A Short History of French Literature* (Oxford UP, 2003); *French Review* Spring 2008. 81.5: 990-91.

Christiansen, Hope. David S. Barnes, *The Great Stink of Paris and the Nineteenth-Century Struggle Against Filth and Germs* (Johns Hopkins UP, 2006); *French Review* Spring 2008.

Comfort, Kathleen. Review of Harris, Trevor. *Maupassant: Quinze Contes*. London: Grant and Cutler, 2005. *The French Review* 81.2 (December 2007): 380-81.

Comfort, Kathleen. Review of Goulet, Andrea. *Optiques: The Science of the Eye and the Birth of Modern French Fiction*. Philadelphia: U of PA P: 2006. *The French Review*.

Comfort, Kathleen. Review of Van Zuylen, Marina. *Monomania: The Flight From Everyday Life in Literature and Art*. Ithaca: Cornell UP, 2005. *The French Review*.

Condray, Kathleen. Review of Erin McGlothlin. *Second-Generation Holocaust Literature: Legacies of Survival and Perpetration*. Rochester, NY: Camden House, 2006. *German Studies Review* XXX, vol. 3 (October 2007): 668-69.

Levine, Daniel. *Free Speech and Democracy in Ancient Athens*, by Arlene W. Saxonhouse (Cambridge: Cambridge University Press, 2006) Pp. x + 235. *Classical Bulletin* 84.1. 2008.

### **EDITING:**

Christiansen, Hope. Review Editor, *Literary History & Criticism*, [French Review](#).

### **THEATER PRODUCTIONS:**

Ruiz, Reina. Directed *Los empeños de una casa / The House of Trials* by Sor Juana Inés de la Cruz. Arkansas Union Theater, April 13-14, 2008. Around 250 people attended the event.

## **TRANSLATIONS:**

Haydar, Adnan. With Paula Haydar. Learning English. (Northampton, MA: Interlink Publishing Group), 2007, 161 page novel, translation of Rashid Al-Daif's Lirningh Inghlish.

Haydar, Adnan. With Michael Beard. Zoghaib, Henri. "Hamimiyyat, Intimate Poems, Selections From the Collection." BANIPAL Magazine of Modern Arab Literature 28 (Spring 2007): 87.

Haydar, Adnan. Adonis. "Two Poems by Adonis." With Michael Beard. The New Yorker (May, 2008):109.

Haydar, Paula. The End of Spring (Northampton, MA: Interlink Publishing Group), 290 page novel, translation of Sahar Khalifeh's Rabi' Haar, Spring, 2008.

Haydar, Paula. With Adnan Haydar. Learning English. (Northampton, MA: Interlink Publishing Group), 2007, 161 page novel, translation of Rashid Al-Daif's Lirningh Inghlish.

Restrepo, Luis F. Translated Kirstin Erickson article "Enchanted Landscapes" for special issue on indigenous literatures for journal Cuadernos de Literatura, U Javeriana. 11.22 (2007)

Rozier, Louise. "Blood Wedding" from Paola Masino. Absinthe: The New European Writing. Spring 2008.

Tucker, Janet. "Lyrical Tales and Poems of Jewish Life, by Saul Tchernikovsky. Translated from the Russian versions of Vladislav Khodasevich by Martin Bidney." Slavic and East European Journal 51.3 (fall 2007): 627-628.

Tucker, Janet. "Between Dawn and the Wind, by Anna Frajlich. Translated by Regina Grol." Sarmatian Review, XXVII.3 (September 2007): 1337-1338.

Villalobos, Sergio. Translation of Gareth Williams, El otro lado de lo popular. Neoliberalismo y subalternidad en América Latina. The Other Side of the Popular Neoliberalism and Subalternity in Latin America: Ediciones Metales Pesados, Colección Crítica de la Cultura. 2008.

Villalobos, Sergio. William V. Spanos, El fin de la educación: la ocasión del post-humanismo. The End of Education: Toward Post-Humanism. 2008.

## Geosciences

### REFEREED PUBLICATIONS:

Aquino, L.D., **J.A. Tullis**, F.M. Stephen, 2008, Modeling Red Oak Borer (*Enaphalodes rufulus* Haldeman) Damage Using In Situ and Ancillary Landscape Data, *Forest Ecology and Management* 255:931-939.

Benson, L.V., M.S. Berry, E.A. Jolie, J.D. Spangler, **D.W. Stahle**, E.M. Hattori, 2007, Possible impacts of early 11th-, middle 12th, and late 13-century droughts on western Native Americans and the Mississippian Cahokians, *Quaternary Science Reviews* 26:336-350.

Bigler, Ch., L. vonGunten, A. Lotter, **S. Hausmann**, A. Blass, Ch. Ohlendorf, M. Sturm, 2007, Quantifying Human-Induced Eutrophication in Swiss Mountain Lakes Since AD 1800 using Diatoms, *The Holocene*, 17 (8), 1141-1154.

**Boss, S.K.**, 2008, Global warming, seal-level change, and coastal calamities: The future is here: *Basins and Coasts News*, v. 2, p. 2-5.

Casana, J. and **J. Cothren**, Stereo analysis, DEM extraction, and orthorectification of CORONA satellite imagery: *Archaeological applications from the Near East, Antiquity*, (expected publication in mid-2008).

**Cothren, J.**, B. Smith, K. Damphousse, P. Roberts, 2007, Geospatial and Temporal Patterns of Preparatory Conduct Among American Terrorists, *International Journal of Comparative and Applied Criminal Justice* (publication in early 2008).

**Cothren, J.**, D. Frederick, **W.F. Limp**, T. deNoble, A. Barnes, C. Goodmaster, C. Stevens, Visualizing the Roman City: Viewing the past through multidisciplinary eyes, *Proceedings of the 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past, Budapest, 2-6 April 2008*.

**Cothren, J.** C. Goodmaster, A. Barnes, E. Ernenwein, A. Vranich, **W.F. Limp**, A. Payne, Fusion of 3-dimensional data at Tiwanaku: An approach to spatial data integration, *Proceedings of the 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past, Budapest, 2-6 April 2008*.

Darmody, R.G., C.E. Thorn, **J.C. Dixon**, 2007, Pyrite enhanced chemical weathering in Karkevagge, Swedish Lapland, *GSA Bulletin*, 119, 1477-1485.

DeMets, C., **G. Mattioli**, **P. Jansma**, R. Rogers, C. Tnorios, and H.L. Turner, 2007, Present motion and deformation of the Caribbean plate: Constraints from new GPS geodetic measurements, *Geol. Soc. Amer. Spec. Paper*, 428, 21-36, doi: 10.1130/2007.2428(02).

Diaz, H.F., **D.W. Stahle**, 2007, Climate and cultural history in the Americas: An overview, *Climate Change* 83:1-8.

Gillip, J.A., **P.D. Hays**, J.M. Galloway, 2008, The effects of land-use change on Ozark cave systems: A paired-cave study of Civil War and Copperhead Caves, USGS Scientific Investigations Report, 2008-5023, 142 p.

**Graff, Tom**, 2007, Review of “Wal-Mart World: The World’s Biggest Corporation in the Global Economy,” *The Professional Geographer*, Vol. 59, no.4: 547-8.

Im, J., J.R. Jensen, **J.A. Tullis**, 2008, Object-based Change Detection Using Correlation Image Analysis and Image Segmentation Techniques, *International Journal of Remote Sensing* 29(2):399-423.

Laperriere, L. M.A. Fallu, **S. Hausmann**, R. Pienitz, D. Muir, 2007, Paleolimnological evidence of mining and demographic impacts on Lac Dauriat, Schefferville (subarctic Quebec, Canada), *Journal of Paleolimnology*, DOI 10.1007/s10933-007-9162-6.

Leh, M.D., S.G. Bajwa, I. Chaubey, **J. Cothren**, 2008, A remote sensing based methodology of delineating stream channel morphology, ASABE Paper No. 08-3734, 2008 Annual International Conference of the ASABE, Providence, Rhode Island.

**Limp, F.**, 2007, “Geographic Information Systems” chapter in *An Introduction to Archaeological Computing* by Harrison Eitlejorg. Center for the Study of Archaeology and Architecture. Bryn Mawr, PA.

**Mattioli, G.S.**, A.T. Linde, I.S. Sacks, P. Watts, C. Widiwijayanti, S.R. Young, B. Voight, D. Hidayat, D. Elsworth, P.E. Malin, E. Shalev, E. VanBoskirk, W. Johnston, R.S.J. Sparks, J. Neuberg, V. Bass, P. Dunkley, R. Herd, T. syers, P. Williams, D. Williams, 2007, Unique and remarkable straimeter measurements of pyroclastic flow-generated tsunami, *Geology* 35 (1) 25-28, DOI: 10.1130/G22931A.1.

MacDonald, G.M., **D.W. Stahle**, J. Villanueva Diaz, and co-authors, 2008, Climate warming and 21st-century drought in southwestern North America, *Eos* 89(9), 26 February, 2008.

Mock, C.J., J. Mojzisek, M. McWaters, M. Chenoweth, **D.W. Stahle**, 2007, The winter of 1827-1828 over eastern North America: a season of extraordinary climatic anomalies, societal impacts, and false spring, *Climatic Change* 83:87-115.

**Paradise, T.R.**, 2007, Earthquakes, Islam and risk perception in Agadir, Morocco.” Studies in Disasters & Gener, Northumbria University: 29pp  
([www.gdnonline.org/resources/agadirriskperception.doc](http://www.gdnonline.org/resources/agadirriskperception.doc)).

Raber, G.T., J.R. Jensen, M.E. Hodgson, **J.A. Tullis**, B.A. Davis, J. Berglund, 2007, Impact of Lidar Nominal Post-spacing on DEM Accuracy and Flood Zone Delineation, Photogrammetric Engineering and Remote Sensing, 73(7):793-804.

Raber, G.T., **J.A. Tullis**, 2007, Rapid Assessment of Storm-Surge Inundation after Hurricane Katrina Utilizing a Modified Distance Interpolation Approach, GIScience and Remote Sensing, 44(3):220-236.

Reddy, V.J. McFarlane, **J. Cothren**, C. Thompson, 2007, Extending a Natural Language Interface with Geospatial Queries, IEEE Internet Computing, Vol 1098-7801, Issue 107, Pp. 84-87.

Richter, F.M., E. B. Watson, R. Mendybaev, **F.-Z. Teng**, P. Janney, 2008, Magnesium isotope fractionation in silicate melts by chemical and thermal diffusion, Geochimica et Cosmochimica Acta, 72, 206-220.

Sharif, M.U., **R.K. Davis**, **K.F. Steele**, B. Kim, T.M. Kresse, **P.D. Hays**, and J.A. Fazio, Distribution and Variability of Redox Zones as Control of Spatial Variability of Arsenic in the Mississippi River Valley Alluvial Aquifer, Southeastern Arkansas, USA, Journal of Contaminant Hydrology, Expected publication summer 2008.

Sharif, M.U., **R.K. Davis**, **K.F. Steele**, B. Kim, **P.D. Hays**, T.M. Kresse, and J.A. Fazio, 2008, Inverse geochemical modeling of groundwater evolution with emphasis on arsenic in the Mississippi River Valley alluvial aquifer, Arkansas (USA), Journal of Hydrology, v. 350, Issue 1-2, pp. 41-55.

Smith, A.L., M.J. Roobol, J.H. Schellekens, **G.S. Mattioli**, 2007, Pre-historic stratigraphy of the Soufriere Hills-South Soufriere Hills volcanic complex, Montserrat, West Indies, Journal of Geology 115, 115-127.

**Stahle, D.W.**, **M.K. Cleaveland**, **F.K. Fye**, M.D. Therrell, R.D. Griffin, H.D. Grissino-Mayer, D.J. Burnette, 2008, Cool and warm season precipitation reconstructions over western New Mexico, Journal of Climate.

**Stahle, D.W.**, **F.K. Fye**, E.R. Cook, R.D. Griffin, 2007, Tree-ring reconstructed megadroughts over North America since AD 1300, Climatic Change 83:133-149.



**Teng, F.-Z.**, W.F. McDonough, R.L. Rudnick, B.A. Wing, 2007, Limited lithium isotopic fractionation during progressive metamorphic dehydration in metapelites: A case study from the Onawa contact aureole, Maine. *Chem. Geol.*, 239, 1-12.

**Teng, F.-Z.**, M. Wadhwa, R.T. Helz, 2007, Investigation of magnesium isotope fractionation during basalt differentiation: Implications for a chondritic composition of the terrestrial mantle, *Earth and Planetary Science Letters*, 261 (1-2), 84-92.

**Teng, F.-Z.**, N. Dauphas, R. T. Helz, 2008, Iron isotope fractionation during magmatic differentiation in Kilauea Iki lava lake. *Science*, v. 320, 1620-1622.

Tennyson, R., J. Terry, **V. Brahana, P.D. Hays**, E. Pollock, 2008, Tectonic control of hypogene Speleogenesis in the southern Ozarks—implications for NAWQA and beyond, USGS Scientific Investigations Report 2008-5023, 142 p.

Thorn, C.E., R.G. Darmody, S.W. Campbell, S.W. Allen, C.E. Allen, **J.C. Dixon**, 2007, Microvariability in the early stages of cobble weathering by environment on a glacier foreland, Storbreen, Jotunheimen, Norway, *Earth Surface Processes and Landforms*, 32, 2199-2211.

Tiong-Ee Ting, Gregory J. Thoma, Robert B. Beitle Jr., **Ralph K. Davis**, Rugkiat Perkins. Khursheed Karim and Hui-Min Liu, 2008, A Simple Substrate Feeding Strategy using a pH Control Trigger in Fed-Batch Fermentation, *Applied Biochemistry and Biotechnology*, 149:89-98.

**Tullis, J, J. Cothren**, D. Irwin, C.P. Yeager, **W.F. Limp**, J.M. Wilson, B.E. Gorham, S. Ogle, 2007 Yearly Extraction of Central America's Land Cover for Carbon Flux Monitoring, *GIScience & Remote Sensing*, 2007, 44, No. 4, p. 334-355.

Turner, H.L., P. LaFemina, A. Saballos, **G.S. Mattioli, P.E. Jansma**, T. Dixon, 2007, Kinematics of the Nicaraguan forearc from GPS geodesy, *Geophy. Research Lett.* 34, L02302, doi:10.1029/2006GL027586.

Villanueva-Diaz, J., **D.W. Stahle**, B.H. Luckman, J. Cerano-Paredes, M.D. Therrell, **M.K. Cleaveland**, E. Cornejo-Oviedo, 2007, Winter-spring precipitation reconstructions from tree rings for northeast Mexico, *Climatic Change* 83:117-131.

Villanueva-Diaz, J., **D.W. Stahle**, B.H. Luckman, J. Cerano-Paredes, M.D. Therrell, R. Moran Martinez, **M.K. Cleaveland**, 2007, Potencial dendrocronologico de *Taxodium mucronatum* Ten. Y acciones para su conservacion en Mexico, *Ciencia Forestal en Mexico* 32(101):9-38.

## **Non-Refereed Publications**

**Boss, S.K.**, 2008, Report on the First Decade of the Environmental Dynamics Program: prepared for University of Arkansas Office of Assessment and Evaluation, 471 pp.

Coleman, K., **J.C. Dixon**, D. Sears, L. Row, L. Billingsley, 2007, An experimental approach to the understanding of the origin of gullies on Mars. Second International workshop: Exploring Mars and its Earth Analogs. Programme with Abstracts, Trento, Italy.

**Dixon, J.C.**, 2007, Geomorphology of the Brown Bluff rock shelter, In: Greundling, R. (ed.) Test excavations at Brown Bluff (2WA10) Washington County, Arkansas Archeological Survey Report.

**Dixon, J.C.**, R.G. Darmody, C.E. Thorn, 2007, Long-term investigations of the chemical component of a sediment budget in an Arctic/alpine environment: Karkevagge, Swedish Lapland, In: Beylich, A. (ed.) Second Workshop of IAG/AIG SEDIBUD—Sediment Budgets in Cold Environments: Sediment Fluxes and Sediment Budgets in Changing High Latitude and High Altitude Cold Climates, Geological Survey of Norway Report 2007.052, pp. 31-32.

**Hausmann, S.**, Review of “Pollution of Lakes and Rivers—A Paleoenvironmental Perspective” by John Smol, in *Limnology and Oceanography Bulletin*, Volume 17(2) June 2008, 65.

**Limp, W.F.**, 2007, Imagery 2.0: The Future of the Earth Imaging Community, *Earth Imaging Journal* 4(7): 24-27.

**Limp, F.W.**, 2007, LiDAR advances, new analysis tools, *Earth Imaging Journal* 4(1): 18-24.

**Limp, F.W.**, 2007, Review of EVS fro ArcView, EVS Standard, EVS Pro and MVS, *GeoWorld*, June, p. 44.

**Limp, F.W.**, 2007, Review of Map2PDF Bundle, *GeoWorld*, October, p. 40.

**Tullis, J.A.**, B.E. Gorham, 2008, Aarkansas View Semiannual Report (July-December 2007), AmericaView Progress Report, USGS: EROS Data Center, SD, 13 pages.

## **PRESENTATIONS AND ABSTRACTS:**

Asante, K. and **J. Cothren**, Using the TerraHawk Imaging System as a Photogrammetric Mapping Tool, University of Arkansas GIS Day, November 2007, (invited).

Barnes, A. and **J. Cothren**, Using Modern Photogrammetric Methods to Analyze an Ancient Landscape, Technology and Archaeology Symposium, December 7, 2007, Dumbarton Oaks, Washington DC, (invited).

Barnes, A. **J. Cothren**, D. Fredrick, **F.W. Limp**, T. deNoble, C. Goodmaster, C. Stevens, Visualizing the Roman City: Viewing the past through multidisciplinary eyes, 36th Annual International Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past, Budapest, 2-6 April 2008.

Barnes, A., **J. Cothren**, C. Goodmaster, E. Ernenwein, A. Vranich, **W.F. Limp**, A. Payne, Fusion of 3-dimensional data at Tiwanaku: An approach to spatial data integration, 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past, Budapest, 2-6 April 2008.

Bhattacharya, R., **S. Hausmann**, Projected Flood Reconstruction of the White River, AR, Annual Research and Watershed Conference, Fayetteville, April 2008.

Bhattacharya, R., **S. Hausmann**, A. Cohen, Planned Reconstruction of Paleofloods in the Congaree River using Diatoms, 4th International Limnogeology Congress (ILIC2007), July 2007.

Bolyard, S.E., **P.D. Hays**, T. Kresse, 2008, Strontium and carbon isotope geochemistry of water from thermal springs and cold-water sources in the Hot Springs recharge area, Hot Springs, Arkansas, GSA, South-Central Section-42nd Annual Meeting, no.2-5.

**Boss, S.K.**, 2008a, Impact of student attendance on student learning in an introductory geology course: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

**Boss, S.K.**, 2008b, A. Conrad Neumann and results of the Po' Boy Drilling Project, 1990-1994: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

**Boss, S.K.**, 2008c, Using Windows Movie Maker to illustrate Earth system processes in an introductory Earth System Science course: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

**Boss, S.K.** and J. Blackstock, 2008, Enigmatic trace fossils and depositional setting of the Clifty formation (Devonian), northwest Arkansas: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

**Brahana, J.V.**, 2007, Medical geology, anomalous health distributions, and geologic control of transport mechanisms—A case study of arsenic in Northwest Arkansas: GSA Abstracts with Programs, v. 39, no. 6.

**Brahana, J.V.**, 2008a, The hydrogeology of thermal springs—Tectonic settings, origins, and necessary tools to document our understanding, GSA Abstracts with Programs, V. 40, no. 3.

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**Brahana, J.V.**, R. Tennyson, J. Terry, **P.D. Hays**, E. Pollock, 2008, Reactivated basement faulting as a hydrogeologic control of hypogene Speleogenesis in the southern Ozarks of Arkansas, GSA Abstracts with Programs, v. 40, no.3.

Breaker, B. E. Pollock, B. Haggard, **P.D. Hays**, 2008, Oxygen isotope ratios as a tracer for sources and cycling of phosphorus in the Illinois River in Arkansas and Oklahoma, Arkansas Water Resources Center Annual Meeting.

Clary, Renee M., **S.K. Boss** and J.W. Wandersee, 2008, Teacher perceptions of an introduction to virtual field exercises in an online geology classroom: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

**Cothren, J.**, A. Barnes, C. Goodmaster, A. Branich, E. Ernenwien, F. Limp, Ancient Sites in 21st Century Environments: Fusion of Three-dimensional, Multiscale Data, Technology and Archaeology Symposium, December 7, 2007, Dumbarton Oaks, Washington DC, (invited).

**Cothren, J.**, W. Johnson, E. Ernenwein, **F. Limp**, M. Hargrove, 2007, Integrated Multi-sensor Characterization of Archaeological Sites using ArchaeoMapper, Poster presented at SERDP-ESTCP National Conference, Washington DC, December 2007 (refereed).

Dautermann, T., E. Calais, **G.S. Mattioli**, P. Lognonne, 2007, GPS detection and modeling of ionospheric waves following the 2003 explosion of the Soufriere Hills Volcano, Montserrat, Eos Trans. AGU (88) 23, Jt. Assem. Suppl., G43B-10.

Dautermann, T., E. Calais, **G.S. Mattioli**, 2007, GPS detection, modeling and energy estimation of the ionospheric wave following the 2003 explosion of the Soufriere Hills volcano, Montserrat, Eos Trans, AGU, 88 (52), Fall Meet. Suppl., Abstract V23E-08.

**Davidson, Fiona M.**, Red and Green: The Diverging Politics of Scottish Cities, Association of American Geographers Annual Conference, April 14-19, 2007, San Francisco, CA

**Dixon, J.C.**, Long-term investigations of the chemical component a sediment budget in an Arctic/alpine environment: Karkevagge, Swedish Lapland, Second workshop of the International Association of Geomorphologists Working Group on Sediment Budgets in Cold Environments, Abiski, Sweden, September 15-19, 2007.

**Dixon, J.C.**, An experimental approach to the understanding of the origin of gullies on Mars, poster, Second International Workshop on Exploring Mars and its Analogs, Trento, Italy, June 19-26, 2007.

Fauria, K, R.H. Styron, S. James, H.L. Turner III, A. Ashlock, C.L. Cavness, X. Collier, R. Feinstein, R. Murphy, L. Staisch, B. Williams, C. DeMets, **G.S. Mattioli, P.E. Jansma, J. Cothren**, 2007, A revised Caribbean plate motion model: GPS geodetic results from the Dominica NSF-REU site, Eos Trans. AGU 88(52), Fall Meet. Suppl., Abstract G21C-0657, Annual Meeting, San Francisco, December 2007.

Feller, Valerie M, **Margaret J. Guccione**, 2008, Possible Evolution of the White River in response to a Mississippi River Avulsion, GSA Abstracts with Programs, v. 40.

**Graff, Tom**, 2007, Environmental Impacts of Recreational-Retirement Communities: An Example from Southwest Florida, Association of American Geographers National Meeting in San Francisco.

Graham, S., H.L. Turner, **G.S. Mattioli, P.E. Jansma**, R.H. Styron, M.J. Burch, B.B. Carr, K. Fitzgerald, C. Mansfield, 2007, GPS geodetic constraints on the November 21, 2004 Mw 6.3 earthquake off the northwest coast of Dominica: implications for in situ volatile solubilities and eruption dynamics, Eos Trans. AGU (88) 23, Jt. Assem. Suppl., G43B-12.

**Guccione, M.J.**, D. Rains, 2007, The Potential for Buried Archeological Sites in the Mississippi Alluvial Valley, GSA Abstracts with Programs, v. 389.

**Hausmann, S.**, R. Pienitz, G. St.Onge, Summer Lake Circulation Influenced by Solar Activity, 4th International Limnogeology Congress, Barcelona, July 2007.

**Hausmann, S.**, R. Pienitz, V. Alonen, G. St.Onge, I Larocque, M. Lavoie, W.F. Vincent, R. Neiderreiter, Pingualuit a terrestrial impact Crater Lake in the Canadian Arctic (ILIC, group poster), 4th International Limnogeology Congress, Barcelona, July 2007.

**Hausmann, S.**, Seasonal Limnological Changes of Beaver Reservoir, Annual Research and Watershed Conference, Fayetteville, April 2008.

**Hausmann, S., F. Fye**, R. Pienitz, G. St.Onge, Inferred Climatological Summer Wind Regimes for the Past 9500 Years as Recorded by Diatoms in a Lake in Quebec, Canada, AGU, Fort Lauderdale, May 2008.

Hausmann, S., F. Fye, R. Pienitz, F. St.Onge, Inferred Climatological Summer Wind Regimes for the Past 9500 Years as Recorded by Diatoms in a Lake in Quebec, Canada, AGU, AMQUA, College Station, June 2008.

**Hausmann, S.,** J. Black, R. Pienitz, G. St.Onge, H. Guyard, V.P. Salonen, R. Niederreiter, Pingualuit Impact Crater Lake Sediments (Nunavik, Canada): A Possible Arctic Terrestrial Record of Several Glacial/Interglacial Cycles, AMQUA, College Station, June 2008.

**Hays, P.D.,** T. Kresse, J.V. Brahana, S. Rudd, S.E. Bolyard, 2008, Influence of locally derived recharge on the water quality and temperature of springs in Hot Springs National Park, Arkansas, GSA, South-Central Section-42nd Annual Meeting, no. 2-6.

**Hays, P.D.,** T. Kresse, **J.V. Brahana,** S. Bolyard, 2008, Influence of locally derived recharge on the water quality and temperature of springs in Hot Springs National Park, Arkansas, GSA Abstracts with Programs, v. 40, no. 3.

Hollingsworth, E., **V. Brahana,** E. Inlander, M. Slay, 2008, Karst Regions of the World (KROW) - Populating Global Karst Datasets and Generating Maps to Advance the Protection of Karst Species and Habitats Worldwide, GSA Abstracts with Programs, v. 40, no. 3.

**Jansma, P.E., G.S. Mattioli,** 2008, Constraints on tectonic models of the northeastern Caribbean from over a decade of GPS geodetic measurements in the northeastern Caribbean, 18th Caribbean Geological Conference, Santo Domingo, March 2008 (invited).

Johnson, T. and **R.K. Davis,** 2007, Delineation of point and nonpoint sources within the Kings River and Longs Creek watersheds, Northwest Arkansas, Arkansas Water Resources Center Annual Conference, April 24-25, 2007, poster presentation, (CD).

Kim, B., **K.F. Steele, R.K. Davis,** M.U. Sharif, T. Kresse, and F. Fazio, 2007, TI: Arsenic Release Mechanism in an Intensively Irrigated Agricultural Region of the Alluvial Aquifer, Eastern Arkansas, USA, EOS Trans, American Geophysical Union, 88(52).

Kresse, T., **P.D. Hays,** S.E. Bolyard, 2008, Hydrogeology and geochemistry of the shallow ground water system in the recharge area of the geothermal springs in Hot Springs, Arkansas, GSA, South-Central-42nd Annual Meeting, no. 2-4.

Leh, M.D., S.G. Bajwa, I. Chaubey, **J. Cothren,** 2008, A remote sensing based methodology of delineating stream channel morphology. ASABE Paper No. 08-3734, 2008 Annual International Conference of the ASABE, Providence, Rhode Island.

**Limp, W.F.,** 2007, Plenary Emerging Technologies, Summit Washington DC, March 21.

**Limp, W.F.,** 2007, High density survey and laser scanning, Society for American Archaeology Workshop, national meetings, Austin, TX, April.

**Limp, W.F.**, 2007, Interoperability and net-centric architectures: lessons for archaeoinformatics from the Open Geospatial Consortium, Archaeoinformatics.org Virtual Lecture Series, October.

Lovick, A. and **J. Cothren**, Multi-source Data Fusion in support of GPS Campaigns on the Island of Dominica, University of Arkansas GIS Day, November 2007, (invited).

**Mattioli, G.S.**, B. Voight, R. Herd, G. Ryan, C. Widiwijayanti, 2008, Surface deformation of Soufriere Hills volcano, Montserrat from GPS: inferences about the deep magmatic system and its evolution from 1995 to 2007, IAVCEI General Assembly, Reykjavik 18-25 August, 2008 (invited).

**Mattioli, G.S., P.E. Jansma**, C.Y. Davis, J. Davis, R. Smalley, 2007, Experimental Investigation of Monument Stability in the New Madrid Seismic Zone, 77th Eastern Section Meeting (Memphis, TN). Seismological Society of America.

**Mattioli, G.S., P.E. Jansma**, J. Davis, R. Smalley, 2007, Experimental Investigation of Monument Stability in the New Madrid Seismic Zone, EarthScope Annual Meeting, Monterey, CA.

**Mattioli, G.S.**, et al., 2007, The CALIPSO Project on Soufriere Hills Volcano, Montserrat, BWI: Status and Scientific Results from 2003 to 2007 (invited), Cities on Volcanoes 5, Shimabara, Japan.

Patton, J.A. and **S.K. Boss**, 2008, Geochemical characterization of Beaver Reservoir sediments containing Drinking Water Treatment Residuals: Geological Society of America Annual Meeting Abstracts with Programs, v. 40.

Murphy, R., S. James, R.H. Styron, H.L. Turner, A. Ashlock, C.L. Cavness, X. Collier, K. Fauria, R. Feinstein, L. Staisch, B. Williams, **G.S. Mattioli, P.E. Jansma, J. Cothren**, 2007, Volcanic surface deformation in Dominica from GPS geodesy: Results from the 2007 NSF-REU site, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract V11C-0754.

Pennington, D., **J.V. Brahana**, 2008, Investigation of flow paths and mixing relationships in a shallow, mantled-karst aquifer using chemical analyses, geophysical well logs, and continuous monitoring of temperatures and water levels at the Savoy Experimental Watershed, GSA Abstracts with Programs, v. 40, no. 6.

Pienitz, R., **S. Hausmann**, M. Bouchard, I. Larocque, M. Lavoie, R. Niederreiter, V.P. Salonen, G. St-Onge, W. Vincent, Research at Pingualuit Crater Lake: "The Crystal Eye of Nunavik," 30th Congress of the International Association of Theoretical and Applied Limnology, SIL Montreal, August 2007.

Pienitz, R., **S. Hausmann**, G. St.Onge, G. Herve, V.P. Salonen, T. Luoto, P. Francus, I. Larocque, M. Lavoie, M. Lamothe, W. Vincent, R. Niederreiter, Research at Pingualuit Crater Lake, the “Crystal Eye of Nunavik,” 38th Arctic Workshop, Boulder, CO, Ma.

Pienitz, R., **S. Hausmann**, M. Bouchard, L. Cunningham, P. Francus, H. Guyard, I. Larocque, M. Lavoie, T. Luoto, R. Niederreiter, Research at Pingualuit Crater Lake, the “Crystal Eye of Nunavik,” Joint Meeting of the Geological Association of Canada, Mineralogical Association of Canada, Society of Economic Geologists and the Society for Geology Applied to Mineral Deposits, May 2008, Quebec.

Pontiff, J., **D. Zachry**, 2007, Subsurface expression of a braided fluvial to marine transition in middle Morrowan Pennsylvanian strata, Arkoma basin of northwestern Arkansas, Abstract No. 128793.

Rains, D., **M.J. Guccione**, 2007, The Marianna Crevasse Splay; a 20 ky Mississippi River Splay through the Marianna Gap of Crowley’s Ridge, Eastern Arkansas, GSA Abstracts with Programs, v. 39.

Richter, F.M., **F.-Z. Teng**, R.A. Mendybaev, A.M. Davis, R.B. Georg, Elemental and isotope fractionation of CAI-like liquids by evaporation in low pressure H<sub>2</sub>, LPSC, 2008.

Riggins, J.J., F.M. Stephen, **J.A. Tullis**, 2007, Seeing the Forest AND the Trees: High Resolution Remote Sensor Technology and a Destructive Forest Insect Pest, 50th Southern Forest Insect Work Conference, 23-26 July, 2007, Jekyll Island, Georgia (University of Georgia, Athens, GA).

Riggins, J.J., F.M. Stephen, **J.A. Tullis**, 2007, Estimation of Upland Oak Forest Biomass from LIDAR-derived Statistics, Proceedings of AmericaView 2007, 19-20 September 2007, Fayetteville, AR (AmericaView Program, USGS, Reston, VA).

Rudnick, R.L., W.F. McDonough, **F.-Z. Teng**, M.A. Marks, Fluid-rock interactions recorded by kinetic fractionation of Li isotopes, Seventeenth Annual V.M. Goldschmidt Conference 2007.

Salonen, V.P. , R. Pienitz, **S. Hausmann**, G. St.Onge, H. Guyard, T. Luoto, M.A. Bouchard, P. Francus, M. Lamothe, I. Larocque, M. Lavoie, W.F. Vincent, R. Niederreiter, Quaternary Strata from the Pingualuit Meteorite Crater, Nunavik, Quebec, Canada, Nordic Geological Winter Meeting, Aalborg, Denmark, January 2008.

Sharif, M.U., **R.K. Davis**, **K.F. Steele**, **P.D. Hays**, B. Kim, T.M. Kresse, and J.A. Fazio, 2007, Field-Scale application of surface complexation modeling using PHREEQC for predicting solid-phase arsenic occurrences in the sediments of the Mississippi River Valley alluvial aquifer, Arkansas, USA, GSA Abstracts with Programs, Vol, 39, No. 6, p. 598.



Sharif, M.U., **R.K. Davis, K.F. Steel**, B. Kim, T.M. Kresse, and J.A. Fazio, 2007, Distribution and variability of redox zones controlling spatial variability of arsenic in the Mississippi River Valley alluvial aquifer, southeastern Arkansas, Arkansas Water Resources Center Annual Conference, April 24-25, 2007, poster presentation, (CD).

Staisch, L., R.H. Styron, S. James, H.L. Turner, A. Ashlock, C.L. Cavness, X. Collier, K. Fauria, R. Feinstein, R. Murphy, B. Williams, **G.S. Mattioli, P.E. Jansma, J. Cothren**, 2007, Dislocation modeling and comparison with GPS data to assess possible elastic strain accumulation in the Central Lesser Antilles: New constraints from the NSF-REU site in Dominica between 2001 and 2007, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract G21C-0656.

St. Onge, G., H. Guyard, R. Pienitz, **S. Hausmann**, V. Salonen, T. Luoto, P. Francus, I. Larocque, M. Lavoie, M. Lamothe, W.F. Vincent, R. Niederreiter, Preliminary Chronostratigraphy of Pingualuit Impact Crater Lake Sediments (Nunavik, Canada): a Possible Arctic Terrestrial Record of Several Glacial/Interglacial Cycles, AGU, December 2007.

**Steele, Ken**, 2007, Reconnaissance Survey of the Hydrologic Distribution of Trace Elements in a Catchment Where Poultry Litter is Used as Fertilizer, NW Arkansas, Abstracts on International Conference on Karst Hydrology and Ecosystems, 2007, p. 29.

Styron, R.H., H.L. Turner, S.A. James, **G.S. Mattioli, P.E. Jansma**, 2007, Definition and kinematics of the Nicaraguan forearc and stable Caribbean from GPS geodesy, Eos Trans. AGU (88) 23, Jt. Assem. Suppl., G33A-03.

Styron, R.H., **G.S. Mattioli**, 2007, Rapid syn-eruptive ground deformation during July 2003 Soufriere Hills volcano eruption constrained by continuous kinematic GPS, Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract V24B-01.

**Teng, F.-Z.**, Lithium, magnesium and iron isotopic composition of the Moon, Lunar Science Conference, 2008.

**Teng, F.-A.**, High Temperature lithium isotope fractionation, Spring AGU, 2008.

**Teng, F.-Z.**, N. Dauphas, R.T. Helz, Redox-controlled iron isotope fractionation during basalt differentiation?, Fall AGU 2007.

**Teng, F.-Z.**, M. Wadhwa, R.T. Helz, F.M. Richter, The absence of magnesium isotope fractionation during basalt differentiation, Seventeenth Annual V.M. Goldschmidt Conference, 2007.

**Teng, F.-Z.**, High-temperature iron isotope fractionation, School of Earth and Planetary Sciences, University of Science and Technology of China, 6/08.

**Teng, F.-Z.**, High-temperature iron isotope fractionation, China University of Geosciences (Wuhan), 6/08.

**Teng, F.-Z.**, High-temperature iron isotope fractionation, Institute of Geology and Geophysics, Chinese Academy of Sciences, 6/08.

**Teng, F.-Z.**, High-temperature iron isotopic fractionation, China University of Geosciences (Beijing), 6/08.

**Teng, F.-Z.**, High-temperature lithium isotopic fractionation, Spring AGU, EOS transactions.

**Teng, F.-Z.**, High-temperature lithium isotopic fractionation, Department of Geology and Geophysics, LSU, 4/08.

**Tullis, J.A.**, B. Culpepper, J. Defibaugh, y Chavez, J.S. Jones, F.M. Stephen, J. Riggins, 2008, Forest LIDAR-derived Statistical Enhancement of Oak Hazar Models, ASPRS 2007 Annual Convention, 28 April-2May, 2008, Portland, Oregon (American Society for Photogrammetry and Remote Sensing, Bethesda, MD).

**Tullis, J.A.**, The Fourth R: Remote Sensing, presented to Arkansas and Oklahoma high school students in the 8th-10th grade Gifted and Talented Program, Fayetteville, AR (July 2007).

**Tullis, J.A.**, Forest LIDAR research highlights by Joe M. Smith, Society of American Foresters, Researchers Use Spatial Technology to Gain Insights into Insect's Role in Oak Decline, The Forestry Source (May 2007).

**Tullis, J.A.**, Buscando Referencias Cruzadas Entre Ecosistemas de America Latina (Search for Latin American Ecosystem Crosswalks), terrestrial ecosystem workshop, Inter-American Biodiversity Information Network (IABIN).

Turner, H.L., **G.S. Mattioli, P.E. Jansma, R.H. Styron**, 2007, Forearc sliver translation, a lack of arc-normal strain accumulation, and interpolate thrust earthquakes: GPS geodesy in western Nicaragua, Eos Trans. AGU (88) 23, Jt. Assem. Suppl., G33A-02.

Williams B., **G.S. Mattioli, P.E. Jansma, J. Cothren**, 2007, Volcanic surface deformation in Dominica from GPS geodesy: Results from the 2007 NSF-REU site, Eos Trans AGU, 88 (52), Fall Meet. Suppl., Abstract V11C-0754, Annual Meeting, San Francisco, December 2007.

Winston, B., **S. Hausmann, R.K. Davis**, R. Morgan, and W.R. Green, 2007, Taste and Odor in NW Arkansas Drinking Water, Poster Presentation SS09: Detection and Control of Cyanobacterial Blooms, 30th Congress of the International Association of theoretical and Applied Limnology, August 12-18, 2007, Montreal, Quebec, Canada.

Winston, B., **S. Hausmann, R.K. Davis**, B. Morgan, R. Green, Taste and Odor in NW Arkansas Drinking Water, 30th Congress of the International Association of Theoretical and Applied Limnology, SIL Montreal, August 2007.

Winston, B., **S. Hausmann, R.K. Davis**, Taste and Odor in NW Arkansas Drinking Water, Black Geoscientists, Phoenix, September 2007.

Voight, B. and 43 others inc. **G.S. Mattioli**, 2008, The SEA-CALIPSO volcano imaging experiment on Montserrat: Part 1. Onshore seismometer deployments, tomography, and images from onshore stations, IAVCEI General Assembly, Reykjavik 18-25 August, 2008.

## **History**

### **BOOKS:**

Benjamin Grob-Fitzgibbon, *Turning Points of the Irish Revolution: The British Government, Intelligence, and the Cost of Indifference, 1912-1921* (Palgrave Macmillan, 2007).

William Tucker, *Mahdis and Millenarians: Shi'ite Extremists in Early Muslim Iraq* (Cambridge: Cambridge University Press, 2008).

Randall Woods, *LBJ: Architect of American Ambition* (Harvard University Press, 2008), paperback edition.

### **CHAPTERS IN BOOKS:**

Lynda L. Coon, "Gender and Sexuality, 600-1100," in Thomas Noble and Julia Smith, eds., *Cambridge History of Christianity, Vol. 3, Early Medieval Christianity, c.600-1100* (Cambridge University Press, 2008).

Benjamin Grob-Fitzgibbon, "Is Terrorism Unique? A Tactical and Ideological Appraisal," in Melinda M. Hicks and Charles Belmont Keeney III, eds., *Defending the Homeland: Historical Perspectives on Radicalism, Terrorism, and State Responses* (Morgantown, WV: West Virginia University Press, 2007).

Charles Robinson, "What's Sex Got to Do With It? Antimiscegenation Law and Southern White Rhetoric," in *Manners and Southern History* (2007).

Tricia Starks, "Smoking, Gender, and Health: 1844-1929," in *Gendernoe ravnopravie v Rossii* (St. Petersburg, Russia: Aleteiia, 2008).

### **ARTICLES IN JOURNALS:**

Robert Finlay, "Weaving the Rainbow: Visions of Color in World History," *Journal of World History* 18:4 (2007): 383-431.

Beth Barton Schweiger, "Mark A. Noll's *Civil War As a Theological Crisis*," in Roundtable on Noll's *Civil War, Fides et Historia* 39 (Summer/Fall 2007): 29-34.

Daniel Sutherland, "James McNeill Whistler in Chile: Portrait of the Artist as Arms Dealer," *American Nineteenth-Century History*, 9 (March 2008): 61-73.

Elliott West, "Good News, Not So Good News, and Strange Combinations," *Western Historical Quarterly*, 38:3 (Autumn, 2007): 325-28.

Randall Woods, "Conflicted Hegemon: LBJ and the Dominican Republic," *Diplomatic History* (Summer 2008).

### **NON-REFEREED PUBLICATIONS:**

Andrea L. Arrington, encyclopedia entries for "Zimbabwe" and "Zambia" for the *Oxford Encyclopedia of the Modern World*, ed. Peter N. Stearns, 2008.

Alessandro Brogi, "L'Europa e la ridefinizione della sicurezza nazionale Americana dal 1945," in Luigi Ganapini, ed., *Europa, Italia e Stati Uniti dal 1945* (Rome: Guerini, 2007).

Alessandro Brogi, dictionary entry on "Anti-Americanism" for the *Dictionary of Communism* (Turin: Oxford University Press, 2007).

Benjamin Grob-Fitzgibbon, "Lessons for Iraq from Northern Ireland," *The Northwest Arkansas Times* (Fayetteville, AR), October 12, 2007, p.A4.

Benjamin Grob-Fitzgibbon, "The People's Princess? Unquestionably," *The Northwest Arkansas Times* (Fayetteville, AR), August 31, 2007, p.A4.

Benjamin Grob-Fitzgibbon, "Mr. Brown Goes to Washington," *The Northwest Arkansas Times* (Fayetteville, AR), August 3, 2007, p.A4.

Benjamin Grob-Fitzgibbon, "Gordon Brown: An American Ally?" *The Northwest Arkansas Times* (Fayetteville, AR), July 22, 2007.

Michael Pierce, "The Labor Movement," for the *Encyclopedia of Arkansas History and Culture* (Little Rock: Butler Center for Arkansas Studies, 2007).

Michael Pierce, "John McBride," for the *Encyclopedia of U.S. Labor and Working Class History*, ed. Eric Arnesen (New York: Routledge, 2007).

Patrick G. Williams, "Politics and Government," overview essay for *Encyclopedia of Arkansas History and Culture*, online and print project.

Patrick G. Williams, "Gov. Homer Martin Adkins," article for *Encyclopedia of Arkansas History and Culture*, online and print project.

### **PAPERS PRESENTED AT PROFESSIONAL MEETINGS:**

Andrea Arrington, "Crime, Punishment, and State (de)Formation: The Race and Gender of Criminality in North Western Rhodesia, 1895-1910," presented at the African Studies Association Annual Conference, New York City, October 2007.

Andrea Arrington, "Labour Crossings: World, Work, and History," presented at conference at the University of Witwatersrand (Johannesburg), September 2008.

Lynda L. Coon, "The Carolingian Aesthetic of Dining in the Monastic Refectory," presented at the International Medieval Congress, Michigan, 2007.

Lynda L. Coon, Co-organizer of a conference on "Theoretical Approaches to the Study of the Early Middle Ages," Portland, Oregon, March 2008.

Joel Gordon, "The Country was Beautiful: Scenes of Egypt's Lost Cosmopolitanism," presented at the Festival Andalucias Atlanticas: Patrimonio Musical Judaeo-Arabe, Foundation Alizes et Fundacion Tres Culturas, Essaouira, Morocco, November 2007.

Benjamin Grob-Fitzgibbon, "The Battle of the Britons: The Irish Loyal and Patriotic Union, Home Rule, and the Irish Nationalist Party, 1886-1893," presented at the Western Conference on British Studies, Albuquerque, New Mexico, November 2007.

Charles Robinson, chaired session at the Little Rock Desegregation Crisis: Fifty Years Later, University of Arkansas at Little Rock, September 2007.

Kathryn A. Sloan, "Emancipation of Minors and the Liberal State: The Case of Elopement in 19<sup>th</sup> Century Mexico," presented at the AAACHT, Hot Springs, Arkansas, October 2007.

Richard Sonn, "American Heroes: Lindberg, Sacco and Vanzetti, and the French Image of Roaring Twenties America," presented at the Western Society for French History, Albuquerque, New Mexico, November 2007.

Tricia Starks, "Kurenie, gender, I zdorov'e: 1844-1929," presented at the Gendernoe ravnopravie v Rossii, St. Petersburg, Russia, March 2008.

Tricia Starks, "The Anti-Smoking Movement at the Fin-de-siècle," presented at the American Association for the Advancement of Slavic Studies, New Orleans, November 2007.

### **INVITED LECTURES:**

Alessandro Brogi, invited to University of New Orleans for Conference on *Prague Spring and the Soviet Invasion of Czechoslovakia, 1968*, April 2008. Paper title: "France, Italy, the communists and the Prague Spring."

Alessandro Brogi, invited to Ohio University, Keynote Speech for Distinguished Alumni Speaker Series, Graduate Students Conference, May 2008. Paper title: "Anti-Americanism and Interdependence: America's Diplomatic Solution to Communist Influence in Western Europe, 1947-1978."

Alessandro Brogi, commentator on Panel "NATO's Troubled Decade: The 1960s," Annual Conference of the Society of Historians of American Foreign Relations, Columbus, Ohio, June 2008.

Lynda Coon, "The Dark Age Body and Its Parts," Medieval Circle, University of Virginia, March 2007.

Joel Gordon, "What's Playing in Cairo: Recent Egyptian Cinema," Fr. H.W. Caspar Endowed Lecture, Creighton University, February 2008.

Joel Gordon, "Shahs and Ayatollahs: Iran in World History," lecture sponsored by the Omni Center for Peace, Justice and Ecology, October 2007.

Michael Pierce, "The Little Rock Crisis and the Fate of Arkansas's Labor Movement," presented at The Little Rock Desegregation Crisis: Fifty Years Later, University of Arkansas at Little Rock, September 2007.

Charles Robinson, served on panel discussing the Little Rock Crisis, Fayetteville Public Library, October 2007.

Kathryn Sloan, invited presentation with honorarium, "The Bullfighter and the Virgin: Sex, Suicide, and Public Outrage in Mexico City, 1909," Latin American Seminar, Hall Center of the Humanities, University of Kansas, April 2008.

Kathryn A. Sloan, "Runaway Daughters and their Families in Nineteenth-Century Mexico," Oaxaca Summer Institute, Oaxaca, Mexico, July 2007.

Kathryn A. Sloan, invited expert on "Mexican Immigration," Great Discussion Group, Fayetteville, October 2007.

Daniel Sutherland, chair and discussant on panel, "The Guerilla War," for the Society of Civil War Historians meeting, Philadelphia, June 2008.

Elliott West, "War of Dreams," Annual Baker Lecture, University of South Dakota, September 2007.

Elliott West, closing commentary, conference on "Frontier Cities," Yale University, September 2007.

Elliott West, "The West Before Lewis and Clark: Three Lives," keynote address, Montana Council for Social Sciences, Bozeman, MT, October 2007.

Elliott West, "Chief Joseph and the Nez Perce War," invited lecture, Museum of the Rockies, Bozeman, MT, October 2007.

Elliott West, "The Southwest Before Lewis and Clark," annual Duane A. Smith Lecture, Fort Lewis College, December 2007.

Jeannie M. Wayne, chaired session, "Equality, Self-Interest, and Motivation" at the "Little Rock Desegregation Crisis: Fifty Years Later" conference in Little Rock, September 2007.

Jeannie M. Wayne, panel discussion, "New State Social Studies Frameworks: A Discussion," at the Arkansas Association of College History Teachers conference, October 2007.

Calvin White, Jr., invited lecture "In the Beginning There Stood Two: The Formation of the Church of God in Christ and Its Arkansas Roots" at The Arkansas Association of College History Teachers, October 2007.

Calvin White, Jr., invited guest lecturer at Virginia Tech, November 2007.

Calvin White, Jr., invited guest speaker for The Spring International Language Program, University of Arkansas, July 2007.

Calvin White, Jr., invited guest speaker for the IIE-Fulbright Pre-Academic Program, Fulbright College, July 2007.

Patrick G. Williams, “The Redeemer Way of Government” and “South and West in the Redemption of Texas,” invited lectures at Texas A&M University-Texarkana, October 2007.

Patrick G. Williams, moderator, “Post-World War Two Arkansas,” Arkansas Association of College History Teachers meeting, Hot Springs, October 2007.

### **NON-REFEREED LECTURES, PRESENTATIONS AND PANELS:**

Daniel Sutherland, historical advisor and on-camera commentator for a documentary film biography of James McNeill Whistler for PBS/BBC distribution.

Elliot West, “Hearing the Unheard in American History,” keynote address, first annual meeting of the Texas Council for History Education, Austin, Texas, July 2007.

Randall Woods, “LBJ and Civil Rights,” paper presented at the Arkansas Festival of Books, Little Rock, October 2007.

### **BOOK REVIEWS PUBLISHED:**

Alessandro Brogi, review of Michael Creswell, *A Question of Balance: How France and the United States Created Cold War Europe* (Cambridge: Harvard University Press, 2006), for *International History Review*, April 2008.

Joel Gordon, “Nourishment for the Soul,” review of Kumar Prasad Mukherji, *The Lost World of Hindustani Music* (Oxford University Press, 2006), in *Dawn*, “Books and Authors” (Pakistan), March 2008.

Joel Gordon, “Karachi’s Heritage,” review of Yasmin Cheema, *The Historical Quarters of Karachi* (Oxford University Press, 2007), in *Dawn*, “Books and Authors” (Pakistan), February 2008.

Joel Gordon, review of Abdeslam M. Maghraoui, *Liberalism without Democracy: Nationhood and Citizenship in Egypt, 1922-1936* (Duke University Press, 2006), for *Middle East Journal* 61:3 (Summer 2007): 532-33.

Beth Barton Schweiger, review of Catherine Kerrison, *Claiming the Pen: Women and Intellectual Life in the Early American South* (Cornell University Press, 2006), for *The Book* [American Antiquarian Society] 73 (Nov. 2007): 6-7.



Jeannie M. Wayne, review of Trey Berry, et. al., eds., *The Forgotten Expedition, 1804-1805: The Louisiana Purchase Journals of Dunbar and Hunter*, for the *Journal of Southern History* (November 2007).

\*Note Two faculty write so many book reviews that they do not list them individually in their annual resume updates (Dan Sutherland and Elliott West)

## **Journalism**

### **BOOKS:**

Sylvie, G.; **Wicks, Jan**; Hollifield, A.; Lacy, S.; Sohn, A.. Media Management: A Casebook Approach, 4<sup>th</sup> Edition. Mahwah, NJ: Erlbaum, 2008.

### **ARTICLES PUBLISHED/REFEREED JOURNALS:**

**Fosu, Ignatius**. "The Role of a Country's Level of Development in Country of Origin Evaluations: A Proposed Model."  
*Proceedings of the Academy of Marketing Conference*, Kingston University, The United Kingdom. (Summer 2007)

**Watkins, Patsy**. "Designing the Holy Bible: Arguing the Text through the Form."  
*Visual Communication Quarterly*. (Winter 2008)

**Foley, Larry**. "Charles Banks Wilson: Portrait of an American Artist." (television documentary Distributed nationally to PBS stations by National Educational Television

### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

**Purvis, Hoyt**. Weekly political op-ed column, *Northwest Arkansas Times*.

### **INVITED LECTURES:**

**Purvis, Hoyt**. "The U.S. and China" Rinmin University School of International Studies, Beijing, China (August 2007)

**Purvis, Hoyt**. "Media and Civil Rights" Distinguished Lecture Series, Clinton School of Public Affairs, Little Rock (September 2007)

### **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS REFEREED:**

**Fosu, Ignatius.** Paper presentation. "Advertising Creative Strategy Development in Ghana." International Academy of African Business and Development; University of Florida, Gainesville, Florida. May 2008. Received Best Paper Award, Marketing and Consumer Behavior category.

**Watkins, Patsy.** Paper presentation: "The Nicholson Photographs: A Caseworker's Visual Record of Rural Clients in the South During the Depression." Association for Education in Journalism and Mass Communication annual convention. Washington, DC. August 2007

**Wicks, Jan;** Brady, Robert; Effrig, Stacey; Widder, Katherine. "An Exploratory Study of Infomercial Clearance on High Reach Cable Channels: Could Deceptive Infomercial Advertisers Be Targeting Elderly, Less Educated or Lower Income Viewers?" Association for Education in Journalism and Mass Communication annual convention. Washington, DC, August 2007.

**Wicks, Jan;** Warren, Ron; Wicks, Robert; **Fosu, Ignatius.** "All Part of a Child's Balanced Television Diet? Emotional Appeals, Production Values and the Presence of Disclaimers in Food and Beverage Advertising." International Communication Association, May 2008.

### **CREATIVE ENDEAVORS SUCH AS DOCUMENTARIES, RECITALS, CONCERTS, SHOWS, PERFORMANCES AND COMPARABLE ACTIVITIES REFEREED:**

**Foley, Larry.** Documentary: "Charles Banks Wilson: Portrait of an American Artist." Screened, Annual Trail Dance Film Festival. Duncan, Oklahoma. January 2008.

**Foley, Larry.** Documentary: "Charles Banks Wilson: Portrait of an American Artist." Screened, Gilcrease Museum. Tulsa, Oklahoma. (September and December 2007)

### **CREATIVE ENDEAVORS SUCH AS DOCUMENTARIES, RECITALS, CONCERTS, SHOWS, PERFORMANCES AND COMPARABLE ACTIVITIES NON-REFEREED:**

**Foley, Larry & Carpenter, Dale.** Documentary: "Beacon of Hope: The Story of the University of Arkansas." Produced for the University of Arkansas. Broadcast statewide in Arkansas on Arkansas Educational Television Network (November 2007)

### **Mathematical Sciences**

### **PUBLICATIONS AND LECTURES BOOKS:**

Akeroyd, J. A Note on Harmonic Measure, Computational Methods and Function Theory, Volume 7(2007), No.1, 91-104.

Akeroyd, J. Point Evaluations and Polynomial Approximation in the Mean, *J. of Integral Equations and Operator Theory*, 60 (2008), 299-311 (with P. Taylor)

Capogna, Luca; Shatah, Jalal. *A note on ill-posedness of the Cauchy problem for Heisenberg wave maps*. *Proc. Amer. Math. Soc.* 136 (2008), no. 5, 1619—1629.

Capogna, L. “Convexity and horizontal second fundamental forms for hypersurfaces in Carnot groups” , to appear in *Transactions of the American Mathematical Society* (with S. D. Pauls and J. Tyson) expected in 2009.

Dingman, S. , Park Rogers, M., Abell, S., Lannin, J., Wang, C. Y., Musikul, K., & Barker, D., (2007). Effective professional development in science and mathematics education: Teachers’ and facilitators’ views. *International Journal of Science and Mathematics Education*, 5, 507-532.

Dingman, S., Reys, B. J., Chval, K., McNaught, M., Regis, T., & Togashi, J. (2007). Grade-level learning expectations: A new challenge for elementary mathematics teachers. *Teaching Children Mathematics*, 14(1), 6-11.

Goodman-Strauss, C., *The Symmetries of Things*, book with Heidi Burgiel and John H. Conway; completed Nov 2007; publisher: AK Peters, 450 pp, expected publication date April 2008.

Hogan, J., *Periodic nonuniform sampling of bandlimited and multiband signals* (with J. Lakey), Birkhauser, to appear 2008.

Luecking, Daniel H. “*Finite Rank Toeplitz Operators on the Bergman Space*”, *Proceedings of Amer. Math. Soc.*, vol. 138 (2008) 1717-1723.

Rieck, Y., *A proof of Waldhausen’s uniqueness of splittings of  $S^3$  (after Rubinstein and Scharlemann)* *Topology and Geometry Monographs 12* (2007) 277–284.

Rieck, Y., *A short proof of Bing’s characterization of  $S^3$*  (accepted to *Proc. Amer. Math. Soc.* 135 (2007) no. 6, 1947–1948.

Rieck, Y., (with Mark Brittenham) *The Heegaard genus of bundles over  $S^1$*  *Topology and Geometry Monographs 12* (2007) 17–33

Rieck, Y., (with Hugh Howards and Jennifer Schultens) *A survey of thin position for knots and 3-manifolds* *Topology and Geometry Monographs 12* (2007) 89–120.

Rieck, Y., (with Chaim Goodman-Strauss) *Simple Geodesics on a punctured hyperbolic surface* *Topology and its Application 154* (2007) 155-

Schein, B. *Semigroups underlying first-order logic*. Math. Abstracts 1023(2007), 03057.

Song, J. J., Lee, H.-J., Morris, J. S., and Kang, S. (2007), “*Clustering of time-course gene expression data using functional data analysis*”, Computational Biology and Chemistry, 31, 265-274.

Song, J. J., Conlon, E. M., and Liu, A. (2007), “*Bayesian meta-analysis models for microarray data: a comparative study*”, BMC Bioinformatics, 8:80.

Yu, P., Song, J. J., and Cassady, R. (2008), “*Bayesian Reliability and Maintainability Parameter Estimation for a Repairable System under Imperfect Maintenance*”, 2008 Proceedings Annual Reliability and Maintainability Symposium.

### **REFEREED ARTICLES:**

Madison, B. 3) Invited and refereed article. with Lynn Arthur Steen (2008) “Evolution of Numeracy and the National Numeracy Network,” *Numeracy*: Vol. 1 : Iss. 1, Article 2. Available at: <http://services.bepress.com/numeracy/vol1/iss1/art2>

Goodman-Strauss, C. Mathematical Illustration, at the conference Knotting Mathematics and Art, USF, Nov 2007.

Song, J.J., Exploratory Spatial Data Analysis: Application to Arkansas Crash Data, Korean Statistical Society Fall Conference, Seoul, Korea, November 10, 2007.

### **NON-REFEREED PUBLICATIONS AND CONFERENCE PROCEEDINGS:**

Dingman, S., Reys, B. J., Nevels, N., & Teuscher, D. (2007). *High school mathematics: State-level curriculum standards and graduation requirements*. Available at [http://www.mathcurriculumcenter.org/reports\\_publications.php](http://www.mathcurriculumcenter.org/reports_publications.php).

Madison, B. L., & Dingman, S. (2008). *Case studies for quantitative reasoning: A casebook of media articles*. To be published by Pearson Custom Publishing, Boston, MA.

Dingman, S. (2008, January). *The alignment of mathematics textbooks and state curriculum standards: Implications for teacher education*. Presentation at the annual meeting of the Association of Mathematics Teacher Educators, Tulsa, OK.

Dingman, S. (2008, April). *An analysis of the alignment between the written and intended curricula*. Presentation at the annual meeting of the National Council of Teachers of Mathematics Research Pre-session, Salt Lake City, UT.

Luecking, Daniel H. AMS Annual Meeting at San Diego, CA, Jan. 7, 2008 "*Finite Rank Toeplitz Operators*". Contributed paper.

Newton, J., Dieteker, L., Dingman, S., Horvath, A., Lappan, G., Smith, J. P., & Tarr, J. (2008, April). *The completion of the CSMC K-8 state standards analyses: Probability and statistics*. Presentation at the annual meeting of the National Council of Supervisors of Mathematics, Salt Lake City, UT.

Hogan, Jeffery, Colloquium talk: *Clifford analysis and hypercomplex signal processing*, Department of Mathematical Sciences, Australian National University (Canberra), Sept 2007.

Hogan, Jeffrey, *Sampling in shift-invariant non-translation-invariant spaces*, 32nd SIAM South-Eastern Atlantic Section Conference, Orlando, March 2008.

Lanzani, Loredona. "*Singular integrals on non-smooth domains in SCV*", invited speaker, Midwest SCV seminar, University of Michigan, March 2007.; invited speaker, Analysis Seminar, Georgia Tech, April 2007; invited speaker, Colloquium, Washington University, April 2007.

Lanzani, Loredona. "*Cauchy-type Singular integrals*", invited speaker, Workshop in PDEs, Serra Negra (Brazil), August 2007; invited speaker, AMS meeting #1031, Rutgers University, October 2007; Invited Analysis seminar speaker, University of Kentucky, March 2008; Invited Analysis seminar speaker, Ohio State U., May 2008.

Lanzani, Loredona. "TBA", Invited speaker, Conference in honor of Joe Kohn, George University (Czech Republic), June 2008; "TBA", invited speaker, Workshop in harmonic Analysis, Oberwolfach Mathematics Institute (Germany), July 2008.

Madison, Bernard. Invited session manuscript: *Pedagogical Challenges of Quantitative Literacy*. Proceedings of the 2006 Joint Statistics Meetings, pp. 2323-2328. Alexandria, VA: American Statistical Association, 2007. Manuscript for an invited paper in a session on statistical literacy and numeracy.

Madison, Bernard. "*State Requirements for Mathematics in College: Varied and Low*" (with Susan Forman), November 2007 FOCUS v 27, no 8.

Rieck, Yo'av, *Shortest networks in  $R^2$  with a non-positively curved metric: an outline*. In Proceedings of Intelligence of Low Dimensional Topology, Seich Kamada (ed.) 2007, pp. 119--127.

Song, J.J., (Invited) Conlon, E., Song, J. J., and Liu, J. S. (2008). "*Bayesian meta-analysis for microarray studies*", Statistical Methods for Biological Data, International Indian Statistical Association Conference, Storrs, CT.

Song, J.J., Kwon, D., Vannucci, M., Jeong, J. S., and Pfeiffer, R. M (2008), "*A Novel wavelet-based approach for preprocessing of mass spectrometry data*", Spring Meeting of Eastern North American Region (ENAR) of International Biometric Society (IBS), Arlington, VA.

Song, J. J., Miaou, S.P., and Doyle, E. (2008). "*Traffic crashes on rural roads in Arkansas: an exploratory spatial analysis*", Transportation Research Forum for the 49th Annual Forum, Fort Worth, TX.

Song, J.J., Yu, P., and Cassady, C. R. (2008). "*Bayesian Reliability and Maintainability Parameter Estimation for a Repairable System under Imperfect Maintenance*", The 54th Annual Reliability and Maintainability Symposium (RAMS), Las Vegas, NV.

## INVITED LECTURES

Copogna, Luca. CR geometry seminar, UIUC, October 18, 2008.; Colloquium, New Mexico State, November 1, 2008; Plenary speaker, Conference on Geometric Analysis, Bern Switzerland, January 2008; Lecturer at the 2008 Summer School in Jyvaskyla (Finland), August 2008.

Dingman, S. Cirillo, M., Hart, L., & Drake, C. (2007, October). *Getting the job you want: Interviewing and landing a job*. Invited speaker for the graduate student session at the annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education.

Luecking, Daniel H. University of Toledo Shoemaker Lectures, Toledo, OH, October 31-November 2, Featured Speaker, Lecture 1. "*What are Toeplitz Operators, and Why*" Lecture 2. "*Toeplitz Operators in Operator Ideals*" Lecture 3. "*Finite Rank Toeplitz Operators*"

Madison, Bernard. Keynote Speaker & Consultant NSF-funded Mathematics across the Community College Curriculum Summer Workshop. Leavenworth, WA, August 6-10, 2007

Madison, Bernard. Invited panelist on State of Mathematics Education in the US International Conference Mathematical Education in the 21st Century, UNCC, September 8-9, 2007

Madison, Bernard. November 2, 2007 – Featured symposium presentation at American Mathematical Association of Two Year Colleges National Conference, Minneapolis, MN

Madison, Bernard. Contributed Paper Session on Assessment of Learning in Undergraduate Mathematics, Co-organizer for 2008 Joint Mathematics Meetings, San Diego, CA, January 2000

Rieck, Yo'av, Intelligence of Low dimensional Topology and Extended KOOK seminar (August 2007, Invited Speaker)

Rieck, Yo'av, Kyoto University (Research Institute in Mathematical Sciences, August 2007 invited, Topology Seminar)

Rieck, Yo'av, American Institute of Mathematics (affiliated with Stanford University, December 2007, Invited)

Rieck, Yo'av, Osaka City University (November 2007 invited, Friday Seminar on Knots series)

Rieck, Yo'av, Nara Women's University (October 2007, 4 hours topology seminar)

Song, J. J., Statistical Analysis for Traffic Crashes from Impaired Driving, 85th Meeting of the Transportation Research Committee (TRC), Little Rock, AR, November 14, 2007. Invited

Song, J. J., A Model-Based Risk Map for Roadway Traffic Crashes, Mack-Blackwell Rural Transportation Center (MBTC) Fall 2007 Professional Advisory Board Meeting, Fayetteville, AR, November 9, 2007. Invited

Song, J. J., Exploring the Potential of Microarray Technology for Bio/Nano Sensing, The Annual Arkansas Biosciences Institute (ABI) Research Symposium, Little Rock, AR, October 23, 2007. Invited

## **Music**

### **BOOKS, PUBLISHED COMPOSITIONS, CD'S RECORDED, ETC.:**

James Greeson (composer), musical score for documentary entitled "Beacon of Hope—the Story of the University of Arkansas," first broadcast by AETN in November, 2007.

Christopher Lacy's "Three Mediterranean Landscapes" for flute choir and percussion will be published spring by Falls House Press, a house specializing in music for flute, with international distribution by Theodore Presser.

Christopher Lacy's "Quintet for Winds" and "Stick Figures" for Two Clarinets and Two Bassoons, will be published in July by TrevCo Music, a publisher specializing in double reed publications.

## **CHAPTERS:**

Jura Margulis plays Saint-Saens/Liszt: "Danse Marabre," on *The Symphonic Steinway*—the Limited Special-Edition CD released by Steinway & Sons, Germany, 2007, for promotional use in their stores and with clients. Other artists are Yefim Bronfman, Arcadi Volodos, and Martha Argerich.

## **REFEREED ARTICLES:**

James Greeson, 19 different "guitar chord charts" for Delavan publications, New York.

Ronda Mains, "The Creation of a Subculture: The Decline of the Arts in a Society Dominated by Technology, Science and Economics," *Two cultures: Oxford Round Table Forum on Public Policy Online* Winter 2007, <http://www.forumonpublicpolicy.com/papersw07.html>

Elizabeth Margulis, "Surprise and Listening Ahead: Analytic Engagements with Music Tendencies," *Music Theory Spectrum*, 29, 197-218.

Elizabeth Margulis, "Silences in Music are Musical Not Silent" *Music Perception*, volume 24, no. 5 [June 2007].

Chalon Ragsdale completed a transcription of a major work by Percy Grainger, "The Bride's Tragedy" under the auspices of the Grainger Estate and the International Percy Grainger Society. The transcription will be distributed internationally by Shattering.

Joshua Russell, "I know what I need to know: The impact of cognitive and psycho-social development on undergraduate music education majors' investment in instrumental techniques courses." *Bulletin of the Council for Research in Music Education*, 171, 51-66.

## **UNREFEREED ARTICLES AND PROCEEDINGS:**

Dale Misenhelter, "Context and Experiences in Music Programs: Decisions for Teachers," (2007). *Arkansas Music Educators Journal* *Segue* 28(2), p.10-12.

Benjamin Pierce, "2007 Great Plains Regional Tuba/Euphonium Conference" *ITEA Journal: Journal of the International Tuba/Euphonium Association* 34:3 (2007) 15.



### **INVITED LECTURES:**

Dale Misenhelter, *Research Presentation: Functions of Music in Music Education: A Curricular Look* (2007). Sounds of Learning Research Conference International Foundation for Music Research; NAMM and GRAMMY Foundations, Washington, DC. *This presentation was a Grant Report to:* International Foundation for Music Research; NAMM Foundation. Sounds of Learning, The Impact of Music Education Research Initiative.

Dale Misenhelter, *Perceived Functions of Music in Public Schools: From Aesthetic to Social Implications* (2007). Workshop / Research Presentation, NYSSMA (New York State School Music Association) Rochester New York.

Dale Misenhelter, West Virginia Music Educators Association "All-State" Conference (March 2008). 1) *Teachers and Students Response Data to Sociological and Anthropological "Functions" of Music and Their Use in Music Curricula.* 2) *Movement and Orff in the Elementary Classroom.* Wheeling, W. Virginia.

Dale Misenhelter, Research Presentation: MENC (Music Educators National Conference) National Conference (April 2008) *Teacher Awareness of "Functions of Music" in Music Education.* Milwaukee, WI. Also, Educational Workshop: MENC (Music Educators National Conference) National Conference (April 2008), with M. Fonder, Ithaca College. *But I only See Them for Thirty Minutes a Week.* Milwaukee, WI.

Dale Misenhelter, Commission Seminar on Educational Policies: *Social Functions of Music Education, A Curricular Analysis* (accepted) July 15-18, 2007, Bologna Italy.

Gerald Sloan, "Reggaeton and Beyond," lecture/performance for Latinos Unidos (UA Multicultural Center).

### **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

Dale Misenhelter, Research Presentation: *Awareness of Recognized "Functions of Music" in Music Education: A Curricular Look* (2007). Missouri Music Educators Conference, Osage Beach, MO.

Chalon Ragsdale, Preparation for concert band of Percy Grainger's *The Bride's Tragedy*, a 10 minute work originally for orchestra and double chorus. The piece will receive its world premiere in Walton Arts Center on February 24, 2008, and will be performed for the CBDNA Division Conference in Kansas City the following week.

Joshua Russell, (2008) "Music educator professional development: Forms, goals, and implications for Arkansas," *Segue*, 29(2), 4-6. Newsletter of the Arkansas Music Educators Association.

**CREATIVE ENDEAVORS, CONCERTS, SHOWS, PERFORMANCES:**

Chamber Concerts by the Faculty, with guest artists  
Degree recitals by students in music curricula  
Non-degree recitals by students in music curricula  
Faculty Recitals  
Choral Concerts  
Opera Productions  
Schola Cantorum  
Jazz Ensemble Concerts  
University Symphony Orchestra Concerts  
Wind Symphony Concerts  
Symphonic Band Concerts  
Concert Band Concerts  
Inspirational Singers Concerts  
Band Spectacular Concert  
Percussion Ensemble Concerts  
Football games for Men's Athletics  
Basketball games for Men's and Women's Athletics  
Volleyball games for Women's Athletic

**Philosophy**

**BOOKS:** 1

**CHAPTERS:** 3

**REFEREED ARTICLES:** 4 (And additional 2 were accepted for publication)

**INVITED LECTURES:** 1

**OTHER LECTURES:** 3

**Physics**

**PUBLICATIONS IN REFEREED JOURNALS:**

"First-principles determination of chemical potentials and vacancy formation energies in PbTiO<sub>3</sub> and BaTiO<sub>3</sub>," Z. Alahmed and H. Fu, *Phys. Rev. B* 76, 224101 (2007).

“Polar semiconductor ZnO under inplane tensile strain,” Z. Alahmed and H. Fu, *Phys. Rev. B* 77, 045213-1-10 (2008).

“Dependence of polarization on epitaxial strain in ferroelectric ultrathin films from first principles,” S. Bin-Omran, I. Ponomareva and L. Bellaiche, *Phys. Rev. B* 77, 144105 (2008).

“Orbital Reconstruction and Covalent bonding at an Oxide Interface,” J. Chakhalian, J. Freeland, G. Khaliullin, H.-U. Cristiani, M. van Veenendaal Habermeier, and B. Keimer, *Science*, (November 2007).

“Assessment method for photo-induced waveguides,” M. Chauvet, G. Fu, G. J. Salamo, *Los Alamos National Laboratory, Preprint Archive, Physics Optics* 1-6, arXiv:0709.2407v1 (2007).

“Measurement of Laser-induced Refractive Index Change of Inverted Ferroelectric Domain LiNbO<sub>3</sub>,” Y. Chen, S. Liu, D. Wang, T. Chen, and Min Xiao, *Appl. Opt.* 46, 7693 (2007).

“DNA Conformation and Base Number Simultaneously Determined in a Nanopore,” D. Fologea, E. Brandin, J. Uplinger, D. Branton, J. Li, *Electrophoresis* 28 (2007).

“Electrical Characterization of Protein Molecules in a Solid-State Nanopore,” D. Fologea, B. Ledden, D. S. McNabb, J. Li, *App. Phys. Lett.* 91, 053901 (2007).

“Size Dependence of Nonlinear Optical Absorption and Refraction of Mn-doped ZnSe Nanocrystals,” C. Gan and Min Xiao (with D. Battaglia, N. Pradhan, and X. Peng), *Appl. Phys. Lett.* 91, 201103 (2007).

“Linear and Nonlinear Optical Refractions of CR-39 Composite with CdSe Nanocrystals,” C. Gan, Y. Zhang, S. Liu, and M. Xiao (with Y. Wang), *Opt. Mater.* 30:9 1440-5 (2008).

“Visible and Near Infrared Spectra of Main Belt and Near Earth Asteroids,” K. Gietzen, & C. H. S. Lacy, *LPI* 38, 1104 (2007).

“Abundant Clinopyroxene On The S Asteroids and Implications for Meteorites and Asteroid History and the Asteroid-Meteorite Relationship,” K. Gietzen, C. H. S. Lacy, & D. W. Sears, *DPS* 39, 3311 (2007).

“Interacting Dark States with Enhanced Nonlinearity in an Ideal Four-level Tripod Atomic System,” Y. Han, J. Xiao, Y. Liu, C. Zhang, H. Wang, M. Xiao, and K. Peng, *Phys. Rev. A* 77, 023824-1-5 (2008).

- “Shape transformation during overgrowth of InGaAs/GaAs(001) quantum rings,” M. Hanke, Y. I. Mazur, E. Marega, Z. Y. AbuWaar, G. J. Salamo, P. Schafer, M. Schmidbauer, *Appl. Phys. Lett.* 91, 043103/1-043103/3 (2007).
- “Spectrum of a pulsed driven qubit,” S.S. Hassan, A. Joshi, and N.M.M Al-Madhari, *J. Phys. B: At. Mol. Opt. Phys.* 41, 145503 (2008).
- “Damping of a harmonic oscillator in a squeezed vacuum without rotating-wave approximation,” S.S. Hassan, A. Joshi, O.M. Frege, W. Eman, *Annals of Physics* 322, 2007-2020 (2007).
- “Teaching quantum physics without paradoxes,” A. Hobson, *Phys. Teach.*, 96-99, (Feb. 2007).
- “Winning the Climate Race,” A. Hobson, *Phys. and Soc.* 37:1 (2008).
- “Generation of a Two-Mode Generalized Coherent State in a Cavity QED System,” A. Joshi, S.S. Hassan, and Min Xiao, *Phys. Lett. A* 367, 415 (2007).
- “Bistability and Field-Induced Transparency in Superconducting Quantum Interference Devices,” A. Joshi and M. Xiao, *Phys. Rev. B* 77, 024502-1-5 (2008).
- “Stochastic resonance in a double quantum dot system,” A. Joshi, *Phys. Rev. E* 77, 02010(R) (2008).
- “The Arkansas Galaxy Evolution Survey (AGES): Supermassive Black Holes in the Universe,” D. Kenefick, J. Kenefick, C.H.S. Lacy, M. Seigar, *Bull. Am. Astron. Soc.* 212, 15.06 (2008).
- “Microstructural aspects of nucleation and growth of (In,Ga)As-GaAs(001) islands with low indium content,” V. P. Kladko, V. V. Strelchuk, A. F. Kolomys, M. V. Slobodian, Y. I. Mazur, Zh. M. Wang, V. Kunets, G. J. Salamo, *J. Electron. Mater.* 36, 1555-1561 (2007).
- “Structural anisotropy of InGaAs/GaAs(001) quantum dot chains structures,” V. Kladko, M. V. Slobodian, V. V. Strelchuk, O. M. Yefanov, V. F. Machulin, Y. I. Mazur, Z. M. Wang, G. J. Salamo, *Phys. Status Solidi A* 204, 2567-2571 (2007).
- “Finite-temperature properties of multiferroic BiFeO<sub>3</sub>,” I.A. Kornev, S. Lisenkov, R. Haumont, B. Dkhil and L. Bellaiche, *Phys. Rev. Lett.* 99, 227602 (2007).
- “Absolute Properties of the main-sequence eclipsing binary star GX Geminorum: constraints on convective core overshooting,” C. H. S. Lacy, G. Torres & A. Claret, *Astron. J.*, (2008).
- “Binary Supermassive Black Holes,” C. H. S. Lacy, D. Kenefick, J. Kenefick, M. Seigar, *Bull. Am. Astron. Soc.* 212, 15.05 (2008).

“Thickness dependency of 180 degree stripe domains in ferroelectric ultrathin films: A first-principles-based study,” B.-K. Lai, I. Ponomareva, I. Kornev, L. Bellaiche, G. J. Salamo, *Appl. Phys. Lett.* 91, 152909/1-152909/3 (2007).

“Spatially localized formation of InAs quantum dots on shallow patterns regardless of crystallographic directions,” J. Lee, Z. Wang, W. Black, V. Kunets, Y. Mazur, G. J. Salamo, *Adv. Functional Mater.* 17, 3187-3193 (2007).

“Observation of change in critical thickness of In droplet formation on GaAs(100),” J. H. Lee, Zh. M. Wang, G. J. Salamo, *J. Phys.: Condens. Matter* 19, 176223/1-176223/8 (2007).

“Matrix analysis of classical elastic collisions,” M. Lieber and J. Carter, *Am. J. Phys.* 75, 758 (2007).

Phase diagrams of BaTiO<sub>3</sub>/SrTiO<sub>3</sub> superlattices from first principles,” S. Lisenkov and L. Bellaiche, *Phys. Rev. B* 76, (R)020102 (2007).

“Reflective Second Harmonic Generation near Resonance in the Epitaxial Al-Doped ZnO Thin Film,” S.W. Liu, J.L. Weerasinghe, and Min Xiao (with J. Liu, J. Weaver, C.L. Chen, and W. Donner), *Opt. Exp.* 15, 10666 (2007).

“Far-field Second-harmonic Fingerprint of Twinning in Single ZnO Rods,” S.W. Liu, H.J. Zhou, A. Ricca, R. Tian, and M. Xiao, *Phys. Rev. B* 77 113311-1-4 (2008).

“Domain Microstructures and Ferroelectric Phase Transition in Pb<sub>0.35</sub>Sr<sub>0.65</sub>TiO<sub>3</sub> Films Studied by SHG in Reflection Geometry,” S.W. Liu, S. Jolly, and Min Xiao, (with C.L. Chen, J. Liu, Z. Yuan, W. Zhu), *J. Appl. Phys.* 101, 104118 (2007).

“Near-field imaging of surfaces with Gaussian distribution of carriers,” V. Lozovski, V. Vasilenko, G. Tarasov, Y. I. Mazur, G. J. Salamo, *J. Opt. Soc. Am. B* 24, 1542-1548 (2007).

“Two-dimensional ordering of (In,Ga)As quantum dots in vertical multilayers grown on GaAs(100) and (n11),” P. M. Lytvyn, V. V. Strelchuk, O. F. Kolomys, I. V. Prokopenko, M. Y. Valakh, Y. I. Mazur, Z. M. Wang, G. J. Salamo, M. Hanke, *Appl. Phys. Lett.* 91, 173118/1-173118/3 (2007).

“Generation and evolution of entanglement in coupled quantum dots interacting with quantized cavity field,” A. Mitra, Reeta Vyas, and D. Erenso, *Phys. Rev. A* 76, 052317 (2007); also in *Virtual J. Nanoscale Sci. & Technol.*, Dec 3, 16:23 (2007).

“Coherently driven non-classical light emission from a quantum dot,” A. Muller, E. B. Flagg, P. Bianucci, D. G. Deppe, W. Ma, J. Zhang, G. J. Salamo, C. K. Shih, *Los Alamos National Laboratory, Preprint Archive, Condensed Matter* 1-12, arXiv:0707.3808v1 (2007).

“Resonance Fluorescence from a Coherently Driven Semiconductor Quantum Dot in a Cavity,” A. Muller, E.B. Flagg, P. Bianucci, X.Y. Wang, D.G. Deppe, W. Ma, J. Zhang, G.J. Salamo, M. Xiao, and C.K. Shih, *Phys. Rev. Lett.* 99, 187402 (2007).

“Resonance fluorescence from a coherently driven semiconductor quantum dot in a cavity,” A. Muller, E. B. Flagg, P. Bianucci, X. Wang, C.-K. Shih, D. G. Deppe, W. Ma, J. Zhang, M. Xiao, G. J. Salamo, *Los Alamos National Laboratory, Preprint Archive, Condensed Matter* 1-5, arXiv:0707.0656v1 (2007).

“Quantum interference effect on absorption-dispersion spectra in lambda-type three-level EIT medium interacting with a squeezed bath,” K.I. Osman, S.S. Hassan, A. Joshi, *Opt. Commun.* 278, 114-123 (2007).

“Dual broadband photodetector based on interband and intersubband transitions in InAs quantum dots embedded in graded InGaAs quantum wells,” B. Passmore, J. Wu, M. Manasreh, G. J. Salamo, *Appl. Phys. Lett.* 91, 233508/1-233508/3 (2007).

“Terahertz dielectric response of cubic BaTiO<sub>3</sub>,” I. Ponomareva, L. Bellaiche, T. Ostapchuk, J. Hlinka and J. Petzelt, *Phys. Rev. B* (November 2007).

“Relation between dielectric responses and polarization fluctuations in ferroelectric nanostructures,” I. Ponomareva, L. Bellaiche and R. Resta, *Phys. Rev. B* 76, 235403 (2007).

“Dielectric anomalies in ferroelectric nanostructures,” I. Ponomareva, L. Bellaiche and R. Resta, *Physical Review Letters* 99, 227601 (2007). [Selected for the December 10, 2007 issue of *Virtual J. Nanoscale Sci. and Technol.*]

“Terahertz dielectric response of cubic BaTiO<sub>3</sub>,” I. Ponomareva, L. Bellaiche, T. Ostapchuk, J. Hlinka and J. Petzelt, *Phys. Rev. B* 77, 012102 (2008).

“Tensors in ferroelectric nanoparticles: First-principles-based simulations,” S. Prosandeev, I. Kornev and L. Bellaiche, *Phys. Rev. B* 76, 012101 (2007).

“Influence of crystallographic steps on properties of ferroelectric ultrathin films: an Ab-initio study,” S. Prosandeev and L. Bellaiche, *Appl. Phys. Lett.* 91, 072901 (2007).

“Original properties of dipole Vortices in zero-dimensional ferroelectrics,” S. Prosandeev, I. Ponomareva, I. Naumov, I. Kornev, and L. Bellaiche, *J. Phys.: Condens. Matter* 20, 193201 (2008), *invited topical review*.

“Order parameter in complex dipolar structures: Microscopic Modeling,” S. Prosandeev and L. Bellaiche, *Phys. Rev. B* 77, 060101 (R) (2008).

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#### **PUBLICATIONS IN CONFERENCE PROCEEDINGS:**

“Fluctuation properties of the optical nondegenerate parametric oscillators near threshold,” R. Vyas and S. Singh, *Quantum Optics: Coherence, Entanglement and Nonlinear Dynamics*, edited by J. Banerji, P. K. Panigrahi, and R. P. Singh, (Macmillan India, New Delhi Delhi, 2007), *invited paper*.

#### **OTHER PUBLICATIONS AND CONTRIBUTIONS:**

“Response to Carlton Rink’s letter ‘Questioning Scientific Literacy,’” A. Hobson, *Phys. Teach.*, 132-133, (2007), *letter*.

“Unintelligent Design,” A. Hobson, *Interactions* (a new AAPT publication), pp. 23-24, Mar/Apr (2007).

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“The rotation period of 913 Otila,” Q. Schiller & C. H. S. Lacy, *Minor Planet Bulletin*, Feb. (2008).

“Think-Pair-Share Analysis of the Operation of a Metal Detector,” J. Stewart, [SERC Pedagogic Service Project](#), comPADRE Pedagogic Library, August (2007).

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### **INVITED AND CONTRIBUTED CONFERENCE PRESENTATIONS:**

“Interference of optical beams with topological charge,” M. Burch and S. Singh, *OSA/DLS Annual Meeting*, San Jose, CA, Fall (2007).

“Time evolution of entangled excitonic state in two coupled quantum dots interacting with squeezed coherent field”, D. Erenso, A. Mitra, Reeta Vyas, and S. Singh, *Coherence and Quantum Optics IX*, Rochester, New York, June, 2007.

“Quantum Logic With Quantized Fields: Beyond the  $1/n$  Limit?” J. Gea-Banacloche, presented at the *2007 Rochester International Conference on Quantum Information (ICQI)*, Rochester, NY, June 13-15 (2007).

“Minimum-Energy Pulses for Quantum Logic Cannot Be Shared,” J. Gea-Banacloche and M. Ozawa, presented at the *Quantum Electronics and Laser Science Conference QELS 2007*, Baltimore, MD, May 6-11 (2007).

“Polarization properties of Ince-Gaussian Beams” A. Goldstein, R. Vyas and S. Singh, *OSA Annual Meeting*, San Jose, CA, September, (2007).

“Higher order Laser modes in elliptical cylindrical coordinates” A. Goldstein, M. Johnson, and Reeta Vyas, *Symposium on Undergraduate Research*, Laser Science XXIII, San Jose, CA, September, 2007.

“Minimum Error Probabilities for Single Qubit Gate Constrained by Conservation Laws,” T. Karasawa, M. Ozawa, J. Gea-Banacloche and K. Nemoto, presented at *AQIS (Asian Conference on Quantum Information Science) 2007*, Kyoto University, 3-6 Sep. (2007).

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“Light scattering studies of fibroblast growth factor interaction with D2 domain of FGFR,” P. Sharma, D. Rajalingam, T.K.S. Kumar and S. Singh, *INBRE Research Conference (regional)*, Fayetteville, Arkansas, October (2007).

“Cross polarization of Maxwell-Gaussian laser beams with orbital and spin angular momentum,” R. Vyas and S. Singh, *Coherence and Quantum Optics IX*, Rochester, New York, June, 2007.

“Quantum fluctuations in optical parametric oscillators near threshold,” R. Vyas, Louisiana State University, October (2007), *invited talk*.

“Source-to-Drain Spin-Polarized Transport Characterization through GaAs,” J. F. Xu and P. M. Thibado, *34<sup>th</sup> Conference on the Physics and Chemistry of Semiconductor Interfaces*, Salt Lake City, Utah, January (2007).

“Mn Profiles & Optical Emission for GaMnAs/GaAs(001) MBE Thin Films,” J. F. Xu, S. W. Liu, Min Xiao, P. M. Thibado, C. Awo-Affouda, F. Ramos and V. P. LaBella, *34<sup>th</sup> Conference on the Physics and Chemistry of Semiconductor Interfaces*, Salt Lake City, Utah, January (2007).

“Properties of Ferroelectric Nanostructures,” L. Bellaiche, I. Kornev, B.-K. Lai, I.I. Naumov, R. Resta and S. Prosandeev, *APS Meeting, New Orleans, LA* (2008), *invited presentation*.

“A novel intermediate folding state of apolipoprotein AI. Role of amino and carboxi termini,” E. Gross, *Gordon Research Conference on Atherosclerosis*, Il Ciocco in Lucca (Barga), Italy, June 17-June 22 (2007), *invited lecture*.

“Writing about science for non-scientists,” A. Hobson, *APS meeting in St. Louis* (2008), *invited talk*.

“Computational modeling of multifunctional materials,” I. Kornev, S. Lisenkov, R. Haumont, B. Dkhil, and L. Bellaiche, *SIAM Conference on Mathematical Aspects of Materials Science*, Philadelphia, PA (2008), invited presentation.

“Student-Developed Computer Projects in the Undergraduate Curriculum,” W. Oliver, *New Faculty Workshop Reunion meeting* sponsored by the American Physical Society and the American Association of Physics Teachers, National Center for Physics in College Park, Maryland, June 25 – 27 (2007), *invited presentation*.

“The Fundamentals of Epitaxial Growth and In Situ Characterization,” P. M. Thibado, *Arkansas INBRE Fall 2007 Research Conference*, Fayetteville, AR, November (2007), *invited talk*.

“Ferroelectric Nanoscale Domain Structures computed by Finite Element,” D. Albrecht, D. Aubry, L. Bellaiche and B. Dkhil, presented at the EMF-2007, *11th European Meeting on Ferroelectricity*, Bled, Slovenia, September 3-7 (2007); *contributed talk*.

“Temperature and thickness evolution of ferroelectric thin films,” P.E. Janolin, B.-K. Lai, I. Yuzuk, L. Bellaiche, Yu I. Golovko, V.M. Murkhortov, F. Le Marrec, M. El Marssi and B. Dkhil, presented at the EMF-2007, *11th European Meeting on Ferroelectricity*, Bled, Slovenia, September 3-7, (2007); *contributed talk*.

“Structure Analysis on Ferroelectric Nanowires,” L. Louis, P. Gemeiner, W. Ma, N. Setter, I. Ponomareva, L. Bellaiche, G. Geneste and B. Dkhil, presented at the EMF-2007, *11th European Meeting on Ferroelectricity*, Bled, Slovenia, September 3-7 (2007); *contributed talk*.

“A new critical temperature in relaxor-based systems,” B. Dkhil, P. Gemeiner, L. Bellaiche, E. Dulkan and M. Roth, presented at the EMF-2007, *11th European Meeting on Ferroelectricity*, Bled, Slovenia, September 3-7 (2007); *contributed talk*.

“Rovibronic Phase Plots I: Computer Graphical Analysis Oftensor Symmetry Breaking and Spin-Symmetry-Species Conversion,” W. Harter and J. Mitchell, *International Molecular Spectroscopy Symposium*, OSU, Columbus, OH, June 18-22 (2007), *presented paper*.

Rovibronic Phase Plots II: Multi-Surface Rotational Energy Anisotropy of Internal-Rotor Molecules and Rotational Jahn-Teller-Renner Analogs,” W. Harter and J. Mitchell, *International Molecular Spectroscopy Symposium*, OSU, Columbus OH, June 18-22 (2007), *presented paper*.

“Social benefit of teaching modern physics: the post-Newtonian worldview,” A. Hobson, at AAPT meeting, Greensboro NC, 28 July – 1 August (2007), *contributed paper*.

“Quantized fields: key to teaching quantum physics in introductory laboratories,” A. Hobson, at AAPT meeting, Greensboro NC, 28 July – 1 August (2007), *poster*.

“Teaching quantum physics: what is an electron?” A. Hobson, *APS meeting in St. Louis* (2008), *contributed talk*

“Infrared Imaging of SDSS Quasars: Implications for the Quasar K-correction,” J.D. Kennefick and S. Bursick, *Am. Astron. Soc. Meeting*, 210, 112.01 (2007), *conference talk*.

“Infrared Imaging of SDSS Quasars: Implications for Quasar Evolution,” J. Kennefick, S. & Bursick, *Cosmic Frontiers*, ASPCS, 329, (January 2008), *presentation*.

“Electrical Characterization of Single Protein Molecules in a Solid-state Nanopore,” J. Li, *GRC on Proteins*, Plymouth, NH, June 17-22 (2007), *poster*.

“Pressure Dependence of the Glass-Transition Temperature for Intermediate and Fragile Glass-Forming Systems,” W. Oliver III, A. Altom, H. Beverburg, J. Cooper III, D. Frost, D. Leuschke, and C. Wells, *American Physical Society March Meeting*, Denver, Colorado on March 6, (2007).

“Broad-Band Dielectric Spectroscopy of (Ba,Sr)TiO<sub>3</sub> Ceramics,” T. Ostapchik, J. Petzelt, S. Veljko, M. Savinov, F. Kadlec, A. Tkach, P. Vilarinho, A. Sotnikov, E. Smirnova, V. Lemanov, I. Ponomareva and L. Bellaiche, presented at the EMF-2007, *11th European Meeting on Ferroelectricity*, Bled, Slovenia, September 3-7 (2007); *contributed talk*.

“Electrical Noise Characterization of Noble Gas Ion Beam Fabricated Nanopore Detectors,” R. Rollings, B. Ledden, J. Chervinsky, J. Golovchenko, J. Li, *APS, Denver, CO*, March 5-9 (2007), *talk*.

### **INVITED LECTURES AND COLLOQUIA:**

“Evolution of molecular states and forbidden spin-species mixing,” W. Harter, KU Physics Colloquium and Theory Seminar, Lawrence, KS, November 5-6 (2007), *invited lecture*.

“Geometric aspects of optical interference frames and relativistic quantum theory,” W. Harter, Physics seminar at NIST, Boulder, CO, Nov 15 (2007), *invited lecture*.

“Physics Literacy for All,” A. Hobson, Guilin (Guangzi Normal Univ.), Wuhan (Forum sponsored by the Higher Education Press), and Beijing (Peking University), 19 Oct - 3 Nov (2007), *invited lectures*.

“Creating an Interactive Classroom: Are “Clickers” Right for you?” P. M. Thibado, State University of New York, Albany, NY, April (2007), *invited talk*.

“Optical and Physical Properties of Mn-Doped GaAs Thin Films Grown by MBE on the GaAs(001) Surface,” P. M. Thibado, State University of New York, Albany, NY, April (2007), *invited talk*.

“Light beams with a twist,” S. Singh, *Physics Colloquium* at Louisiana State University, Baton Rouge, LA, Fall (2007).

## **Political Sciences**

### **BOOKS:**

Ka Zeng, editor, *China’s Foreign Trade policy: The New Constituencies*, (London: Routledge) 2007

### **CHAPTERS:**

D.J. Armstrong, M. Reid, M. Allen, and C. Riemenschneider, “Managing IT Employee Retention – Challenges for State Government, Modern Public Information Technology Systems: Issues and Challenges, David Garrison, editor, 3<sup>rd</sup> edition, IGI Global, pp. 219-236.

Ka Zeng, “State, Business Interests, and China’s Use of Legal Trade Remedies” in *China’s Foreign Trade Policy: The New Constituencies*, Ka Zeng, editor (London: Routledge), 2007, pp. 118-142.

Ka Zeng and Josh Eastin, “Foreign Direct Investment and Labor Rights Protection in China: A Tale of Two Sectors,” in *China in the Twenty-First Century: Challenges and Opportunities*, Shiping Hua and Sujian Guo, editors (New York: Palgrave Macmillan) 2007, pp. 89-111.

Ka Zeng, “Political Institutions and China’s Harmonization with International Law,” in *The Rise of China from the Perspective of International Relations Theory*, Yun-Han Chu and Qingguo Jia, editors (Taipei: Wu-Na Publishing Co.) 2007, pp. 205-222. (In Chinese)

### **REFEREED ARTICLES:**

D.J. Armstrong, C. Riemenschneider, M. Reid, and M. Allen, “Voluntary Turnover and Women in IT: A Cognitive Study of work-Family Conflict” *Information and Management*, 44, 2:142-153.

C. Riemenschneider, M. Allen, M. Reid, and, D.J. Armstrong, “The Effects of Mentoring to Reduce Stress in a State IT Department during Times of Transforamtional Change, *International Journal of Learning and Change* (special issue on mentoring) 1, 4:429-445.

Andrew Dowdle, “Civil Wars, International Conflicts and Other Determinants of Paramilitary Strength in Sub-Saharan Africa” *Small Wars & Insurgencies*, Vol 18, No. 2 (June 2007), 161-174.

Andrew Dowdle, "The Viability Primary: Middling Candidate Support Before the Primaries" *Political Research Quarterly*, Fall 2008.

Seok Eun Kim and Jung Wook Lee, "Is Mission Attachment and Effective Management Tool for Employee Retention?: An Empirical Analysis of a Nonprofit Human Services Agency." *Review of Public Personnel Administration*, 27(3): 227-248.

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Ka Zeng and Josh Eastin, "International Economic Integration and Environmental Protection: The Case of China," *International Studies Quarterly*, 51:4 (December 2007) pp. 971-995.

### **ARTICLES:**

Andrew Dowdle, "Arkansas" in *The New Politics of the Old South*, 3<sup>rd</sup> edition, edited by Charles S. Bullock, III and Mark J. Rozell (Lanham, MD: Rowman and Littlefield) 2007.

### **CONFERENCE PAPERS:**

M. Allen, D.J. Armstrong, M. Reid, and, C. Riemenschneider, "Lessons Learned from Conducting Interdisciplinary IT Workforce Research" paper presented at the SIGMIS-CPM Conference 2007: The Global Information Technology Workforce, St. Louis, Missouri, April 19-21, 2007.

Andrew Dowdle, "A Comparative Look at State Gay and Lesbian Marriage Ballot Measures and Social Conservative Support for Republican Candidates in 2004", paper presented at the Annual Meeting of the Arkansas Political Science Association, Conway, Arkansas, February 2007.

Andrew Dowdle, "Evangelical and Social Conservative Support for George W. Bush in the 2000 and 2004 Presidential Elections: Evidence from Arkansas, Oklahoma, and Ohio" paper presented at the Annual Meeting of the Southwestern Social Science Association, Albuquerque, New Mexico, March 2007.

Andrew Dowdle, "The Viability Primary: Modeling Candidate Support before the Primaries," paper presented at the Annual Meeting of the American Political Science Association, Chicago, Illinois, September 2007.

Najib Ghabdian, "The Guy from Arkansas: My Experience with al-Jazeera," paper presented at the Al-Jazeera and the New Arab Media: The Annual Conference of the UCSB Center for Middle East Studies, Santa Barbara, California, May 5-6, 2007.

Najib Ghabdian, "Constitutional Reform in Syria: Comparative Study of the 1950 & 1973 Constitutions," paper presented at The Second Meeting for Democracy & Political Reform in the Arab World, Doha, Qatar, May 27-29, 2007.

Najib Ghadbian, "The Political Program of the Syrian Muslim Brotherhood," paper presented at the Conference on the Muslim Brotherhood II, National Intelligence Council, US Department of State, Washington, DC, June 20, 2007.

Najib Ghadbian, "The Prospects of Peace between Syria & Israel," paper presented at the Middle East Regional Security and Cooperation Meeting, Athens, Greece, December 13-16, 2007.

Seok Eun Kim and Jung Wook Lee, "Government Innovation: Measuring the Impact of Management Capacity on Government Innovation," paper presented for the 9<sup>th</sup> Public Management Research Association (PMRA) Conference, University of Arizona, October 25-27, 2007.

Jung Wook Lee and Seok Eun Kim, "Managing for Results (MFR) in Public Organizations: Factors Affecting the Implementation of MFR in U.S. Federal Agencies," paper presented at the 9<sup>th</sup> Public Management Research Association (PMRA) Conference, University of Arizona, October 25-27, 2007.

Janine Parry and Jay Barth, "2 > 1 + 1?: The Impact of Contact with Gay and Lesbian Couples on Attitudes About Gays/Lesbians and Gay-Related Policies," paper presented at the Annual Meeting of the Western Political Science Association, March 2007.

Jeffrey Ryan, presented a paper at the annual conference of the Inter-American Network for Public Administration Education (INPAE), Bogota, Columbia, May 2007.

Todd Shields and Shannon Davis, "Symbolic Racism and Public Confidence in Education" paper presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, 2007.

Todd Shields and Sunshine Hillygus, "Wedge Issues in Presidential Campaigns," paper presented at the annual meeting of the Southern Political Science Association, New Orleans, Louisiana, 2007.

Ka Zeng and Josh Eastin, "International Economic Integration and Environmental Protection in China: The Case of China," paper presented at the Annual meeting of the International Studies Association, Chicago, Illinois, February 28-March 3, 2007.

Ka Zeng and Josh Eastin, "Are International Investors Attracted to Pollution Havens in China?" paper presented at the British Inter-University China Center Launch conference, Oxford Britain, June 27-29, 2007.

### **INVITED LECTURES:**

Andrew Dowdle, "Minorities in the Polls," guest speaker at the Gamma Eta Sorority, University of Arkansas, April 18, 2007.



Andrew Dowdle, "The Presidential Nomination Process, 1948-2008," guest speaker at the Elderhostel, University of Arkansas, May 8, 2007 and May 22, 2007.

Andrew Dowdle, "Upholding the Constitutional Order or Overturning it? George W. Bush and the Unitary Theory of the Executive," speech given at the Constitution Day celebration, University of Arkansas, September 17, 2007.

Najib Ghadbian, "Prospects for political & Economic Reform in Syria," speech given at the Second annual Conference of the Syrian NSF, Berlin, Germany, September 14-15, 2007.

Najib Ghadbian, "Autumn of Decisions: A Critical Movement for American Engagement in the Middle East," speech given to the Annual conference of the Washington Institute for Near East Policy, Leesburg, Virginia, October 19-21, 2007.

## **Psychology**

### **BOOKS:**

Cavell, T.A., & Malcolm, K. (2007). *Anger, Aggression, and Interventions for Interpersonal Violence*. Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

### **BOOK CHAPTERS:**

Cavell, T.A., Hymel, S., Malcolm, K., & Seay, A. (2007). Socialization and the development of antisocial behavior: Models and interventions. In J. E. Grusec & P. D. Hastings (Eds.), *Handbook of Socialization* (pp. 42-67). New York: Guilford Press.

Zvolensky, M. J., Bernstein, A., Yartz, A. R., McLeish, A., & **Feldner, M. T.** (2008). Cognitive-behavioral treatment of comorbid panic psychopathology and tobacco use and dependence (pp. 177-200). In S. H. Stewart & P. Conrad (Eds.), *Comorbidity of anxiety and substance use disorders*. New York: Springer.

Zvolensky, M. J., Leyro, T., Bernstein, A., **Feldner, M. T.**, Yartz, A. R., Babson, K. & Bonn-Miller, M. O. (2008). Tobacco use and panic psychopathology: Current status and future directions (pp. 3-28). In M. J. Zvolensky & J. A. Smits (Eds.), *Anxiety in health behaviors and physical illness: Contemporary theory and research*. New York: Springer.

Williams, N.L., Connolly, K.M., Cisler, J.M., Elwood, L.S., Willems, J.L., & Lohr, J.M. (2008). Disgust: A cognitive approach. In B.O. Olatunji & D. McKay (Eds.), Disgust and its disorders: Theory, assessment and treatment. Washington, D.C.:American Psychological Association Press.

**Leen-Feldner, E. W.**, Reardon, L. E., Hayward, C., & Smith, R. (2008). The relation between puberty and adolescent anxiety: Theory and evidence. In M.J. Zvolensky and J. Smits (Eds.), *Anxiety in Health Behaviors and Physical Illness*. New York, NY: Springer Publishing.

Bembenek, A. F., Beike, D. R. & Schroeder, D. A. (2007). Justice violations, emotional reactions, and justice-seeking responses. In De Cremer, D., (Ed.), *Advances in the psychology of justice and emotions*. Greenwich, CT: Information Age Publishing.

Cavell, T.A., & Malcolm, K. (2007). The anger-aggression relation. In T. A. Cavell & K. T. Malcolm (Eds.), *Anger, Aggression, and Interventions for Interpersonal Violence* (xv-xxxi). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

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Neuschatz, J.S., Lampinen, J.M., Toglia, M.P., Payne, D.G. & Preston, E. (2007). False memory research: History, theory, and applied implications. In M.P. Toglia, J.D. Read, D.F. Ross & R.C.L. Lindsay (Eds.). *Handbook of Eyewitness Psychology Volume 1: Memory for Events*. Mahwah, NJ: Lawrence Erlbaum and Associates.

Cavell, T.A., & Elledge, L. C. (2007). Working with parents of aggressive, high-risk children. In J. Briesmeister & C. Schaefer (Eds.), *Handbook of Parent Training*, 3<sup>rd</sup> Edition (379-423). Hoboken, NJ: John Wiley & Sons.

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#### **ARTICLES IN PROCEEDINGS OR NON-REFEREED PUBLICATIONS:**

**Ham, L. S.** (2007). [Invited review of the book *The vicious cycle: Theoretical and treatment issues in comorbid anxiety and substance use disorders*]. Anxiety Disorders: A Quarterly Report, 4(1), 1-4.

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**Leen-Feldner, E. W. & Blumenthal, H.\*** (2007). Tobacco use potentiates panic symptoms among vulnerable adolescents. Association for the Treatment of Tobacco Use and Dependence Newsletter, 5, 3.

#### **Social Work**

#### **BOOKS:**

**Murphy, S. Y., Zajicek, A., Norris, A., Hunt, V.** Capturing the Breadth and Depth of Human Experiences: Incorporating Intersectionality in Social Work Research, Policy, Practice, and Education. NASW Press book due July 2008

## **FACULTY ACHIEVEMENTS IN REFEREED JOURNAL ARTICLES:**

### **Christy-McMullin**

*Print publications in peer-reviewed journals*

**Christy-McMullin, K.** & Shobe, M. A. (2007). The role of economic resources and human capital with woman abuse. Journal of Policy Practice, 6(1), 3-26

Shobe, M. A., **Christy-McMullin, K.**, & Kandel, D. (2007). Building capital for the future: Savings experiences of African American women. Social Development Issues, 29(1)

**Christy-McMullin, K.** (2005)\*. Economic resources and woman abuse: Differences and similarities among African American, Hispanic and White women. Journal of Ethnic & Cultural Diversity in Social Work, 14 (3/4), 103-124.

### **DeCoster**

*Print publications in peer-reviewed journals*

Dabelko, H. & **DeCoster, V.** (2007). Diabetes and adult day health services. *Health & Social Work*, 32 (4), 279-288.

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### **Murphy**

**Murphy, S. Y.**, Goodson, J. (2007). Numbers alone do not tell the entire story: A program evaluation designed to generate evidence-based knowledge and practice in child welfare supervision. *Journal of Evidence-Based Social Work*, 4(3/4), 80-101.

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## **Shobe**

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Boyd, S. A., Morrow, D. F., **Shobe, M. A.**, & Tack, F. (2007). Lessons learned from an innovative university-community agency collaboration: The development of a direct practice training for child welfare and mental health social workers. *Professional Development Journal, 9*(3), 140-152.

Christy-McMullin, K. & **Shobe, M. A.** (2007). The role of economic resources and human capital with woman abuse. *Journal of Policy Practice, 6*(1), 3-26.

## **Stauss**

**Stauss, K.** (2007). Exploring knowledge management and knowledge sharing in a non-profit human service organization. *Journal of Information & Knowledge Management, 6*(1) 69-77

## **Non-refereed publications and proceedings**

### **Christy-McMullin**

#### *Book Reviews*

**Christy-McMullin, K.** (2007). Welfare reform in persistent rural poverty: Dreams, disenchantments, and diversity. Pickering, K., Harvey, M.H., Summers, G.F. & Mushinski, D. (2006). Journal of Contemporary Sociology, 36(3), 228-229.

### **King**

Proceedings of Southwestern Social Work Association Proceedings – editor

### **Murphy**

#### *Non-Refereed*



**Murphy, S. Yvette** (2006). [Review of book] *Communities of care: Assisted living for African American elders*. *Journal of Women and Aging*, 18(4), 83-85

### **Stauss**

Boyas, J., Stauss, K.A., & Murphy-Erby, Y. (poster). Voices for Healthy Choices. National Convention and Care Conference. December 3-4, 2007.

### **OTHER LECTURES, PAPERS, PRESENTATIONS:**

#### **Allen**

##### *Presentations*

William Glasser Institute

#### **Christy-McMullin**

##### *Presentation*

Murphy, Y., Shobe, M.A., Christy-McMullin, K., Barefield, L., Gergerich, E. & Jordan, S. (2008). Asset Development as a Protective Factor against Domestic Violence: Practice Initiatives. Institute on Violence, Abuse and Trauma, April 2-4.

##### *Invited Think-Tank session:*

Insight Center for Community Economic Development and the Ford Foundation. "Closing the Racial Wealth Gap." New York City, October 2007.

##### *Research training sessions:*

"Conducting a Multi-State Longitudinal Quasi-Experimental Study" Individual Development Account Programs of the New Mexico Asset-Building Consortium, various locations in NM, Sept. 2007.

"Conducting a Multi-State Longitudinal Quasi-Experimental Study" Individual Development Account Programs of the New Mexico Asset-Building Consortium, Santa Fe, NM, Mar. 2007.

## **DeCoster**

### *Presentations*

**DeCoster, V.** (2008). 13th International Conference "Psychology, Neuropsychiatry & Social Work in Modern Times", The Association of Psychology and Psychiatry for Adults & Children, Athens, Greece, May 20-23. The paper, entitled "African American Elders Adapting to Diabetes: An Adaptation and Test of the Illness Intrusiveness Model," was one product from the Hartford Social Work Scholars funded research.

## **Murphy**

### *Presentations*

**Yvette Murphy**, Anna Zajicek and Shayle Motial "An Intersectional Examination of the High Risk Sexual Behaviors of African American " Presented at the Association of Black Sociologist Meetings, New York, NY, August 2007. (Refereed)

Marta Collier, **Yvette Murphy**. "A Culturally Sensitive Community-Based Approach to Literacy Engaging The Marshallese Population," presented at the Hawaii International Conference on Education, The Marriott, Honolulu Hawaii, January, 2007. (Refereed).

## **Shobe**

### *Presentations*

Murphy, Y., Shobe, M.A., Christy-McMullin, K., Barefield, L., Gergerich, E. & Jordan, S. (2008). Asset Development as a Protective Factor against Domestic Violence: Practice Initiatives. Institute on Violence, Abuse and Trauma, April 2-4.

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"Conducting a Multi-State Longitudinal Quasi-Experimental Study" Individual Development Account Programs of the New Mexico Asset-Building Consortium, various locations in NM, Sept. 2007.

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## **Stauss**

### *Presentations*

**Stauss, K.A.** & Milford, T. (refereed paper). Developing a Knowledge Community of Practice within a School of Social Work. 2007 Annual Meeting-Council of Social Work Education. October, 2007.

**Stauss, K.A.** & Milford, T. (refereed paper). Developing a Community of Practice within a Non-Technical Organization. 2007 International Conference of Knowledge Management. Aug.27-28, 2007

### **CREATIVE ENDEAVORS:**

#### **Christy-McMullin**

*Media coverage of research*

Martin, M. (Aug. 20, 2007). Study: Ethnicity, education linked to domestic violence. *National Public Radio: Tell Me More*.

#### **Murphy**

*Media coverage of research*

Press release (newspaper) covering invitation to participate in the closing the racial wealth gap session/discussion.

Press release (newspaper, College of Education Review, and NPR) covering the Marshallese Project

*Invitations*

Invited by the Ford Foundation and the National Economic Development and Law Center to participate in a think-tank session focused on closing the racial wealth gap.

### **SOCIOLOGY**

#### **BOOKS:**

Morgan, Gordon, *No Violence is Progress*, Publish America, 2007

Knoke, David and Song Yang, *Social Network Analysis*, 2<sup>nd</sup> ed, Thousand Oaks, California, Sage, 2008

#### **CHAPTERS:**

*Bradley, Mindy S.*, "Restitution," L. Finley (Ed.), *The Encyclopedia of Juvenile Violence*. Westport, CT: Greenwood Publishing Group

*Shields, Christopher, Kelly Damphousse, Paxton Roberts, & Brent Smith* (2007).

"The Unabomber Case and Trial." Pp. 43-60 in *Famous Crimes and Trials, Volume 6*, edited by Frankie Bailey and Steven Chermak. Westport, CT: Praeger Publishing.

*Worden, Steven, David Snow, E. B. Rocheford, and R.D. Benford*, "Frame Alignment Processes, Micromobilization, and Movement Participation," *Social Movements: A Reader*, Vincenzo Ruggiero and Nicola Montagna, eds., Routledge, June 2008.

## **REFEREED ARTICLES:**

*Bradley, Mindy S.*, "Symbolizing Hate: The Extent and Influence of Organized Hate Group Indicators," *Journal of Crime and Justice*. 29 (2): 157-171

*Bradley, Mindy S.*, "Strippers, Wives and Girlfriends: Managing Stigma in Deviant Romantic Relationships," *Deviant Behavior*. 28 (4):379-406

*Bradley, Mindy S.*, "Selling Sex in the New Millennium: Thinking About Changes in Adult Entertainment and Dancers' Lives," *Sociology Compass*. 2 (2): 503-518

*Fitzpatrick, Kevin M., Jessica Irwin, Mark LaGory, Ferris Ritchey* 2007. "Just Thinking about It: Social Capital and Suicide Ideation among Homeless Persons." *Journal of Health Psychology* 32: 124-135

*Piko, Bettina and Kevin M. Fitzpatrick*. 2007. "SES, Psychosocial Health, and Health Behaviors among Hungarian Adolescents." *European Journal of Public Health*. 17:257-266.

*Jackson, Cothren, Brent L. Smith, Paxton Roberts and Kelly R. Damphouse*, "Geospatial and Temporal Patterns of Preparatory Conduct among American Terrorists," *International Journal of Comparative and Applied Criminal Justice*, 32(1): 23-41 (Spring 2008)

*Smith, Brent L.*, "A Look at Terrorist Behavior: How They Prepare, Where They Strike," *National Institute of Justice Journal*, 260: 2-6 (Spring 2008)

*Morgan, Kathryn and Brent Smith*, "The Impact of Race on Parole Decision Making," *Justice Quarterly*, 25(2): 411-435

*Yang, Song*, "Racial Disparity in Training, Pay-Raise Attainment, and Income," *Research in Social Stratification and Mobility*, 25/4:323-335

*Adele Norris, Yvette Murphy, Anna M. Zajicek*, "An Intersectionality Perspective in Introductory Sociology Textbooks and the Sociological Imagination: A Case Study," *Race, Gender and Class*, Vol. 14:1-2 (2007): 333-344

*Anna M. Zajicek and Yvette Murphy, with Richard Bravo, Adele Norris, and Ramu Bishwakarma*, "Teaching Diversity Research through Collaborative and Interdisciplinary Active-Learning Teams: A Case Study of an Intersectional Research Team," *Learning Communities Journal* Vol. 1, No 1 (2008): x-x

## **INVITED LECTURES:**

*Fitzpatrick, Kevin M.*, "Putting a Face on Homelessness in NWA," invited panelist, Mental Health Association Educational Program, Fayetteville (Arkansas, 2007)

*Myrstol, Bradley*, "Racial Disparities, Racial Discrimination, and Racial Profiling," Lemke Journalism Project (March 2008)

*Schwab, William*, "Reflections on a Ten-Year Collaboration: CRM and Sustainable Development in Jordan," Tenth International Conference on Synergy Development, Higher Education for Development (HED) and the United States Agency for International Development (USAID), Washington, DC (August 2007)

*Smith, Brent*, "The Evaluation of American Terrorism," University of Oklahoma Terrorism Symposium (Spring 2008)

*Smith, Brent*, "Findings from the American Terrorism Study," FBI Chicago-Area JFFT (July 2007)

### **OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:**

*Pimple, Kenneth D. and Douglas Adams*, "Resisting the Sirens Call for Behavior Change," ORI Conference on Responsible Conduct of Research Education, Training, and Instruction (RCR-EIT), St. Louis, MO (April 2008)

*Fitzpatrick, Kevin M. Bettina Piko, and Elizabeth Miller*, "Suicide Ideation and Attempts among Low-Income, African-American Adolescents," Annual Meeting of the American Sociological Association, New York City, NY (August 2007)

*Irwin, Jessica, Mark LaGory, Ferris Ritchey, and Kevin M. Fitzpatrick*, "Social Assets and Health among the Homeless: A Test of the Social Capital Thesis," Annual Meeting of the American Sociological Association, New York City (August 2007)

*Fitzpatrick K. and Myrstol B.*, "With and Without Their Own Place: Homelessness and Housing in NW Arkansas," *Northwest Arkansas Community Indicators*, 2(1) (Spring 2008) 2008

*Holyfield, Lori and Ryan Moltz*, "Heritage or Hate: Race Discourse and the Confederate Flag," Annual Meeting of the American Sociological Association, New York City, NY (August 2007)

*Holyfield, Lori*, "Positive Outcomes: Follow up Study of the Arkansas Single Parent Scholarship Fund," Governor's Conference on Education, Little Rock, AR (March 2008)

*Schwab, William, M. Shunnaq, and M.F. Reid*, "Community Development Using a Sustainable Tourism Strategy: A Case Study of the Jordan River Valley Touristway," International Conference: Science and Technology in Archaeology and Conservation, Baeza, Spain (July 2007)

*Shunnaq, M., Schwab, William, and M.F. Reid*, "Community Development Using a Sustainable Tourism Strategy: A Case Study of the Jordan River Valley Touristway," *International Journal of Tourism Research*, 2007 10, 1-14 (August 2007)

Worden, Steven, "African-American Education before Desegregation: The Catholic Apostolate to the African-Americans," Annual Meeting of the Arkansas Sociological and Anthropological Association, Little Rock, Arkansas (Nov. 9, 2007)

Yang, Song, "Racial Disparity of Perceived Job Insecurity between White and Black Workers," American Sociological Association Annual Meeting in New York (August 2007)

Yvette Murphy, Anna Zajicek, Shailey Motial and Angela Uplinger, "Intersectionality and Sex-Risk Behaviors among Young African-American Men: The Need for an Alternative Paradigm," 37<sup>th</sup> Annual Conference of the Association of Black Sociologists, New York City, NY (August 2007)

## **Comparative Literature**

### **BOOKS:**

Haydar, Adnan and Paula Haydar. *Learning English* (Northampton, MA: Interlink Publishing Group), 2007, 161 page novel, translation of Rashid Al-Daif's *Lirningh Inghlish*.

Booker, M. Keith. *Postmodern Hollywood: What's New in Film and Why It Makes Us Feel So Strange*. Westport, CT: Praeger, 2007.

Booker, M. Keith. *May Contain Graphic Material: Comic Books, Graphic Novels, and Film*. Westport, CT: Praeger, 2007.

Erickson, Kirstin. *Yaqui Homeland and Homeplace: The Everyday Production of Ethnic Identity*. University of Arizona Press, 2007.

### **CHAPTERS:**

Booker, M. Keith. "The Politics of *Star Trek*." *The Essential Science Fiction Television Reader*. Ed. J. P. Telotte. Lexington: U of Kentucky P, 2008. 195-208.

Arenberg, Nancy. "Resurrecting the Lost Mother : Postmemory and Mourning in Moati's *Mon enfant, ma mère*." *Dalhousie French Studies: Representations of Trauma in French and Francophone Literature* 81 (2007): 119-127.

Restrepo, Luis Fernando and Carlos Jauregui. "Teaching the Apologia" *Approaches to Teaching the Writings of Bartolome de las Casas*. Modern Language Association. Spring 2008

Kahf, Mohja. "From Her Royal Body the Robe Was Removed: The Blessings of the Veil and the Trauma of Forced Unveiling in the Middle East," in Jennifer Heath, ed., *The Veil: Its History, Lore, and Politics*, Berkeley: U California Press, July 2008.

Kahf, Mohja. "Lifting the Hajar Heel" & Translation of Nizar Kabbani's "Poetic Communique #1" in *Contemporary Voices of the East*, W.W. Norton & Company.

Kahf, Mohja, "Postcards from Hajar" and other poems, in Hayan Charara, ed., *Inclined to Speak, An Anthology of Arab American Poetry*, UA Press, just out. (March 2008)

Pritchett, Kay. "Abriles, ahogados y otros recursos residuales en Pero el viajero que huye," in *Manuel Vázquez Montalbán: El compromiso con la memoria*, (ed.) José F. Colmeiro (London: Tamesis, 2007)

### **REFEREED ARTICLES:**

Gordon, Joel. Abdeslam M. Maghraoui, *Liberalism without Democracy: Nationhood and Citizenship in Egypt, 1922-1936* (Duke 2006), *Middle East Journal* 63 (1) Summer 2007, 532-33

Gordon, Joel. "Karachi's Heritage," review of Yasmin Cheema, *The Historical Quarters of Karachi* (Oxford UP 2007) *Dawn* "Books and Authors" (Pakistan), February 10, 2008

Gordon, Joel. "Nourishment for the Soul," review of Kumar Prasad Mukherji, *The Lost World of Hindustani Music* (Oxford UP 2006) *Dawn* "Books and Authors" (Pakistan), March 16, 2008

Restrepo, Luis F. "Tengo los pies en la cabeza de Bericha y los retos de la cultura del reconocimiento" *Cuadernos de Literatura* [Universidad Javeriana Bogota] 11:22 (enero-junio 2007)

Restrepo, Luis F. ("Los muisucas y la modernidad: capitalismo y subjetividades coloniales" *Revista Iberoamericana*) 73.220 (2007): 453-69.

Restrepo, Luis F. "La cultura intelectual en el Virreinato de la Nueva Granada" *Dieciocho: Hispanic Enlightenment* 30.1 (2007): 141-48.

Restrepo, Luis F. Ana Maria Ferreira and Juan Guillermo Sanchez. Poeticas y politicas de la America indigena" Introduction to the special issue of *Cuadernos de Literatura* 11:22 (2007)

Restrepo, Luis F. Review of Ana Maria Lorandi, *Spanish King of the Incas*. *Bulletin of Spanish Studies* 84 (2007): 1070-1.

### **UNREFEREED PUBLICATIONS AND CONFERENCE PROCEEDINGS:**

Haydar, Adnan and Michael Beard. Transl of Zoghaib, Henri. "Hamimiyyat, Intimate Poems, Selections From the Collection." BANIPAL Magazine of Modern Arab Literature 28 (Spring 2007): 87.

### **INVITED LECTURES:**

Haydar, Adnan. "Khalil Hawi's Place in Modern Arabic Poetry," Key Note address and paper on the late poet Khalil Hawi in June, 2007, delivered at the "Hawi Konferenz," an international conference to be held at the American University of Beirut in Beirut, Lebanon, June 5-8, 2007.

Booker, Keith. "The (Interdisciplinary) Future of English Studies." Talk delivered as the Keynote Address to the University of Tulsa's 2008 English Graduate Students Conference, Tulsa, Oklahoma, March 8, 2008.

Booker, Keith. "The British Boom in Science Fiction." Talk delivered at the Fayetteville Public Library, March 19, 2008.

Gordon, Joel. "The Country was Beautiful: Scenes of Egypt's Lost Cosmopolitanism," Fondation Alizes et Funcacion Tres Culturas, Essaouira, Morocco, November 2007

Gordon, Joel. "What's Playing in Cairo: Recent Egyptian Cinema" Creighton University, Fr H W Caspar Endowed Lecture, February 2008

Restrepo, Luis F. "Indigenous intellectuals and the limits of testimonio literature: Bericha and the U'wa struggle in Colombia" Kansas University, Lawrence March 27, 2008

Restrepo, Luis F. "Zoologicos y heterotopias criollas." Politecnico Grancolombiano, Bogota. Invited videoconference, Oct. 29, 2007.

Restrepo, Luis F. "Memory and Justice: Muisca Communities in Present Day Colombia" Native American Studies Across Time. Johannes Gutenberg Univeristy, Mainz, Germany. July 12, 2007. Invited lecture.

### **OTHER LECTURES AND PRESENTATIONS:**

Restrepo, Luis F. "La Fauna Cundinamarquense de Jorge Tadeo Lozano" Latin American Studies Association International Congress. Montreal, Canada. Sept. 5-8, 2007. Refereed Presentation.

Zuroski, Eugena. "From Tea to Opium: How Chinese Things Became Oriental" (ASECS 2008)

Zuroski, Eugena. "Humor, Humiliation, and the Rebirth of English Identity" (SCSECS 2008)

Kahf, Mohja. Poetry Readings.

Barnes & Noble, Rogers, Arkansas, June 5, 2008

Monroe Co. Public Library, Bloomington, Indiana, May 24, 2008

Mills College, French & Womens' Studies Depts., March 21, 2008

La Pena Community Reading Series, Berkeley, CA March 20, 2008



June Jordan Poetry for the People Center, UC Berkeley, March 19, 2008  
Florida State University, Tallahassee, FL January 25, 2008  
Global Middle East Workshop, University of North Carolina, Raleigh, NC Feb 29, 2008  
Mills College, Department of English, Oakland, CA, March 20, 2008  
June Jordan Poetry for the People Center, Berkeley, CA, March 19, 2008  
American Muslim group (AMILA), Berkeley, Hatem Bazian's Café, March 19, 2008

# WALTON COLLEGE OF BUSINESS

## **BOOKS:**

Anand, V. *Book Review from Hire to Liar: The Role of Deception in the Workplace* by David Shulman, 2008. Ganster, D. *Research in Occupational Stress and Well Being*, vol. 6: Recovery Processes, JAI: Elsevier, December 2008. Kurtz, D. *Contemporary Business* 12th Edition. Ohio: Cengage Learning, 2007. Kurtz, D., Hearsh, D. *Boone and Kurtz's Contemporary Business* (13th edition). Kurtz, D. *Contemporary Marketing*. 13th Edition. Ohio: Cengage Learning, 2008.

Kurtz, D. *Contemporary Business (update)*. Ohio: Cengage Learning, 2009. Kurtz, D. *Contemporary Business 2009 update (paperback)*. Ohio: Cengage Learning, 2009.

Kurtz, D. *Contemporary Marketing*. 2009 Edition. Ohio: Cengage Learning, 2009. Richardson, V.J., Shaw, K., Wild, J. J. *College Accounting*. USA: McGraw Hill, 2007-2008.

## **CHAPTERS:**

Anand, V., Joshi, M., Henderson, K. The Role of Organizational Practices and Routines in Facilitating Normalized Corruption.” Research companion to *The Dysfunctional Workplace: Management Challenges and Symptoms*. 2007.

## **REFEREED ARTICLES:**

Bala, H., Venkatesh, V. "Assimilation of Inter-organizational Business Process Standards." *Information Systems Research* 18, no. 3: 340-362.

Britton, C., Smith, R.S. "Corporate Dynamism." *Forum of the Association for Arid Lands Studies* 21, no.1 (2007): 76-82.

Britton, C., Gay, D., Ford, R.K. "The Market for Bottled Water in a 'Water Rich' State." *Forum of the Association for Arid Lands Studies* 22, no. 1 (2007): 66-75.

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Cronan, P., Alt, K., Kreie, J., Leonard, L. N. "Issue-Contingent Ethical Views--A Comparison Using Pathfinder Associative Networks." *Information Systems Education Journal* 5, no. 17 (2007): 3-10.

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- Farmer, A. "Negative Expected Value Suits in a Signaling Model." *Southern Economic Journal* 74, (2007): 434-447.
- Farmer, A., Kali, R. "Economic Progress, Social Regress? A Small World Approach." *Journal of Public Economic Theory* 9, no. 3 (2007): 501-519.
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- Hardgrave, B. C., Delen, D., Sharda, R. "RFID for Better Supply Chain Management Through Enhanced Information Visibility." *Production and Operations Management* 16, no. 5 (2007): 613-624.
- Horowitz, A., Trivitt, J. "Does Child Labor Reduce Crime?" *Kyklos* 60, no. 4 (2007): 559-573.

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Jandik, T., Black, E., Carnes, T., Henderson, C. "The Relevance of Target Accounting Quality to the Long-term Success of Cross-border Mergers." *Journal of Business Finance and Accounting*, 34, no.1-2 (2007): 139-168.

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Limayem, M., Fillion, G., Laferrière, T., Mantha, R. "Integrating ICT into Higher Education: A Study of Onsite vs. Online Students' Perceptions." *Academy of Educational Leadership Journal (AELJ)* 11, no. 2: 45-72.

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Limayem, M., Hendaoui, A., Thompson, C. W. "3D Social Virtual Worlds: Research Issues and Challenges." *IEEE Internet Computing* 12, no. 1 (2008).

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Malakhov, A., Vohra, R. V. "An Optimal Auction for Capacity Constrained Bidders: A Network Perspective." *Economic Theory*.

McKinney, V., Brooks, J., Hardgrave, B., O'Leary-Kelly, A.M., Wilson, D. "Women and Men in the IT Profession: Are We More Alike or Different?" *Communications of the ACM* 51, no. 2 (2008): 81.

Millar, J., Yeager, F. C. "The Recent Regulatory Response to Corporate Crime in the United States: Observations and Comments." *Economic Affairs/Blackwell Publishing, Oxford*, (2007).

Millar, J., Gilsinan, J., Harshman, E., Seitz, M., N., Yeager, F. "The Role of Private Sector Organizations in the Control and Policing of Serious Financial Crime and Abuse." *Journal of Financial Crime*, (2008).

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Peters, G., Abbott, L., Parker, S., Rama, D. "Corporate Governance, Audit Quality, and the Sarbanes-Oxley Act: Evidence from Internal Audit Outsourcing" *The Accounting Review* 82, no. 4 (July 2007): 803-835.

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Shaw, J. D., Gupta, N. "Pay System Characteristics and Quit Patterns of Good, Average, and Poor Performers." *Personnel Psychology* 60, (2007): 903-928.

Stassen, R. "Brand Advertising in Franchise Systems: Practices and Evidence from U.S. Restaurant Markets." *China WTO Tribune* (February).

Venkatesh, V., Bala, H. "Adoption of Inter-organizational Business Process Standards in Business-to-Business Integration: An Exploratory Study." *Systèmes d'Information et Management* 12, no. 2: 53-78.

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### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

Burton, S., Andrea, T. and Folse, J.G. "The Moderating Influence of Consumers' Temporal Orientation on the Framing of Societal Threats and Corporate Responses in Cause-Related Marketing Campaigns." in Marketing and Public Policy Conference Proceedings (2007), Chicago: American Marketing Association, 170-171.

Burton, S., Andrews, C. and Netemeyer, R. "Addressing Obesity: The Role of Nutrition Knowledge in Processing Caloric Ad Claims and Revised Nutrition Facts Panels," in Marketing and Public Policy Conference Proceedings (2007), Chicago: American Marketing Association, 25-26.

Bui, M., Burton, S., Howlett, E. and Kozup, J. "What Am I Drinking? An Exploration of the Effects of Serving Facts Information on Alcoholic Beverage Containers," in AMA Winter Educators' (2007).

Burton, S., Andrews, C., Plack, B. and Tangari, A. "The Potential Effects of Corrective Advertising on Consumer Beliefs Mandated by U.S. vs. Philip Morris," in Chicago: American Marketing Association Proceedings (2007).

Burton, S., and Howlett, E. "Do We Know What We Eat? Addressing the Accuracy of Calorie, Fat, and Sodium Estimates of Restaurant Items and Potential Effects of Nutrition Disclosures," in Marketing and Public Policy Conference Proceedings (2007), Chicago: American Marketing Association, 23-24.

Burton, S., and Howlett, E. "Do We Know What We Eat? Addressing the Accuracy of Calorie, Fat, and Sodium Estimates of Restaurant Items," in Marketing and Public Policy Conference (2007).

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Howlett, E., Bui, M., Burton, S., Kozup, J. "The Need to State the Obvious: The Importance of Physician-Patient Communication in Promoting Weight Loss," in Marketing and Public Policy Conference Proceedings (2007), in Chicago: American Marketing Association, 54-55.

Kees, J., Burton, S., Andrews, C. "The Effects of Graphic Visual and Text Warning Messages on Female Smokers and Nonsmokers' Attitudes toward Smoking and Purchase Intent," in European Association for Consumer Research Conference (2007).

Kopp, S., Kemp, E., Perry, V.G., Powsner, L. "Consumer Decision Making for End of Life Planning," in American Marketing Association: Marketing & Public Policy Conference Proceedings (2008), 51-55.

Kopp, S. "Protecting Retail Strategy with the Lanham Act: Managerial and Public Policy Implications," in Marketing & Public Policy Conference Proceedings (2008), 21-22.

Kopp, S. and Siemens, J.C. "The Blame Game: The Effects of Dual Entitlement on Copyright Infringement Behaviors," in Marketing & Public Policy Conference Proceedings (2008), 103-104.

Kopp, S. and Kemp, E. "End of Life Decision Making: Examining Factors that Lead to Planning," in *Advances in Consumer Research* (2007).

Kopp, S., and Kemp, E. "Examining Consumers' Attitudes about Death and Funeral Planning: A Social Marketing Approach," in *Marketing & Public Policy Conference* (2007).

Kopp, S. and Kemp, E. "Looking Ahead to Greener Pastures: Examining Consumers' Intentions to Engage in Funeral Planning," in *AMA winter Educators' Conference Proceedings* (2007).

Kopp, S., "The Influence of Death Attitudes and Knowledge of End of Life Options on Attitudes Toward Physician-Assisted Suicide," in *Marketing & Public Policy Conference*, (2007).

Norwood, J. "Hi Ho, Hi Ho, It's Off to Work We Go: The 1993 Arkansas Workers' Compensation Code and the 'Performing Work' Doctrine." *Arkansas Law Notes: Reports to the Arkansas Bar by the Faculty of the University of Arkansas School of Law, Fayetteville, Ark.* (2007): 92-107.

Yeager, T., Hall, J. "Stress Testing CRE Concentration: What Methods Are Practical?" *Commercial Lending Review* 21, no.4 (2008).

### **INVITED LECTURES:**

Aloysius, J. A. (Author Only), Hardgrave, B. C. "Does RFID Improve Inventory Accuracy? A Preliminary Analysis" Presented at Production and Operations Management Annual Meeting, Production and Operations Management Society, 2008.

Aloysius, J. A. (Author Only), Tokar, T. (Presenter & Author), Waller, M. (Author Only) "Judgment and Decision Biases in Inventory Replenishment Decisions: Framing and Anchoring Effects" Presented at INFORMS Annual Meeting, Behavioral Process Management Cluster, Seattle, Wash., 2007.

Aloysius, J. A. (Author Only). Deck, C. "Strategic Price Bundling in Competitive Markets: Complements, Substitutes, and Correlated Values" Presented at INFORMS annual meeting, Behavioral Process Management Cluster, Seattle, Wash., 2007.

Aloysius, J. A. "Decision Making Under Uncertainty: Representational and Psychometric Measures" Presented at INFORMS annual meeting, Decision Analysis Cluster, Seattle, Wash., 2007.

Anand, V., Joshi, M., Windeler, A. "Organizational Responses to Discovery of Unethical Acts and Outcomes" Presented at Annual Academy of Management, 2007.

Anand, V., Gupta, N. "Knowledge, Ignorance, and Distortion: An Expanded Representation of Belief Structures in Groups" Presented at Organizational Learning and Knowledge, London, Ontario, 2007.



Bouwman, M. "Program Learning Assurance: Lessons Learned" Presented at ASCPA Fifth Annual Accounting Educators' Conference, Arkansas State Society of CPAs, Little Rock, Ark., 2008.

Britton, C., Ford, R. K., Gay, D. "Water Quality Perceptions and Realities: Soft Water and Hard Ideas or Hard Water and Soft Ideas?" Presented at Southern Economic Association 77th Annual Conference, Southern Economic Association, New Orleans, La., 2007.

Callahan, C. (Presenter Only) "Budgets, Internal Reports and Forecast Accuracy" Presented at 2007 AAA Annual Meeting Invited Research Discussant, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter Only) "Does Harmonization of Accounting Standards Lead to the Harmonization of Accounting Practices? A Study from China" Presented at 2007 AAA Annual Meeting Invited Research Discussant, American Accounting Association, Chicago, Ill., 2007.

Davis, F. D. (Presenter & Author), "User Acceptance of Information Technology: Research Progress, Current Controversies, and Emerging Paradigms" Presented at International Conference on Electronic Business, Taipei, Taiwan, 2007.

Davis, F. D. (Presenter & Author) "User Acceptance of Information Technology: Research Progress, Current Controversies, and Emerging Paradigms" Presented at Pre-ICIS Workshop on HCI in MIS, Montreal Quebec, 2007.

Deck, C. Workshop on Using Experiments in Undergrad Education, NSF, WCOBBRL.  
Delery, J. "Driver Satisfaction" Presented at Annual Meeting, Louisiana Motor Transport Association, Baton Rouge, La., 2007.

Delery, J. "Driver Turnover and Satisfaction" Presented at Annual Meeting, Truckload Carriers Association, Las Vegas, Nev., 2007.

Delery, J. Conference, Wharton Center for Human Resources, PA, Discussant. 2007.

Dixon-Fowler, H. R., O'Leary-Kelly, A., Johnson, J., Annual Meeting, Academy of Management, "Ideology-Infused Psychological Contract Development: An Organizational- and Employee-Level Perspective" (2008).

Ellstrand, A., Anand, V. "A Knowledge Based Perspective on Board of Directors' Effectiveness" Presented at Annual Academy of Management, 2007.

Ellstrand, A., Connolly, B., Johnson, J., Tihanyi, L. "Network Perspectives Of Governance and Foreign Direct Investment: Structural Effects of Board Interlocks on Entry into China" Presented at Annual Meeting, Academy of Management, Philadelphia, Penn., 2007.

Ellstrand, A., Anand, V. "A Knowledge Based Perspective on Board of Directors' Effectiveness" Presented at Annual Meeting, Academy of Management, Philadelphia, Penn., 2007.

Ellstrand, A. Dixon-Fowler, H. R., Johnson, J. "Strength in Numbers or Guilt by Association? Intra-Group Effects of Female Chief Executive Announcements" Presented at Annual Meeting, Academy of Management, Anaheim, Calif., 2008.

Ellstrand, A., Connelly, B., Johnson, J., Thianyi, L. "Network perspectives of governance and foreign direct investment: The effects of board interlocks on entry into China" Presented at Annual Meetings, Academy of Management, Philadelphia, Penn., 2007.

Farmer, A. "Belize Community Development Program" Presented at Consortium of International Business/Economics, 2008.

Ganster, D. "Exploring Work Stress and Recovery Processes" Presented at Society for Organizational Behavior Annual Meeting, Chapel Hill, N.C., 2007.

Ganster, D. "Using Salivary Cortisol as a Marker for Job Stress" Presented at Academy of Management, Philadelphia, Penn., 2007.

Gay, D., Savin, M. "Revisiting Assessment" Presented at New Faculty Lunch & Discussion, UA Teaching & Faculty Support Center, Arkansas Union, Fayetteville, Ark., 2007.

Gay, D., Savin, M. "Revisiting Assessment" Presented at Not-So-New Faculty Lunch & Discussion, UA Teaching & Faculty Support Center, College of Ag., Food & Life Sciences Atrium, Reynolds Center, Fayetteville, Ark., 2007.

Gay, D., Savin, M. "Assessment Techniques" Presented at UA Teaching Camp, Teaching & Faculty Support Center, Rockefeller Institute, 2007.

Gay, D. "Teaching Tip: How to Improve Your Grades" Presented at UA Teaching Camp, Teaching & Faculty Support Center, Rockefeller Institute, 2007.

Gay, D. "Southern Lives of the Laureates - Hayek's Sojourn at Arkansas" Presented at Southern Economic Association 77th Annual Conference, Southern Economic Association, New Orleans, La., 2007.

Henderson, C. (Presenter Only) "Effective Use of SAS in Accounting Research" Presented at Ph.D. Research Seminar, University of Arkansas, Fayetteville, Ark., 2007.

Hardgrave, B. C. (Panelist) "Current Research Topics in RFID" Presented at Decision Sciences Institute, 2007.

Hardgrave, B. C. (Presenter & Author) "Operational Improvements with RFID: Making the Business Case for RFID" Presented at Decision Sciences Institute, Phoenix, Ariz., 2007.

Henderson, C. (Panelist) "Getting Involved" Presented at New Faculty Lunch, Cordes Teaching and Faculty Support Center, University of Arkansas, Fayetteville, Ark., 2007.

Henderson, C. (Presenter Only) "Problem Based Learning" Presented at Annual Teaching Retreat, Teaching and Faculty Support Center, University of Arkansas, Morrilton, Ark., 2007.

Horowitz, A. "The Punctuality Puzzle: Are Low Income-Income Countries in an Inefficient Punctuality Prisoner's Dilemma?" Presented at Cornell University, Economics Department Seminar Series, 2007.

Johnson, J., Brass, D., Labianca, J. "Advanced Social Networks Professional Development Workshop" Presented at Annual Meetings, Academy of Management, Philadelphia, Penn., 2007.

Jones, T. W., Andrews, R. L., Lin, B., Price, B. A., Rebman Jr., C. "How Do You Get the Message Across?" Presented at Decision Sciences Institute Annual Meeting, Phoenix, Ariz., 2007.

Littrell, R. "Fayetteville Middle School Economic Symposium" Presented at Middle School GT Symposium, BMCEE and Walton College Recruitment Office, Reynolds Center on University Campus, Fayetteville, Ark., 2007.

Littrell, R. "Economic Development: Understanding World Poverty" Presented at Dinner Seminar, NCEE, Arkansas World Trade Center in Rogers, Ark., 2007.

Littrell, R. "Economic Issues Summit - A Conference for Secondary Teachers" Presented at One Day Conference, Federal Reserve Bank of St. Louis Little Rock Branch, Reynolds Center on Campus, 2007.

Littrell, R. "No-Stop Shopping: RFID Lab Tour for Business Ed Teachers" Presented at Dinner Seminar, Economics Arkansas, RFID Lab in Fayetteville, Ark., 2007.

Miller, B. G. (Presenter & Author), Cordes, W. (Presenter & Author), Reyes, J. (Presenter & Author) "Motivating Students (Invited to present in a Camp-wide Session)" Presented at Wally Cordes Teaching and Faculty Support Center (TFSC) at the University of Arkansas, WinRock Center, Fayetteville, Ark., 2007.

Mendez, F. (Presenter & Author) "Corruption, Regulation Compliance and the Shadow Economy" Presented at Walton College, Economic Seminar Series, University of Arkansas, Fayetteville, Ark., 2007.

Mullins, J. K. (Panelist) "Synthetic Data Generation/ERPSim" Presented at Enterprise Systems Steering Committee, Sam M. Walton College of Business, Walker Hall, University of Arkansas, Fayetteville, Ark., 2007.

Nag, R., "In the Eyes of the Beholder: Managerial Beliefs about Knowledge as Drivers of Executive Scanning" Presented at Conference, Academy of Management, Anaheim, Calif., 2008.

Nag, R. "Executive knowledge schemes: The Fundamental Drivers of Managerial Scanning" Presented at Strategic Management Society, Annual Conference, Strategic Management Society, San Diego, Calif., 2007.

Nag, R., "How Knowledge Becomes a Strategic Resource: The Concept of Knowledgeable Practice" Presented at Strategic Management Society, Annual Conference, Strategic Management Society, San Diego, Calif., 2007.

Nag, R., Gioia, D. A. "The Socio-Cognitive Foundations of Inter-firm Heterogeneity in the Use of Knowledge as a Resource" Presented at Annual Conference, Academy of Management, Philadelphia, Penn., 2007.

O'Leary-Kelly, A., Lean, E., Reeves, C. "Lightening the Load or Piling More on: The Existence or Absence of Social Support in the Working Lives of Intimate Partner Violence Victims" Presented at Annual Meeting, Society of Industrial and Organizational Psychology, New York, N.Y., 2007.

O'Leary-Kelly, A., Brooks, N., King, T. B., McKinney, V. R., Wilson, D. "An Exploration of the Antecedents to Cynicism About the Information Technology Profession" Presented at Annual Meeting, Academy of Management, 2008.

O'Leary-Kelly, A., Anand, V., Henderson, K. "Working at the nexus of change: Psychological Contracts in the Bodyshopping Industry" Presented at Annual Meeting, Academy of Management, 2008.

Pincus, K. (Presenter & Author) "Introduction to the IESs" Presented at Accounting and Accountability for Regional Economic Growth, World Bank, San Salvador, El Salvador, 2008.

Pincus, K. (Presenter & Author) "International Accounting Education Standards" Presented at Deloitte/FSA Faculty Consortium, Deloitte/FSA, Chicago, Ill., 2008.

Pincus, K. (Presenter & Author) "The IAESB Framework Project" Presented at AAA International Section/IAEER Joint Conference, AAA and IAEER, San Diego, Calif., 2008.

Pincus, K. (Panelist) "Evaluating Emerging Skill Demands for Future Audit Professionals" Presented at Excellence in Audit Education Workshop, AAA Auditing Section, Austin, Tex., 2008.

Pincus, K. "Practical Experience Requirements" Presented at Professional Education and Progress of the Accounting Profession, Chinese Institute of CPAs, Beijing, China, 2007.

Reeves, C. "Preparing for the Donald W. Reynolds Governor's Cup" Presented at Business Plan Workshop, Arkansas Association of Two-Year Colleges, Little Rock, Ark., 2008.

Reeves, C. "SAKE and Entrepreneurship" classes, 2007.

Reeves, C., "Turn Off, Tune In, Drop Out (Not): Getting Students Off-line, Awake, and Engaged in Class" Presented at TFSC, University of Arkansas, Fayetteville, Ark., 2007.

Reeves, C. "Let the "E" Games Begin: The Donald W. Reynolds Governor's Cup" Presented at Annual Meeting, Arkansas Association of Two Year Colleges, Hot Springs, Ark., 2007.

Reeves, C. "Student Business Plan Competitions and Their Role in Economic Development in Arkansas" Presented at Annual Meeting, Arkansas Economic Development Council, Little Rock, Ark., 2007.

Reeves, C., Forbess, J. "Enhancing Class Discussion and Participation" Presented at Teaching Camp, Teaching and Faculty Support Center, Petit Jean, Ark., 2007.

Reyes, J. "Remittances, Inflation and Exchange Rate Regimes in Small Open Economies" Presented at Sam Houston State University, Economics Department, Seminar Series, 2008.

Reyes, J. (Presenter & Author) "International Economic Integration Using Complex Networks Indicators" Presented at International Economic Integration: New Methodologies, IVIE (Instituto Valenciano de Investigaciones Economicas), Valencia, Spain, 2008.

Reyes, J. "Remittances in Small Open Economies: Macro Effects under Various Exchange Rate Regimes" Presented at 77th Annual Meetings of the Southern Economic Association, Southern Economic Association, New Orleans, La., 2007.

Richardson, V. "Research Topic Brainstorming Sessions" Presented at AAA-IS Midyear Meeting, 2008.

Richardson, V. "Roundtable Discussion of Current AIS Topics" Presented at AAA-IS Midyear Meeting, 2008.

Robert, L. (Presenter & Author) "Lending And Getting A Helping-Hand: The Impact Of Informal Help Networks On Multiple Dimensions Of System Use" Presented at WCOB ISYS Brownbag Workshop, Walton College ISYS Department, University of Arkansas at Fayetteville, Ark., 2008.

Rosen, C., Johnson, R. E., Levy, P. E. "Coping with Strains and Breaches: Consequences of Organizational Politics" Presented at Academy of Management, Philadelphia, Penn., 2007.  
Rosen, C., Harris, K. J. "The Emotional Implications of Organizational Politics" Presented at Academy of Management, Philadelphia, Penn., 2007.

Rosen, C., Akirmak, U., Johnson, R. E. "Affect and Performance: Support for the Use of Implicit Measures" Presented at Society of Industrial and Organizational Psychologists, San Francisco, Calif., 2007.

Rosen, C., Nixon, A., Chang, C., Jackson, E., Johnson C. "Politics, Justice, and Citizenship: Does Justice Make Workers" Presented at Society of Industrial and Organizational Psychologists, San Francisco, Calif., 2007.

Sanchez, J. M. (Presenter & Author) "Accounting Restatements, Securities Litigation and the Disciplining of Chief Financial Officers" Presented at University of Arkansas Research Workshop, Department of Accounting, Sam M. Walton College of Business, University of Arkansas, Fayetteville, Ark., 2006.

Sanchez, J. M. (Presenter & Author) "Earnings Restatements, the Sarbanes-Oxley Act and the Disciplining of Chief Financial Officers" Presented at University of Arkansas Workshop, University of Arkansas, Fayetteville, Ark., 2007.

Sanchez, J. M. (Presenter & Author) "Political Costs, CEO Compensation and Managerial Power: The Case of Employee Layoffs" Presented at University of Arkansas Workshop, University of Arkansas, Fayetteville, Ark., 2007.

Shook, C. "How to Create a Successful Accounting Honors Thesis" Presented at Honors Colloquium Class, University of Arkansas, Fayetteville, Ark., 2008.

Shook, C. "Steps for Academic Success" Presented at Alpha Delta Pi Sorority Spring Scholarship Meeting, Alpha Delta Pi Sorority, University of Arkansas, Fayetteville, Ark., 2008.

Shook, C. "The Arkansas CPA Exam" Presented at Beta Alpha Psi Member Meeting, Beta Alpha Psi, University of Arkansas, Fayetteville, Ark., 2008.

Shook, C. "What Makes an Outstanding Accounting Honors Thesis" Presented at Honors Colloquium Class, University of Arkansas, Fayetteville, Ark., 2007.

Shook, C. "Accounting Trends" Presented at Arkansas Electric Cooperative Education Conference, Arkansas Electric Cooperatives, Rogers, Ark., 2007.

Shook, C., Malakhov, A., Nag, R., Sanchez, D., Sanchez, J. M. "Increasing Student Motivation During the Semester" Presented at Annual Meeting, American Accounting Association, Chicago, Ill., 2007.

Stapp, R. (Presenter & Author) "Wage Inequality in Developed Nations" Presented at Asia Pacific Economic Association Annual Meeting, Hong Kong, 2007.

Thomas, D., Fort, I. (Presenter & Author) "Types of Tests" Presented at UA Teaching Retreat, UA Cordes Teaching and Faculty Support Center, WinRock Conference Center, Fayetteville, Ark., 2007.

White, D., Lean, E. "Structuring Ethically Strong Organizational Work Teams: The Critical Role Leader Integrity Plays" Presented at Organization Science Winter Conference, Steamboat Springs, Colo., 2007.

Zweig, M. "Are You an Entrepreneurial Firm or Just a Small Business" Presented at Zweig Letter, Hot Firm Conference and Awards Celebration, Zweig White Information Systems, Boston, Mass., 2007.

Zweig, M. "Are You an Entrepreneurial Company or a Small Business?" Presented at Client Gathering, Miyamoto International, West Sacramento, Calif., 2007.

Zweig, M. "What the CEO Really Wants From HR." Presented at Zweig Letter, Best Firm to Work For Conference, ZweigWhite Information Systems, Boston, Mass., 2007.

#### **OTHER LECTURES, PAPERS, ORAL PRESENTATIONS:**

Aloysius, J. A., Davis, F. D., Venkatraman, S. "Decision under Uncertainty: The Roles of Perceived Riskiness and Perceived Ambiguity" Presented at Society for Judgment and Decision Making, Long Beach, Calif., 2007.

Britton, C., Ford, R.K. (Presenter & Author), Gay, D. "Water Quality Perceptions and Realities: Soft Water and Hard Ideas or Hard Water and Soft Ideas?" Presented at Southern Economic Association 77th Annual Conference, Southern Economic Association, New Orleans, La., 2007.

Brusa, J. (Presenter & Author), Lee, W. (Author Only), Shook, C. (Author Only) "Golden Parachutes and Managerial Incentives" Presented at Midwest Finance Association Annual Meeting, Midwest Finance Association, San Antonio, Tex., 2008.

Callahan, C. (Presenter & Author), Spencer, A. (Presenter & Author) "The Valuation and Disclosure Implications of FIN 46 for Synthetic Leases: Off-Balance Sheet Financing of Real Property" Presented at 2007 International Association for Accounting Education and Research Conference, Mexico City, Mex., 2007.

Callahan, C. (Presenter & Author), Waymire, T. (Presenter & Author) "An Examination of the Effects of Budgetary Control on Operational and Market Performance: Evidence from School Districts" Presented at 2007 American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter & Author), Gabriel, E. A. (Presenter & Author) "Firm Partnerships and Alliances: The Impact of Operating Risk Assessment On Financial and Market Performance" Presented at 2007 American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter & Author), Butler, M. (Presenter & Author) "Human Resource Outsourcing: Market and Operating Performance" Presented at 2007 American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Cronan, P., Douglas, D. E. "Innovative Use of Large Datasets in the Classroom" Presented at Decision Sciences Institute, DSI, Phoenix, Ariz., 2007.

Cronan, P., Douglas, D. E. "Microsoft Enterprise Consortium" Presented at Microsoft Academic Days Conference, Microsoft Corporation and Association for Information Systems, Orlando, Fla., 2007.

Cronan, P., Douglas, D. E. "'Hands On' Enterprise Systems and Large Scale, Real Datasets Tutorial – Available Opportunities for Academic Use" Presented at American Conference on Information Systems (AMCIS), Association for Information Systems, Keystone, Colo., 2007.

Davis, F. D. (Panelist) "Sailing to Win: Strategies for Winning the Tenure Race" Presented at Big XII+ MIS Symposium, Lawrence, Kan.

Deck, C. "Measuring Risk" Presented at seminar, University of Melbourne, 2008.

Deck, C. "Measuring Risk" Presented at seminar, University of Adelaide, 2008.

Deck, C. "Measuring Risk" Presented at seminar, University of New South Wales, 2008.

Deck, C. "Measuring Risk" Presented at seminar, Monash University, 2008.

Deck, C. "Measuring Risk" Presented at seminar, University of Canterbury, 2008.

Deck, C., Lee, J., Reyes, J. "DOND" Presented at ASSA, New Orleans, La., 2008.

Deck, C. "Sorry No CODs" Presented at Economic Science Association, Rome, Italy, 2007.

Deck, C., Farmer, A. "Arbitration and Bargaining Across the Pacific" Presented at International Association for Conflict Management, Budapest, 2007.

Deck, C. (Presenter & Author), Aloysius, J. A. (Author Only) "Competitive Bundling" Presented at INFORMS, 2007.

Deck, C. (Presenter & Author), Aloysius, J. A. (Author Only) "Competitive Bundling" Presented at Southern Economic Association, 2007.



Deck, C. (Presenter & Author), Lee, J. (Author Only), Reyes, J. (Author Only), Rosen, C. (Author Only) "Measuring Risk Controlling for Personality Traits" Presented at ESA, 2007.

Deck, C. (Presenter & Author), Farmer, A. (Author Only) Presented at Experimental Economics Association, Rome, 2007.

Deck, C. (Presenter & Author), Farmer, A. (Author Only) Presented at IACM, Budapest, 2007.

Douglas, D. E., Cronan, P., Instructional Software, (Published on the Walton Website), ISYS Dept, with Instructional Software, Development of Enterprise Systems Website, 2007.

Douglas, D. E. (Presenter & Author) "Innovative Use of Large Datasets in the Classroom: "Hand On" Decision Making Applications" Presented at 2007 Decision Sciences Institute Annual Conference, Decision Sciences, Phoenix, Ariz., 2007.

Douglas, D. E. (Presenter & Author) "Microsoft Enterprise Consortium" Presented at Microsoft Academic Days Conference, Microsoft Corporation and Association for Information Systems, Orlando, Fla., 2007.

Douglas, D. E. (Presenter & Author) "'Hands On' Enterprise Systems and Large Scale, Real Datasets Tutorial - Available Opportunities for Academic Use" Presented at Americas Conference on Information Systems, Association for Information Systems, Keystone, Colo., 2007.

Farmer, A. "Economics of Domestic Violence" Presented at Fairfield University, 2007.  
Farmer, A. (Presenter & Author), Deck, C. (Author Only) Presented at Southern Economics Association, 2007.

Finn, D. (Presenter & Author) "Moral Intensity, Ethical Reasoning, and Equitable Relief Judgments (Coauthored)" Presented at 2007 ABO Research Conference, American Accounting Association, Philadelphia, Penn., 2007.

Gay, D. "Sponsor/Advisor to Honors Thesis" Presented at Economic Scholars Program, Federal Reserve Bank of Dallas, Dallas, Tex., 2008.

Hardgrave, B. C., Aloysius, J. A., Goyal, S., Spencer, J. G. Does RFID Improve Inventory Accuracy? A Preliminary Analysis. ITRI White Paper.

Henderson, C. (Presenter & Author) "Layoffs, Political Costs and the Level and Structure of CEO Compensation" Presented at Accounting Research Conference, Oklahoma State University, Stillwater, Okla., 2008.

Henderson, C. (Presenter & Author), Masli, A. N. (Author Only), Richardson, V. (Author Only), Sanchez, J. M. (Author Only) "Layoffs, Political Costs and the Level and Structure of CEO Compensation" Presented at Department Colloquium, Department of Accounting, University of Arkansas, Fayetteville, Ark., 2007.

Henderson, C. (Presenter & Author), Kobelsky, K. (Author Only), Richardson, V. (Author Only), Smith, R. E. (Author Only) "The Value of Disclosure of IT Investments" Presented at Annual Meeting of the American Accounting Association, Chicago, Ill., 2007.

Henderson, C. (Presenter & Author), Kobelsky, K. (Presenter & Author), Richardson, V. (Presenter & Author), Smith, R. (Presenter & Author) "The Value of Disclosure of Information Technology Investments" Presented at American Accounting Association Annual Meetings, 2007.

Horowitz, A. "The Punctuality Puzzle: Are Low Income-Income Countries in an Inefficient Punctuality Prisoner's Dilemma?" Presented at Brazilian Econometric Society Annual Meetings, Econometric Society, Recife, Brazil, 2007.

Horowitz, A. "The Punctuality Puzzle: Are Low Income-Income Countries in an Inefficient Punctuality Prisoner's Dilemma?" Presented at Harvard University-NEUDC, Cambridge, Mass., 2007.

Horowitz, A. "The Punctuality Puzzle: Are Low Income-Income Countries in an Inefficient Punctuality Prisoner's Dilemma?" Presented at Latin American Economic Association Annual Meetings, LACEA-LAMES, Bogota, Colombia, 2007.

Kali, R. "Financial Contagion on the International Trade Network" Presented at Research Seminar, Department of Economics, Jabalpur University, Calcutta, India, 2007.

Kali, R. "Fit In or Be Different? Individual Versus Group Identity" Presented at Research Seminar, Economics Department, University of Arkansas, Fayetteville, Ark., 2007.

Maruping, L. M. (Presenter & Author), Agarwal, R. (Author Only), Venkatesh, V. (Author Only) "Control, Agile Methodology Use, and Changing User Requirements: A Longitudinal Field Study" Presented at Information Systems Research - Special Issue: Flexible and Distributed Information Systems Development, Information Systems Research, Limerick, Ireland, 2008.

Mullins, J. K. (Presenter Only) "ERPSim Faculty Workshop" Presented at ERPSim Faculty Workshop, Sam M. Walton College of Business, University of Arkansas, Fayetteville, Ark., 2007.

Norwood, J. "Failure to Implement Stop Payment Orders" Presented at ALSB National Meeting, Indianapolis, Ind., 2007.

Peters, G. (Presenter & Author), Abbott, L. (Presenter & Author), Parker, S. "Agency-Based Demand for Audit Quality: The Impact of Disclosure-Imposed Agency Costs on Non-Audit Services" Presented at 2007 American Accounting Association Annual Meeting, American Accounting Association, Chicago, Ill., 2007.

Peters, G. (Presenter & Author), Abbott, L. (Presenter & Author), Parker, S. (Presenter & Author) "Whose Internal Audit Department Is It? The Impact of Audit Committee Dominion on the Nature of Internal Audit Department Activities" Presented at 2007 American Accounting Association Annual Meeting, American Accounting Association, Chicago Ill., 2007.

Peters, G. (Presenter & Author), Lopez, D. (Presenter & Author) "The Impact of Workload Compression on Busy Season Auditor Switches" Presented at 2007 American Accounting Association Meeting, American Accounting Association, Chicago Ill., 2007.

Reyes, J. (Presenter & Author) "Remittances, Inflation and Exchange Rate Regimes in Small Open Economies" Presented at Eighth Annual Missouri Economics Conference, Columbia and the Federal Reserve Bank of St. Louis, University of Missouri, Columbia, Mo., 2008.

Reyes, J. (Author Only), Deck, C. (Presenter & Author), Rosen, C. (Author Only) "Measuring Risk Attitudes Controlling for Personality Traits" Presented at American Economic Association Meetings 2008, American Economic Association, New Orleans, La., 2008.

Richardson, V. "Information Technology Investments and CEO Compensation" Presented at AAA-IS Midyear Meeting, 2008.

Richardson, V. "The Relevance of Information Technology Expenditures" Presented at AAA-IS Midyear Meeting, 2008.

Richardson, V. "Discussant "Does IT Human Resource Matter? An Empirical Study on the Nonlinear Relations Among Strategic IT Professionals, Investment Intensity and Firm Performance" Presented at AAA-IS Midyear Meeting, 2008.

Richardson, V. "Discussion of "IT Innovation Persistence"" Presented at University of Waterloo CISA, 2007.

Richardson, V. (Presenter & Author), Kobelsky, K. (Presenter & Author), Smith, R. (Presenter & Author), Zmud, R. (Presenter & Author) "Determinants and Consequences of Information Technology Budgets" Presented at American Accounting Association Annual Meetings, 2007.

Riemenschneider, C. K., Armstrong, D. J. "RFID Assimilation Hierarchy" Presented at HICSS-2007, Kona, Hawaii, 2007.

Riemenschneider, C. K. "Panel Presentation on Women in IT from Arkansas" Presented at IT Summit, Little Rock, Ark., 2007.

Riemenschneider, C. K. (Presenter & Author), Allen, M. (Author Only), Armstrong, D. J. (Presenter & Author), Reid, M. (Author Only) "Barriers IT Employees Face - A Gender Perspective" Presented at AMCIS, Colorado State University, Keystone, Colo., 2007.

Riemenschneider, C. K. (Presenter & Author), Armstrong, D. J. (Presenter & Author), Hardgrave, B. C. (Presenter & Author) "Finding Business Value with RFID: A Map to the Elusive Treasure" Presented at AMCIS, Colorado State University, Keystone, Colo., 2007.

Riemenschneider, C. K. (Presenter & Author), Armstrong, D. J. (Presenter & Author), Hardgrave, B. C. (Presenter & Author) "Is There a Business Case for RFID?" Presented at AMCIS, Colorado State University, Keystone, Colo., 2007.

Riemenschneider, C. K. (Presenter & Author), Allen, M. (Presenter & Author), Armstrong, D. J. (Presenter & Author), Reid, R. (Presenter & Author) "Lessons Learned from Conducting Interdisciplinary IT Workforce Research" Presented at SIGMIS Computer Personnel Research Conference, ACM Special Interest Group on MIS, St. Louis, Mo., 2007.

Robert, L. (Author Only) "Diversity and Conflict in Teams: A Fault Line Model Perspective" Presented at 2008 Academy of Management Annual Meeting, Academy of Management, Anaheim, Cali., 2008.

Robert, L. "Social Capital and Knowledge Integration in Digitally Enabled Teams" Presented at Information Systems Research Special Issue Workshop, Information Systems Research, College Park, Md., 2007.

Sanchez, J. M. "Corporate Restructuring Quality and CEO Compensation" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Earnings Restatements, the Sarbanes-Oxley Act and the Disciplining of Chief Financial Officers" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Information Technology Expenditures and CEO Compensation" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Social Responsibility and Corporate Reputation: The Case of the Arthur Andersen Enron Audit Failure" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Shook, C. (Author Only), Parker, A. (Presenter & Author) "The Advising Compass: Helping Students Find True North through the First Year Experience" Presented at National Academic Association National Conference, NACADA, Baltimore, Md., 2007.

Shook, C. (Presenter & Author), Malakhov, A. (Author Only), Nag, R. (Author Only), Sanchez, D. (Presenter & Author), Sanchez, J. M. (Presenter & Author) "Increasing Student Motivation During the Semester" Presented at American Accounting Association Annual Meeting, American Accounting Association, Chicago, Ill., 2007.

Venkatesh, V. "Social Networks" Presented at City University of Hong Kong, 2007.

Venkatesh, V. "Social Networks" Presented at Hong Kong Polytechnic University, 2007.

Venkatesh, V. "Business Process Standards: Deployment, Readiness, and Success" Presented at MIT, 2007.

Venkatesh, V. "Social Networks" Presented at Rensselaer Polytechnic Institute, 2007.

Venkatesh, V. "Social Networks" Presented at University of Maryland, 2007.

Venkatesh, V. "ICT Services and Consumer Migration" Presented at University of Minnesota, 2007.

#### **OTHER INTELLECTUAL ENDEAVORS:**

Kurtz, D. *Complete Instructional Package*. 2007.

Yeager, T. *Commercial Real Estate Portfolio Stress Testing*. Little Rock, Ark.: The Arkansas Banker, 2007.

#### **BOOKS:**

Wild, J. J., Richardson, V., Shaw, K. *College Accounting*. USA: McGraw Hill, 2007/2008.

#### **REFEREED ARTICLES:**

Abbott, L., Parker, S., Peters, G., Rama, D. "Corporate Governance, Audit Quality, and the Sarbanes-Oxley Act: Evidence from Internal Audit Outsourcing." *The Accounting Review* 82, no. 4 (July 2007): 803-835.

Norwood, J. "Failure to Implement a Stop Payment Order: Who Bears the Loss." *Banking Law Journal* 124, no. 9 (2007): 845-855.

## **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

Norwood, J. "Hi Ho, Hi Ho, It's Off to Work We Go: The 1993 Arkansas Workers' Compensation Code and the 'Performing Work' Doctrine." Arkansas Law Notes: Reports to the Arkansas Bar by the Faculty of the University of Arkansas School of Law, Fayetteville, Ark. (2007): 92-107

## **INVITED LECTURES:**

Boston, K., Shook, C. "Advising as a Faculty Member" Presented at Accounting Doctoral Seminar, University of Arkansas, Fayetteville, Ark., 2007.

Bouwman, M. "Program Learning Assurance: Lessons Learned" Presented at ASCPA Fifth Annual Accounting Educators' Conference, Arkansas State Society of CPAs, Little Rock, Ark., 2008.

Callahan, C. (Presenter Only) "Budgets, Internal Reports and Forecast Accuracy" Presented at 2007 AAA Annual Meeting Invited Research Discussant, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter Only) "Does Harmonization of Accounting Standards Lead to the Harmonization of Accounting Practices? A Study from China" Presented at 2007 AAA Annual Meeting Invited Research Discussant, American Accounting Association, Chicago, Ill., 2007.

Henderson, C. (Presenter Only) "Effective Use of SAS in Accounting Research" Presented at Ph.D. Research Seminar, University of Arkansas, Fayetteville, Ark., 2007

Henderson, C. (Panelist) "Getting Involved" Presented at New Faculty Lunch, Cordes Teaching and Faculty Support Center, University of Arkansas, Fayetteville, Ark., 2007.

Henderson, C. (Presenter Only) "Problem Based Learning" Presented at Annual Teaching Retreat, Teaching and Faculty Support Center, University of Arkansas, Morrilton, Ark., 2007.

Pincus, K. (Presenter & Author) "Introduction to the IESs" Presented at Accounting and Accountability for Regional Economic Growth, World Bank, San Salvador, El Salvador, 2008.

Pincus, K. (Presenter & Author) "International Accounting Education Standards" Presented at Deloitte/FSA Faculty Consortium, Deloitte/FSA, Chicago, Ill., 2008.

Pincus, K. (Presenter & Author) "The IAESB Framework Project" Presented at AAA International Section/IAEER Joint Conference, AAA and IAEER, San Diego, Calif., 2008.

Pincus, K. (Panelist) "Evaluating Emerging Skill Demands for Future Audit Professionals" Presented at Excellence in Audit Education Workshop, AAA Auditing Section, Austin, Tex., 2008.

Pincus, K. "Practical Experience Requirements" Presented at Professional Education and Progress of the Accounting Profession, Chinese Institute of CPAs, Beijing, China, 2007.

Shook, C. "Accounting Trends" Presented at Arkansas Electric Cooperative Education Conference, Arkansas Electric Cooperatives, Rogers, Ark., 2007.

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Thomas, D., Fort, I. (Presenter & Author) "Types of Tests" Presented at UA Teaching Retreat, UA Cordes Teaching and Faculty Support Center, WinRock Conference Center, Fayetteville, Ark., 2007.

#### **OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:**

Shook, C. (Author Only), Brusa, J. (Presenter & Author), Lee, W. (Author Only) "Golden Parachutes and Managerial Incentives" Presented at Midwest Finance Association Annual Meeting, Midwest Finance Association, San Antonio, Tex., 2008.

Callahan, C. (Presenter & Author), Spencer, A. (Presenter & Author) "The Valuation and Disclosure Implications of FIN 46 for Synthetic Leases: Off-Balance Sheet Financing of Real Property" Presented at 2007 International Association for Accounting Education and Research Conference, Mexico City, Mex., 2007.

Callahan, C. (Presenter & Author), Waymire, T. (Presenter & Author) "An Examination of the Effects of Budgetary Control on Operational and Market Performance: Evidence from School Districts" Presented at 2007 American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter & Author), Gabriel, E. A. (Presenter & Author) "Firm Partnerships and Alliances: The Impact of Operating Risk Assessment On Financial and Market Performance" Presented at American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Callahan, C. (Presenter & Author), Butler, M. (Presenter & Author) "Human Resource Outsourcing: Market and Operating Performance" Presented at 2007 American Accounting Association Annual Meetings, American Accounting Association, Chicago, Ill., 2007.

Finn, D. (Presenter & Author) "Moral Intensity, Ethical Reasoning, and Equitable Relief Judgments (Coauthored)" Presented at ABO Research Conference, American Accounting Association, Philadelphia, Penn., 2007.

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Henderson, C. (Presenter & Author), Kobelsky, K. (Author Only), Richardson, V. (Author Only), Smith, R. E. (Author Only) "The Value of Disclosure of IT Investments" Presented at Annual Meeting of the American Accounting Association, Chicago, Ill., 2007.

Henderson, C. (Presenter & Author), Kobelsky, K. (Presenter & Author), Richardson, V. (Presenter & Author), Smith, R. (Presenter & Author) "The Value of Disclosure of Information Technology Investments" Presented at American Accounting Association Annual Meetings, 2007.

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Richardson, V. "Information Technology Investments and CEO Compensation" Presented at AAA-IS Midyear Meeting, 2008.

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Richardson, V. "Discussant "Does IT Human Resource Matter? An Empirical Study on the Nonlinear Relations among Strategic IT Professionals, Investment Intensity and Firm Performance" Presented at AAA-IS Midyear Meeting, 2008.

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Sanchez, J. M. "Corporate Restructuring Quality and CEO Compensation" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Earnings Restatements, the Sarbanes-Oxley Act and the Disciplining of Chief Financial Officers"" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Information Technology Expenditures and CEO Compensation" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Sanchez, J. M. "Social Responsibility and Corporate Reputation: The Case of the Arthur Andersen Enron Audit Failure" Presented at 10th International Congress on Innovations in Teaching Accounting and Business and the International Research Conference for Accounting Educators, International Section of AAA, Mexico City, Mex., 2007.

Shook, C. (Author Only), Parker, A. (Presenter & Author) "The Advising Compass: Helping Students Find True North through the First Year Experience" Presented at National Academic Association National Conference, NACADA, Baltimore, Md., 2007.

Shook, C. (Presenter & Author), Malakhov, A. (Author Only), Nag, R. (Author Only), Sanchez, D. (Presenter & Author), Sanchez, J. M. (Presenter & Author) "Increasing Student Motivation During the Semester" Presented at American Accounting Association Annual Meeting, American Accounting Association, Chicago, Ill., 2007.

## **ECONOMICS**

### **REFEREED ARTICLES:**

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Riemenschneider, C. K. (Presenter & Author), Allen, M. (Author Only), Armstrong, D. J. (Presenter & Author), Reid, M. (Author Only) "Barriers IT Employees Face - A Gender Perspective" Presented at AMCIS, Colorado State University, Keystone, Colo., 2007.

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Ellstrand, A., Connolly, B., Johnson, J., Tihanyi, L. "Network Perspectives Of Governance and Foreign Direct Investment: Structural Effects of Board Interlocks on Entry into China" Presented at Annual Meeting, Academy of Management, Philadelphia, Penn., 2007.

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- Moiseichik, M., (2007). Signage: An important step to risk management. *The Quarterly*.
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- Stotsky, S. (2008). The Massachusetts math wars. *Prospects*, June 27.
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- Stotsky, S. (2008). How to strengthen K-12 mathematics education in Massachusetts: *Implications of the national mathematics advisory panel's report*. The Pioneer Institute, June.
- Stotsky, Sandra. (2007). Teacher licensure tests: Their relationship to mathematics teachers' academic competence and student achievement in mathematics. *Education Working Paper Archive*, September 5.
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Wolf, P.J. (2007). Academic improvement through regular assessment. *Peabody Journal of Education*, 82(4), 690-702.

Wolf, Patrick J. (2008). The comprehensive longitudinal evaluation of the Milwaukee parental choice program: Summary of baseline reports. *SCDP Milwaukee Evaluation Report*, February.

Wolf, Patrick J. (2008). Vouchers. *The International Encyclopedia of Education*, McCulloch and Crook (eds.), London: Routledge.

Wolf, P. J., Gutmann, B., Puma, M., Kisida, B., Rizzo, L., and Eissa, N.O. (2008). Evaluation of the DC opportunity scholarship program: Impacts after two years. *U.S. Department of Education, Institute for Education Sciences, National Center for Education Evaluation and Regional Assistance, Washington, DC: U.S. Government Printing Office*, NCEE 2008-4023, June 12.

### **INVITED LECTURES:**

Barta, K., *Evidence-based practice for nurse managers*, Siloam Springs Hospital, Siloam Springs, AR.

Barta, K. *Estimating the supply of and demand for bilingual nurses in NWA*. Minority Health Care Conference, Springdale, AR.

Barta, K., Neighbors, & M. Lloyd, M. (2007). *Parental home life behavior changes due to knowledge of children's body mass index (BMI)*. National Association of School Nurses Annual Conference, Nashville, TN.

Barta, K., Neighbors, & M., Lloyd, M. (2007). *Parental home life behavior changes due to knowledge of children's body mass index (BMI)*. Arkansas Nurses Association Convention, Rogers, AR.

Barta, K., Neighbors, & M., Lloyd, M. *Parental home life behavior changes due to knowledge of children's body mass index (BMI)*. Sigma Theta Tau International 39th Biennial Convention, Baltimore, MD.

Benton, G. M., (March 2008). *Adventures in outdoor recreation and Native American culture*. Highlands Chapter of the Ozark Society, Fayetteville, AR.

Buron, B., *Looking beyond essential needs: Using the personhood model to improve dementia care in nursing homes*. 17th Annual Nursing Research Conference sponsored by Pi Theta Chapter of Sigma Theta Tau International, Springdale, AR.

- Costrell, Robert M. (June 2008). *Pension policy and teacher quality*. Texas Commissioner of Education.
- DiBrezzo, R. & Mayes, S. (February 2008). *Parent panel discussion*, National Girls & Women in Sport Day Clinic, University of Arkansas, Fayetteville, AR.
- Forbess, J., & Reeves, C. (July 2007). *Enhancing class discussion and participation*. University of Arkansas Teaching and Faculty Support Center Retreat, Petit Jean, AR.
- Fort, I. & Thomas, D., (July 2007). *Types of tests*. Teaching and Faculty Support Center Teaching Retreat, WinRock Conference Center, Morrilton, AR.
- Gorman, D. & Kern, J., (July 2007). *Exercise, nutrition, and dietary tips for faculty illustrating different teaching strategies*. University of Arkansas Teaching Camp, Petit Jean, AR.
- Greene, J. P. (October 2007). *College readiness: The problem with the pipeline*. The Southwest Association of Institutional Research.
- Greene, J. P. (October 2007). *Does court intervention in education spending contribute to student achievement?* The Show-Me Institute.
- Greene, J. P. (November 2007). *Education myths*. New York University.
- Greene, Jay P. (November 2007). *How can philanthropy improve education*. The Conference of Southwest Foundations.
- Greene, J. P. (February 2008). *Competition works – even in education*. University of Colorado.
- Greene, J. P. (February 2008). *Little Rock merit pay*. Vanderbilt University.
- Greene, J. P. (May 2008). *Little Rock merit pay*. CESifo Munich and the Program on Education Policy and Governance (PEPG), Harvard University.
- Greene, J. P. (February 2008). *Teacher pay and student achievement*. Donnell-Kay Foundation.
- Holley, M.J., Ritter, G.W., & Riffel, B.R. (November 2007). *The role of interest groups in shaping merit pay policy in Arkansas*. Association for Public Policy Analysis and Management. Washington, DC.
- Mayes, S., (May 2008). *Invitation to state p.e.o. convention...choreography and performance*. Arkansas Tech University, Russellville, AR.
- Neighbors, M., (2007) *Stress management on the job*. School Nurse Summer Institute, Springdale, AR.

Ritter, G. W. (August 2007). *Classrooms of the 21st Century: Bentonville School District pilot program*, Bentonville, Arkansas School District.

Ritter, G. W. (September 2007). *Implementing merit pay, overcoming the obstacles: Lessons from the Field*. Florida Department of Education, Tallahassee, FL.

Ritter, G.W. (August 2007). *Implementing merit pay, overcoming the obstacles: Lessons from the Field*. Oklahoma State Legislature, Oklahoma City, OK.

Ritter, G.W. (July 2007). *Implementing performance pay in Arkansas, overcoming the obstacles: lessons from the achievement challenge pilot project*. Beverly Williams, Assistant Commissioner, Human Resources/Licensure, Arkansas Department of Education.

Ritter, G. W. (July 2007). *Implementing performance pay, overcoming the obstacles: lessons from the achievement challenge pilot project*. New York State Association of Management Advocates for School Labor Affairs, 30th Annual Summer Conference, Saratoga Springs, NY.

Ritter, G. W. (October 2007). *Making evidence matter: How private funding fuels research*. Arkansas General Assembly Joint Education Committee, University of Arkansas.

Ritter, G.W. (February 2008). *Can merit pay work? Lessons from Little Rock*. Roundtable at Annual Conference of the Arkansas Political Science Association, Fayetteville, AR.

Smith-Nix, A., (2007). *Developing and programming quizzes on WebCT & Blackboard*. University of Arkansas Teaching Camp, Petit Jean, AR.

Smith-Nix, A., (2008). *How to teach geo-mats fitness and games*. Springdale Public Schools, Physical Education Curriculum In-Service.

Wolf, P.J. (July 2007). *Evaluation of the DC opportunity scholarship program: strategies, challenges, and results after one year*. U.S. Department of Education Regional Education Labs Director's Meeting, Washington, DC.

Wolf, P.J. (February 2007). *The comprehensive longitudinal evaluation of the Milwaukee parental choice program: Summary of baseline reports*. Wisconsin State Capitol, Madison, WI.

Wolf, P.J. (October 2007). *The opportunity scholarship program: Second year impacts*. Briefing to the senior staff of the Institute for Education Sciences, U.S. Department of Education, Washington, DC.

Wolf, P. J. (April 2008). *Road map for school voucher programs*. South Carolina State Superintendent of Education, Columbia, SC.

## **OTHER LECTURES, PAPERS, AND PRESENTATIONS:**

Adams-Blair, H.R., & Oliver, G.D., (2007). *Integration of physical activity into the daily classroom setting for elementary children*. American Academy of Pediatrics National Conference & Exhibition; San Francisco, California. *Abstract Oded Bar-Or Award Recipient*.

Airola, D., Mulvenon, S., Holaway-Johnson, C. & Stegman, C. (July, 2007). *Educational Intelligence Quotient (EIQ), What is it and how can having a high EIQ make a difference in Student performance?* Annual Summer Conference, National Center for Educational Statistics for Management Information Systems, Washington, DC.

Airola, D., Mulvenon, S., Stegman, C., & Holaway-Johnson, C. (September 2007). *IDEAS: Institute for developing excellence in Arkansas schools*. Council of Chief State School Officers Education Leaders Conference, St. Louis, MO.

Airola, D., Mulvenon, S., Holaway-Johnson, C., & Stegman, C. (July 2007). *Educational intelligence quotient(EIQ), What is it and how can having a high EIQ make a difference in student performance?* National Center for Educational Statistics Data Conference, Washington, D.C.

Baghurst, T. & Calleja, P. C. (November 2007). *Rationale for enrolling in a kinesiology major at a division one university*. Arkansas Association for Health, Physical Education, Recreation, and Dance Conference, Eureka Springs, AR.

Beck, J., & Biggs, J. (June 2007). *What is it like to be a member of cohort ten, a blended technology HRD program serving undergraduate students in rural communities in Arkansas, U.S.A.?* Eighth International Conference on HRD Research and Practice Across Europe Oxford, United Kingdom.

Benton, G., (November 2007). *Assessment of four management goals in selected national park service interpretive programs*. National Association for Interpretation (NAI), National Conference, Wichita, KS.

Benton, G., (June 2008). *Staff and visitor perceptions of cultural resource management at three National Park Service sites*. International Symposium for Society and Resource Management International Conference. Burlington, VT.

Benton, G., (May 2008). *Techniques for interpreting indigenous cultures at selected National Park Service sites*, National Association for Interpretation International Conference, Sokcho, Korea.

Bowles, F., Lincoln, F., & Shiga, K. (November 2007). *The role of portfolios in teaching*. Southern Association of Teacher Educators, St. Louis, MO.



Bowles, F., Lincoln, F., & Shiga, K. (November 2007). *Fluency vs. accuracy-The communicative approach based on the constructivist perspective*. South East Region of Teaching English to Speakers of Other Languages, Louisville, KY.

Biggs, B., & Beck, J. (March 2008). *To grant or not to grant?* Academy of Human Resource Development Pre-Conference Session, Indianapolis IN.

Biggs, B. (June 2008). *Pre-K leadership teams*. National Association for the Education of Young Children, Pittsburgh, PA

Biggs, B. (April 2008). *Facilitating adult learning in CCOT & CC*. Child Care Orientation Training and Caregiver Certificate Trainers, Plumerville, AR.

Biggs, B. (July 2007). *Pre-K early literacy learning in Arkansas train the trainers*. Ferndale, AR.

Biggs, B. (October 2007). *An overview: Pre-K social emotional learning*. Arkansas Early Childhood Association, Hot Springs, AR.

Capps, M. A., & Holt, C. R. (August 2007). *Followership as a function of teaching*. National Conference of Professors of Educational Administration, Chicago, IL.

Costrell, Robert M. (May 2008). *Pension policy and teacher quality*. Regional Education Lab Southwest Discussion Forum, Washington, D.C. Attended by representatives of National Governors Association, Council of Chief State School Officers, National Council of State Legislators.

Costrell, Robert M. (October 2008). *What do cost functions tell us about the cost of an adequate education? From equity to adequacy to choice: Perspectives on school finance and school finance litigation*. Show-Me Institute and the Truman School of Public Affairs, University of Missouri-Columbia, (also Carnegie-Mellon University seminar, Department of Economics and Heinz Public Policy School, December, 2007; and American Education Finance Association, Denver, April, 2008).

Daugherty, M. (2007). *Standards, curriculum, and event creep*. 54<sup>th</sup> Annual meeting of the Southeastern Regional Association of Teacher Educators. St. Louis, MO.

Daugherty, M. (2007). *Advanced manufacturing technology*. Arkansas Department of Workforce Education Manufacturing Conference. Little Rock, AR.

Daugherty, M. (2007). *Foundations of technology*. Tulsa Public Schools/Oklahoma Department of Career & Technical Education, Tulsa, OK.

DeLorey, D. S., Buckwalter, J. B., Middelstadt, S., Anton, M. M., Kluess, H. A., Clifford, P. S., (April 2008). *Adrenergic receptor mediated tonic vasoconstriction is not increased in skeletal muscle of older beagles*. Experimental Biology Annual Manual, San Diego, CA.

DeLorey, D. S., Buckwalter, J. B., Middelstadt, S., Anton, M. M., Kluess, H. A., Tune, J. D., Clifford, P. S., (April 2008). *Responsiveness and density of  $\alpha$ -adrenergic receptors in skeletal muscle of young and old beagles*. Experimental Biology Annual Meeting, San Diego, CA.

DiBrezzo, R., Fort, I., Oliver, G., & Adams-Blair, H., (April 2008). *Bone health for athletes of all ages*. AAHPERD Convention & Exposition. Fort Worth, TX.

Eisenhauer, J. A., Kluess, H. A., Delorey, D. S., Buckwalter, J. B., Clifford, P. S., (April 2008). *Gender differences in heat-induced attenuation of vasoconstriction*. Experimental Biology Annual Meeting, San Diego, CA.

Elledge, L. C., Faith, M., Ogle, N. T., Harris, A. R., Newgent, R. A., & Cavell, T. A. (November 2007). *Sibling relationship quality: Links to child victimization*. Association for Behavioral and Cognitive Therapies 41<sup>st</sup> Annual Convention, Philadelphia, PA.

Faith, M., Elledge, L. C., Parsons, C. J., Newgent, R. A., Ogle, N. T., & Cavell, T. A. (November 2007). *Dominance across settings: The relation between sibling dominance and peer victimization*. Association for Behavioral and Cognitive Therapies 41<sup>st</sup> Annual Convention, Philadelphia, PA.

Farley R.C., (November 2007), *Answers to frequently asked questions about counselor licensure*. Arkansas Counseling Association Annual Conference, Hot Springs, AR.

Freeman, J. P. (November 2007). *Reconciling the literature with professional judgement: An evaluation of assessment in higher education*. Mid-South Educational Research Association Annual Conference, Hot Springs, AR.

Freeman, J. P. (February 2008). *Daring leadership: A new perspective to guiding staff and student leaders*. National Orientation Directors Annual Conference, Boston, MA.

Freeman, J. P. (March 2008). *The American community college: Its history, mission, and philosophy*. NASPA Student Services Professional Leadership Development Institute, Bentonville, AR.

Freeman, J. P. (March 2008). *The community college student: Demographics, characteristics, and trends*. NASPA Student Services Professional Leadership Development Institute, Bentonville, AR.

Gartin, B. C., Terrell, E., & Martindale, R. A. (November 2007). *Anchoring instruction in online courses*. 30th Annual Teacher Education Division National Conference. Milwaukee, WI.

Gartin, B. C., Terrell, E., & Martindale, R. A. (September 2007). *Anchoring instruction in online courses*. Arkansas Association of Teacher Educators. Conway, AR.

Gibson, J. & Eilers, L. (November 2007). *Celebrate learning about advocacy for all students*. 32nd International Reading Association Regional Conference. Little Rock, AR.

Gibson, J. & Eilers, L. (November 2007). *Celebrate meeting with a legislator*. 32nd International Reading Association Regional Conference. Little Rock, AR.

Goering, C. Z. (November 2007). *Dramatic oral reading fluency activities in the secondary classroom*. Arkansas Curriculum Conference, Little Rock, AR.

Goering, C. Z. (November 2007). *Adolescent literacy through adolescent literature?* Arkansas Curriculum Conference, Little Rock, AR.

Goering, C. Z. (November 2007). *This ain't no ghetto class: A study of the social context of ninth graders' participation in oral reading fluency activities*. Mid South Educational Research Association's Annual Conference, Hot Springs, AR.

Goering, C. Z. (November 2007). *Springsteen, Steinbeck, and the Bastard Sons of Johnny Cash: Connecting music to literature*. National Council of Teachers of English National Convention, New York NY.

Goering, C. Z. (October 2007). *What are the conditions that promote dramatic oral reading fluency in a high school classroom?* Annual Conference of the Kansas Association of Teachers of English, Wichita, KS.

Gray, M., Di Brezzo, R., Fort, I., Lirgg, C., Riggs, C., & Shadden, B. (April 2008). *Effects of power and resistance training on bone mineral density*. AAHPERD, Fort Worth, Texas.

Gray, M., Powers, M., Di Brezzo, R., Shadden, B., & Fort, I. (April 2008). *Comparison of methods to assess abdominal adiposity*. AAHPERD, Fort Worth, Texas.

Hagstrom, F., McGehee, M., & Aslin, L. (November 2007). *Meeting undergraduate university standards with KASA-based collaborative learning and teaching*. Annual convention of the American Speech-Language-Hearing Association, Boston, MA.

Hagstrom, F., Shadden, B.B., Baker, K., & Associates. (November, 2007) *Undergraduate research: The write stuff*. Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.

Hammons, J. (November 2007). *Factors affecting student performance - and how to influence them*. 27th International Lily conference on College Teaching: Marcum Conference, Miami University, Oxford, OH.

Hammons, J. (November 2007). *Grading your grading plan*. 27th International Lily conference on College Teaching: Marcum Conference, Miami University, Oxford, OH.

Hammons, J. (November 2007). *The \$100 million achieve the dream initiative: Its promises and potentials*. 27th International Lily conference on College Teaching: Marcum Conference, Miami University, Oxford, OH.

Hammons, J. (May 2008). *Factors affecting student performance and how to influence them*. National Institute for Staff and Organizational Development, Austin, TX.

Hammons, J. (May 2008). *Optimizing the use of part-time faculty*. National Institute for Staff and Organizational Development, Austin, TX.

Hammons, J. (May 2008). *What does it take to be a successful chair?* National Institute for Staff and Organizational Development, Austin, TX.

Hammons, J., King, M., & Watts, G. (February 2008). *Using COPS to enhance faculty buy-in: Achieving the dream initiative*. Achieving the Dream Strategy Institute, Atlanta, GA.

Harris, A. R., Elledge, L. C., Cavell, T. A., & Newgent, R. A. (May 2008). *Predicting peer victimization: Physical appearance, athletic competence, and gender*. 16<sup>th</sup> Annual Meeting of the Society for Prevention Research, San Francisco, CA.

Hazelrigs, J. & Hoover, M., (April 2008). *Sessions of success*. National Intramural Sports Association Annual Conference. Austin, TX.

Helms, K. & Battjes, J., (February 2008). *I AM Recreational Sports: Making staff training meaningful*. Arkansas Recreation and Parks Association Annual Conference. Eureka Springs, AR.

Higgins, K.K., & Boughfman, E.M. (November 2007). *Introduction to sand tray counseling*. Arkansas Counseling Association State Conference, Hot Spring, AR.

Higgins, K. K., & Dahlia, D., & Hogan, M. (November 2007). *Career counseling in the wake of a natural disaster*. Arkansas Counseling Association State Conference, Hot Spring, AR.

Hinckley, J., Shadden, B. B., et al. (November 2007). *Intervention & the life story: Clinical examples across the lifespan*. Division 15, Annual Convention of the American Speech-Language-Hearing Association, Boston, MA.

Holaway-Johnson, C., Stegman, C., Airola, D., Fritts-Scott, K., & Mulvenon, S. (January 2008). *Does gender still matter? Student achievement in mathematics and literacy*. International Conference On Education, Honolulu, HI.

Hollaway-Johnson, C., Stegman, C., Beshears, C., Fritts-Scott, K., & Mulvenon, S. (January 2008) *Identification of district level practices related to student achievement*. Hawaii International Conference on Education, Honolulu, HI.

Hollaway-Johnson, C., Stegman, C., Beshears, C., Mulvenon, S., Truelove, J., & Fritts-Scott, K. *Arkansas Best Practices Studies: Implications for School Improvement*. Presentation at the Annual conference of the American Educational Research Association, Chicago, Illinois, April, 2007.

Holt, C. R. (October 2007). *School bond success: An exploratory case study*. International Conference For Educational Planning, Minneapolis, MN.

Imbeau, M. & Eilers, L. (November 2007). *Celebrate talented readers: opportunities for differentiated literacy*. 32nd International Reading Association Regional Conference. Little Rock, AR.

Jones, C., (January 2008). *A qualitative study to determine the diabetes management in the elementary school*. Sixth International Conference on Education, Honolulu, Hawaii.

Kent, Laura (April 2008). *Assessing Teachers' Knowledge of Students' Mathematical Thinking Processes*. National Council of Teachers of Mathematics, Salt Lake City, UT.

Kern J. C. & Calleja, P. C., (May 2008) *Let's play three on three*. Teaching Games for Understanding International Conference, Vancouver, BC Canada.

Kern J. C. & Calleja, P. C., (January 2008). *Online courses in higher education curriculum*. National Association for Kinesiology and Physical Education in Higher Education, Albuquerque, NM.

Kern J. C., Calleja, P. C., & Hunt, S. B., (November 2007). *An online master's degree in physical education*. Arkansas Association for Health, Physical Education, Recreation, and Dance conference, Eureka Springs, AR.

Kirkpatrick, LaVonne (November 2007). *Strategies for recruiting minority students*. (with Felicia Lincoln and Linda Morrow) 54th Annual Conference of the Southeastern Association of Teacher Educators, St. Louis, MO.

Kissinger, D.B. (2007). *Anxiety in supervision: Implications for supervisors and counselors in training*. Arkansas State Endorsed LAC Supervisors, Site Supervisors and Counselors in Training, University of Arkansas, Fayetteville, AR.

Kissinger, D. B. (2007). *Mood disorders: Implications for athletic trainers*. Graduate Students in Athletic Training, University of Arkansas, Fayetteville, AR.

Kissinger, D. B., & Heath, W. (November 2007). *Counselor-in-training attitudes toward gay men and lesbian women: Implications for practice*. Arkansas Counseling Association 2007 Annual Conference, Hot Springs, AR.

Kluess, H. A., Buckwalter, J. B., DeLorey, D. S., Clifford, P. S., (April 2008). *Age-related changes in vasoconstrictor response to heat in skeletal muscle arteries*. Experimental Biology Annual Meeting, San Diego, CA.

Koch, L. (October 2007). *Research utilization and collaboration in allied health professions*. Washington University Program in Occupational Therapy Research Seminar, St. Louis, MO.

Mallory, S., Tull, A. Albin, J., Simmons, B., Drnek, J., DeSanto, J., & Jacks, A. (March 2008). *Navigating NASPA: An insider's guide to the association*. Annual National Association of Student Personnel Administrators National Conference. Boston, MA.

McCurley, L., H. Claney, M. Michaelides, N. Smith-Blair, C. Riggs, FACSM. (2007). *The effects of endurance exercise training on cardiac function in VLCAD -/- and LCAD -/- mice*. ACSM Annual Meeting, New Orleans, LA.

Miles, J. M. & Murry, J. M. (November 2007). *Funding higher education graduate programs: Developing alternative revenue streams*. Council for the Advancement of Higher Education Programs, Association for the Study of Higher Education, Louisville, KY.

Miles, J. M., & Miller, M. T., & Newman, R. E. (November 2007). *Creating community governance: Involving faculty, staff, and students in effective collaboration*. Fifth Annual National Symposium on Shared Governance, Memphis, TN.

Miller, M. T. (November 2007). *Building communities: How rural community colleges develop their communities and the people who live in them*. Association for the Study of Higher Education, Louisville, KY.

Miller, M. T. (April 2008). *How rural community colleges develop their communities and people who live in them*. Delta Leadership Institute: Gateways to Success, Delta Regional Authority, St. Louis, MO.

Miller, M. T., & Kissinger, D. B. (February 2008). *The role of rural community colleges in developing perceptions of self-identity*. Annual Meeting of the Eastern Educational Research Association, Hilton Head Island, SC.

Miller, M. T., & Kissinger, D. B. (February 2008). *Profile and identity of community college student athletes in selected sports*. Annual Meeting of the Eastern Educational Research Association, Hilton Head Island, SC.

Miller, M. T., & Newman, R. E. (November 2007). *Technology as an enabling factor in making shared governance work*. Fifth Annual National Symposium on Shared Governance, Memphis, TN.

Moiseichik, M., & Helms, K., (February 2008). *Workers compensation and the employee volunteer: What's the liability?* Sport and Recreation Law Association, Myrtle Beach, SC.

Moiseichik, M., Cornish, E., & Gaa, J., (November 2007). *The school and community project: A model for sustaining learning*. Annual Conference for Association of Experiential Education, Little Rock, AR.

Moiseichik, M., (February 2008). *Vision, insight and planning: An Arkansas opportunity*. Arkansas Recreation and Park Association, Eureka Springs, AR.

Morris, A., & Miller, M. T. (November 2007). *Private college faculty workload: Developing a baseline*. Annual Meeting of the Mid-South Educational Research Association, Hot Springs, AR.

Murphy, C., Allison, N. (October 2007). *Teaching camp: Who, what, when, where, why, and how*. 32nd Annual Conference of the Professional and Organizational Development Network in Higher Education, Pittsburgh, PA.

Newgent, R.A. (June 2008). *Bully busters and parental involvement for elementary school counselors and vice principals*. The PEPS Program, Fayetteville Public Schools, Fayetteville, AR.

Newgent, R. A., Stegman, C. E., & Featherston, L. W. (March 2008). *A school based mental health program: A collaboration between schools, mental health agency, and university*. [School-University Collaborative Research SIG]. AERA Annual Meeting, New York, NY.

Newgent, R. A., Cavell, T. A., Stegman, C. E., & Johnson, C. A. (March 2008). *A new model for identifying potentially at-risk children who need mentoring*. [Mentorship and Mentoring Practices SIG]. AERA Annual Meeting, New York, NY.

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Woten, Douglas, **Madga El-Shenawee** and John Lusth, "Improvement of Artificial Neural Network Detection of Breast Cancer using Broadband Dual Polarized Antenna," *Proceedings of IEEE Antenna and Propagation Symposium*, pp. 261-264, 2007.

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**Fant, E.W.**, Economic and Technical Feasibilities of Implementing Robotics in an Automotive Repair Environment." *CELDi Final Research Report UA06-RRAD*, Fayetteville, AR, June 2008.

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**Gattis, J. L.**, "Cross-section Design, Operational, Access, and Safety Relationships on Urban Multilane Roadways," *Proceedings, 86th Annual Meeting of the Transportation Research Board (CD-ROM)*, Washington, DC, 2007.

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**Huang, A.**, "Novel Volume of Solid Technology for Nonlinear Aeroelastic Stability Analysis." Final Report, Air Force STTR Project (2007).

**Johnson, S.L.** "Investigation of Speed Related Truck Accidents from the Large Truck Crash Causation Study (TTCCS) Data." *American Transportation Research Institute*, Atlanta, GA, November 2007.

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**King, J.W.**, L.R. Howard, K. Srinivas, Z.Y. Ju, J. Monrad, and L. Rice. "Pressurized Liquid Extraction and Processing of Natural Products." *Proceedings of the 5<sup>th</sup> International Symposium Supercritical Fluids (Super Green 2007)*, Seoul, South Korea, November 28-December 1, 2007. Proceedings No. KL04, pp. 1-8 (CD Proceedings).

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**Malshe, A.P.**, "Room Temperature Processing of Nanomaterials for Protection of Circuits." Air Force Research Laboratory through SYSTRAN, Final Report (2007).

**Malshe, A.P.**, "Research Collaboration on Nanoparticles based Lubrication- Feasibility." Caterpillar Inc., Interim Report (2007).

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Li, W., O. Abbasi, N. Hingora, Y. Feng and **H. A. Mantooth**, “Certify – A characterization and validation tool for behavioral models”, *IEEE Behavioral Modeling and Simulation Workshop*, 6 pgs., paper 2.2, September 2007.

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**Nutter, D.**, “Technology and Practices for Energy Savings in Schools.” Final Report, Arkansas Energy Office (October, 2007).

**Penney, W.R.**, R.M. Lee, M.E. Magie, and E.C. Clausen. “Design Projects in Undergraduate Heat Transfer: Six Examples from the Fall 2007 Course at the University of Arkansas.” *Proceedings of the 2007 American Society of Engineering Education Midwest Section Annual Conference*, September 2007.

**Pohl, E.**, "New Opportunities for Military OR" PHALANX, *Bulletin of Military Operations Research*. Volume 40, No. 4, ISSN 0195-1920, December 2007.

Jacob, S. and **L. W. Schaper**, “Development of an Improved Process for Integrated Passive Capacitors”, *Proc. IMAPS ATW on Integrated/Embedded Passives*, San Jose, CA. Nov. 2007.

Liu, Yang, **L. W. Schaper**, S. Burkett, A. Kamto, and G. Jampana, “Assembly Technology for 3-D VLSI Chip Stacks”, *Proc. Int. Microelectronics Packaging Soc. Conf.*, November 2007.

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**Schaper, L.**, S. Burkett, M. Gordon, L. Cai, Y. Liu, T. Lam and I. U. Abhulimen, “Integrated System Development for 3-D VLSI”, *Proc. Elec. Comp. Technology Conf.*, pp. 853-857, Reno, NV, June 2007.

Benelbar, R., S. Burkett, G. Clark, J. Dishong, C. Essary, G. McGuire, R. Mongia, S. Nelson, M. Ray, B. Richards, **L. Schaper**, M. Walker, D. White and S. Yok, “3D Packaged GaAs-Si T/R MMIC”, *Proc. GOMAC Tech. Conference*, pp. 413-414, 2007.

Burkett, S., **L. Schaper**, T. Rowbotham, J. Patel, T. Lam, I. U. Abhulimen, D. D. Boyt, M. Gordon and L. Cai, “Materials Aspects to Consider in the Fabrication of Through-Silicon Vias”, in *Enabling Technologies for 3-D Integration*, edited by Christopher A. Bower, Philip E. Garrou, Peter Ramm, and Kenji Takahashi, *Mater. Res. Soc. Symp. Proc.*, Vol. 970, Warrendale, PA, 2007.

Dugganapally, I. P., W. K. Al-Assadi, V. Pillai and **S. C. Smith**, “Design and Implementation of FPGA Configuration Logic Block Using Asynchronous Semi-Static NCL Circuits”, *IEEE Region 5 Technical Conference*, Fayetteville, AR, April 2008.

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**Soerens, T.**, C. Adams, and Kevin D. Hall, “Community Development in a Global Context: An International Service-Learning Program”, *Proceedings of the 2007 Annual Conference of the American Society for Engineering Education*, Honolulu, HI, 2007.

Wang, C., M. Daneshmand and **K. Sohraby**, “A New Slot-Count Selection Algorithm for RFID Protocol”, *Proceedings of Chinacom*, Shanghai, China, August 22-24, 2007.

S. Mehrotra, T. Znati, **C.W. Thompson**, "Crisis Management," Guest Editor Introduction, Special Issue on Crisis Management, IEEE Internet Computing, Jan-Feb 2008.

A. Hendaoui, M. Limayem, **C.W. Thompson**, “3D Social Virtual Worlds: Research Issues and Challenges,” Architectural Perspectives column, IEEE Internet Computing, Jan-Feb 2008.

V. Reddy, K. Neumeier, J. McFarlane, J. Cothren, **C.W. Thompson**, “Extending a Natural Language Interface with Geospatial Queries,” Architectural Perspectives column, IEEE Internet Computing, Nov-Dec, 2007. pp. 82-85.

**Varadan, Vasundara V.**, Swetha Puligalla and Anilkumar R. Tellakula, “Experimental Demonstration of Cloaking by Metamaterials”, *Digest IEEE Antennas and Propagation Society International Symposium*, 2007.

**Varadan, Vasundara V.**, “Extraction of metamaterials properties from measurements”, *Proceedings Metamorphose*, Rome, Italy, October 22-24, 2007.

Kim, Inkwang and **Vasundara V. Varadan**, “Millimeter Wave Dual-band Microstrip antennas with Metamaterial Substrates using the LTCC Process”, *Proceedings Metamorphose*, Rome, Italy, October 22-24, 2007.

Said, Tarek and **Vasundara V. Varadan**, “Modeling the effective complex permittivity of heterogeneous breast tissue and comparison with relaxation models at millimeters wave frequencies”, *Proceedings IEEE Region 5 Conference*, Fayetteville, AR, April 21-22, 2007.

**Wang, Kelvin C.P.**, Z. Hou, and W. Gong, “SIFT-Based Road Sign Inventory System”, *Proceedings, 86th Annual Meeting of the Transportation Research Board (CD-ROM)*, Washington, DC, 2007.

**Zou, M.**, M. Johnson, and S. Zhang, “Tribology of Nano-patterned Surfaces.” Annual Report, National Science Foundation (June, 2007).

**Zou, M.**, J.-W. Kim, and S. Tung, “NER: Exploration of a Nano-engineered Flagellar Motor Based TNT Detection System.” Annual Report, National Science Foundation (October, 2007)

## **Invited Lectures**

**Balda, Juan**, “Centro Nacional para la transmission confinable de energia electrica, un centro dedicado a la electronic de potencia de avanzada”, *Universidad Nacional del Sur (Bahia Blanca, Argentina)*, July 20, 2007.

**Beitle, Robert R.** “Process Engineering Associates, LLC as a Venue for Testing Adaptive Technology for the Blind.” *Presented at East Tennessee Economic Council, Oak Ridge, TN*, November 2007.

**Beitle, Robert R.** “Tactile/Audible Representations as Aids to Students with Limited Vision.” *Summer Symposium on Educational Research Options in Engineering and Science, Washington State University, Pullman, WA*, July 27, 2007.

**Buyurgan, N., R.D. Meller, and B. Hardgrave.** “RFID for Improved Cold Chain Control.” *Industrial Engineering Research Conference, Vancouver, British Columbia, CA*, May 2008.

**Carrier, D.J.,** and E. Clausen. "Les Plantes et Leurs Composés." Invited oral presentation presented at La Guilde des Herboristes du Québec, Montreal, Quebec, Canada, November 2007.

**Cassady, C.R.** “Research Topics in Scheduled Maintenance of Repairable Systems.” *The International Applied Reliability Symposium, Reno, NV*, June 2008.

**Chimka, J.R.** and J. Zhou. “Theoretical Errors for Individual Measurements.” *INFORMS, Seattle, WA*, November 2007.

**Clausen, E.C.** “BRI and Their Gasification/Fermentation Process.” *Presented at seminar Bioenergy Working Group, Fayetteville, AR*, December 2007.

Woten, Douglas, **Madga El-Shenawee** and John Lusth, “Interpreting Artificial Neural Network Output for the Microwave Detection of Breast Cancer”, *International Review of Progress in Applied Computational Electromagnetics Conference, Verona, Italy*, March 19-23, 2007.

Woten, Douglas, Shruti Pandaraju and **Madga El-Shenawee**, “Breast Skin Effect on Scattered Electromagnetic Fields”, *24<sup>th</sup> International Review of Progress in Applied Computational Electromagnetics Conference ACES, Niagara Falls, Canada*, March 30-April 4, 2008.

Woten, Douglas, Obadiah Kegege, Mohammad R. Hajihashemi, Ahmed Hassan and **Madga El-Shenawee**, “Microwave Detection using Real Measurement Data”, *24<sup>th</sup> International Review of Progress in Applied Computational Electromagnetics Conference ACES, Niagara Falls, Canada*, March 30-April 4, 2008.

Shumate, Seth and **Madga El-Shenawee**, “Computational model of ductal carcinoma *in-situ*”, *24<sup>th</sup> International Review of Progress in Applied Computational Electromagnetics Conference ACES, Niagara Falls, Canada*, March 30-April 4, 2008.

**El-Shenawee, Madga**, “Breast Cancer Research”, *faculty of ICD-Laboratoire de Nanotechnologies et d’Instrumentation Optique*, University of Troyes, France, July 2007.

**El-Shenawee, Madga**, “Breast Cancer Research”, *faculty of Mathematics Department*, University of Dundee, Scotland, April 2007.

Hajihashemi, Mohammad R and **Madga El-Shenawee**, “Breast Shape Reconstruction using Microwave techniques and the level set method”, *24<sup>th</sup> International Review of Progress in Applied Computational Electromagnetics Conference ACES*, Niagara Falls, Canada, March 30-April 4, 2008.

Hassan, Ahmed, Susan Burkett and **Madga El-Shenawee**, “Parametric Investigation of Hilbert Based Artificial Magnetic Conductors”, *24<sup>th</sup> International Review of Progress in Applied Computations Electromagnetics Conference ACES*, Niagara Falls, Canada, March 30-April 4, 2008.

Hassan, Ahmed and **Madga El-Shenawee**, “Mathematical Modeling of Breast Lesion Growth”, *24<sup>th</sup> International Review of Progress in Applied Computational Electromagnetics Conference ACES*, Niagara Falls, Canada, March 30-April 4, 2008.

**Haggard, B.E.**, and J. Giovanetti. "Land Use Effects on Stream Water Quality in a Drinking Water Supply Watershed." Invited presentation presented at American Water Works Association Southwest Section 2007 Annual Conference, Springdale, Arkansas, October 2007.

Maguire, R.O., G.H. Rubæk, **B.E. Haggard**, and B.H. Foy. "Critical Evaluation of Mitigation Options for Phosphorus from Field to Catchment Scales." Invited presentation presented at 5th International Phosphorus Workshop, Silkeborg, Denmark, September 3-7, 2007.

**Haggard, B.E.**, L.D. Bartsch, and J.M. Galloway. "Net Changes in Antibiotic Concentrations Downstream from Effluent Discharges." Invited presentation presented at AWRC Annual Research Conference, Fayetteville, Arkansas, 2007.

**Hale, W.**, “Preliminary Investigation into the Use of UHPC in Prestressed Members”, *PCI National Concrete Bridge Conference*, Phoenix, AZ, Oct. 21 – 24, 2007.

**Hale, W.**, “Prestress Losses in Beams Cast with Self-Consolidating Concrete”, *Self-Consolidating Concrete for Precast Prestressed Applications, ACI Fall Convention*, Fajardo, Puerto Rico, Oct. 14 – 18, 2007.

**Hall, Kevin D.**, “Internal Angle of Gyration for the Superpave Gyrotory Compactor VIII: Final Chapter”, *FHWA Expert Task Group for Hot-Mix Asphalt Mixtures and Construction*, Denver, CO, July 2007.

**Hall, Kevin D.**, “MBTC and the National Transportation Security Center of Excellence”, *presented to Senator Mark Pryor and Legislative Staff*, August 2007.

**Hall, Kevin D.**, “Overview of the Mack-Blackwell Rural Transportation Center”, *presented to the Department of Homeland Security and the National Transportation Security Center of Excellence*, Department of Homeland Security, Washington, D.C., October 2007.

**Hall, Kevin D.**, “Update on Internal Angle of Gyration for the Superpave Gyrotory Compactor”, *Annual Meeting of the Southeastern Asphalt User-Producer Group*, San Antonio, TX, November, 2007.

**Hall, Kevin D.**, “Aggregate Specific Gravity Testing Issues”, *Annual Meeting of the Southeastern Asphalt User-Producer Group*, San Antonio, TX, November, 2007.

**Hall, Kevin D.**, “Characterization of Hot-Mix Asphalt for ME Design”, *Annual Meeting of the Southeastern Asphalt User-Producer Group*, San Antonio, TX, November, 2007.

**Hestekin, Jamie.** “Electrodeionization in Product Separation.” *Presented at seminar Colorado State University*, Fort Collins, CO, November, 2007.

**Heysfield, E.**, “Performance Prediction of Contingency Airfields Subjected to Repetitive C-17 Loadings,” *Aviation A World of Growth, 29<sup>th</sup> International Air Transport Conference*, Irving, TX, August 2007.

**Heysfield, E.**, “A Parametric Sensitivity Analysis of Soft Ground Arrestor Systems,” *Aviation A World of Growth, 29<sup>th</sup> International Air Transport Conference*, Irving, TX, August 2007.

**Heysfield, E.**, “An Approach to Numerically Model Contingency Airfield Performance for C-17 Aircraft,” *2007 SWIFT (Summer Winter Integrated Field Technologies) Conference & Trade Show*, Calgary, Alberta, Sept. 17 -20, 2007.

**Heysfield, E.**, “Critical Parameters in the Design of Soft Ground Arrestor Systems,” *2007 SWIFT (Summer Winter Integrated Field Technologies) Conference & Trade Show*, Calgary, Alberta, Sept. 17 -20, 2007.

**Johnson, S.L.** “Effect of Posted Speed Limits on Truck and Automobile Speeds: What is Really Happening?” Mack-Blackwell Rural Transportation Center Professional Advisory Board Meeting, Fayetteville, AR, November 2007.

**Johnson, S.L.** “Safety Impact of Absolute and Differential Truck Speeds.” Owner-Operator Independent Driver Association, Kansas City, MO, December 2007.

**Kavdia, M.** "Biochemical Interaction of NO and Reactive Oxygen Species in an Arteriole-Venule Pair." Invited presentation presented at Biomedical Engineering Society (BMES) Annual Fall Meeting, Los Angeles, California, September 26-29, 2007.



**King, Jerry W.** and Keerthi Srinivas. “Consecutive Processing of Natural Products and Biomass Using Sub- and Supercritical Fluids.” *Plenary Lecture, 4<sup>th</sup> Russian SFE Conference*, Kazan, Tatarstan, Russia, September 11-13, 2007.

**King, Jerry W.** “Processing of Agricultural Products and Biomass Using Sub- and Super-Critical Fluids.” *Presented at Seminar South Dakota School of Mines & Technology*, Rapid City, SD, October 1, 2007.

**LeFevre, E. Walter**, “Licensure Law Changes”, *NCEES Annual Meeting*, Philadelphia, PA, Aug. 22-25, 2007.

**Malshe, A.P.**, “Vision for NanoManufacturing.” *National Science Foundation*, Arlington, VA (November 2007).

**Malshe, A.P.**, K. Virwani, and K.P. Rajurkar, “Surface Sensitive Issues in Probes based Nanomanufacturing: Nanoscale Electro-machining, for Sub 20 nm Scale Manufacturing.” *STC-Surface Meeting, Part II of 2007 CIRP General Assembly*, Dresden, Germany (August 2007).

**Malshe, A.P.**, “Integrated Sensors for Automotive Applications.” Keynote Speaker, *SAE Automotive Electronics Conference*, Bangalore, India (August 2007).

**Malshe, A.P.**, “Nanomanufacturing Across Scale Boundaries for Advanced Systems: Research, Education and Entrepreneurship.” *IISc Alumni Conference*, San Jose (July 2007).

**McCartney, J.**, “Estimation of the Hydraulic Conductivity Function of an Unsaturated Clay using an Infiltration Column Test”, *6<sup>th</sup> Brazilian Conference on Unsaturated Soils (NSAT)*, Salvador, Brazil, November 1-3, 2007.

**Meller, R.D.** “Innovative Aisle Designs for Unit Load Warehouse.” Parson Endowed Lecture Series, Department of Industrial Engineering, Texas A & M University, College Station, TX, October 2007.

**Meller, R.D.** “Innovative Aisle Designs for Unit Load Warehouse.” Graduate Seminar Series, Department of Industrial Engineering, Arizona State University, Phoenix, AZ, March 2008.

**Meller, R.D.**, and G. Maxell. “International Logistics and the New Frontier of Supply Chain Excellence.” Cyber-Infrastructure Research Seminar, National Science Foundation, Washington, D.C., March 2008.

**Meller, R.D.** “Innovative Aisle Designs for Unit Load Warehouse.” Graduate Seminar Series, Department of Industrial Engineering, University of Oklahoma, Norman, OK, April 2008.

McGinnis, L.F., J. Fowler, **R.D. Meller**, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *Industrial Engineering Research Conference*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.**, B. Montreuil, J.A. Tompkins, and R. Ward. “Panel: Material Handling Logistics Summit.” *Industrial Engineering Research Conference*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.** “Obtaining Industry Research Funding.” *IIE Doctoral Colloquium*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.** “Preparing for Research: Successful Strategies.” *IIE New Faculty Colloquium*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.**, L.F. McGinnis, J. Fowler, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *WGLT International Day, CeMAT Trade Show*, Hannover, Germany, May 2008.

**Meller, R.D.**, L.F. McGinnis, J.Fowler, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *2008 International Material Handling Research Colloquium*, Dortmund, Germany, May 2008.

Hall, K.D. and **H. Nachtmann**. “Mack-Blackwell Rural Transportation Center.” Department of Homeland Security Science and Technology Directorate, Washington D.C., October 2007.

**Nachtmann, H.** “Statewide Contributions of Waterborne Transportation to Arkansas.” Arkansas House and Senate Interim Committees on Public Transportation of the Arkansas General Assembly, Little Rock, AR, October 2007.

**Nam, C.S.** “Toward Integrating Haptic Experiences into Virtual Environments: Does Touch Matter?” Grado Department of Industrial and Systems Engineering, Virginia Tech, November 1, 2007.

**Nam, C.S.** “Haptic Virtual Environments and E-Textile.” Department of Clothing and Textiles, Seoul National University, Seoul, Korea, August 7, 2007.

**Nam, C.S.** “Towards Designing for User Experience: User-Centered Design (UCD).” User Experience & Product Management Team, Communication Intelligence Division, SK Telecom, Seoul, Korea, July 19, 2007.

**Naseem, Hameed A.**, “Sun – An Inexhaustible Source of Energy”, *Fazle Umar Public School, Koodali*, Kerala, Dec. 18, 2007 (invited).

**Naseem, Hameed A.**, “Importance of Education and its Phenomenal Growth through Writing/Printing”, *Ahmadiyya Youth Organization*, Koodali, Kerala, Dec. 19, 2007 (invited).

**Naseem, Hameed A.**, “Creating a Culture of Learning and Education”, *National Meeting of the Presidents and Education Secretaries of Ahmadiyya Muslim Jamaat*, India, Dec. 26, 2007 (invited).

**Osborn, G.S.** "BlueInGreen Proposal for SDOX Technology for Paul R. Noland Wastewater Treatment Plant." Presentation made to Fayetteville City Council, Fayetteville, Arkansas 2007.

**Osborn, G.S.** "Design, Development and Technology Transfer of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented at American Society of Biological and Agricultural Engineers- Arkansas State Section Meeting, Little Rock, Arkansas, October 2007.

**Osborn, G.S.** "Design, Development and Technology Transfer of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented to BAEG Advisory Committee, Fayetteville, Arkansas, November 2007.

**Osborn, G.S.** "Design, Development and Testing of the Supersaturated Dissolved Oxygen Injector." Invited presentation presented at Northwest District of the Arkansas Water Works and Water Environment Association District Meeting, Fayetteville, Arkansas, December 2007.

**Osborn, G.S.** "Point Source Ozonation to Minimize Antibiotic Resistance." Presentation made to Arkansas Water Resource Center Conference, Fayetteville, Arkansas, April 2007.

**Osborn, G.S.** "Supersaturated Dissolved Oxygen Injector." Presentation presented to Bella Vista, Arkansas Property Owners Association Subcommittee for Water Quality in Bella Vista Lakes, Bella Vista, Arkansas, 2007.

**Osborn, G.S.** "Utilizing SDOX Technology for Cost Savings in Wastewater Effluent Oxygenation Applications." Invited presentation presented to McGoodwin, Williams and Yeats Engineering Design Firm, Fayetteville, Arkansas, November 2007.

**Osborn, G.S., A. McCain, and C. Thompson.** "Phase II: A Portable Dissolved Oxygen Delivery System for Rapid Treatment of Organic Spills." Invited presentation presented to Program Director for National Science Foundation, 2007.

**Panda, B.,** "Database Recovery in Information Warfare Scenario," Recent Advances in Information Assurance, Network, Database, and Software Security Symposium (LANDSS'07), St. Cloud State University, St. Cloud, MN, November 2, 2007

**Panda, B.,** "Monitoring Information Leakage during Query Aggregation," the 4<sup>th</sup> International Conference on Distributed Computing and Internet Technology, Bangalore, India, December 17-20, 2007.

**Panda, B.,** "Data Authentication and Provenance Management," the Second International Conference on Digital Information Management, Lyon, France, October 28-31, 2007.

**Rardin, R.** "Healthcare Systems Engineering: An Agenda for Research." *Universidad de lo Andes*, Bogota, Colombia, December 2007.

**Root, S.** and A. Cohn. “Discussant: Intergrated Planning for Express Parcel Carriers.” NSF Bridges to Engineering Research 2020, Greensboro, NC, March 2008.

**Root, S.** and J. Braden. “Discussant: The Dial-A-Ride Problem with Flexible Destinations.” INFORMS Southwest Regional Conference, College Station, TX, April 2008.

**Root, S.** “Discussant: Design and Operation of Surgery Delivery Systems: Open Problems.” Healthcare Engineering Symposium, Raleigh, NC, April 2008.

**Saxena, A.** “Mechanical Behavior of Nanostructured Materials.” *Institute of Technology*, BHU, Varanasi, India (November 2007).

**Saxena, A.** “Future Engineering Education.” *All India Committee of Engineering Education*, New Delhi, India (November 2007).

**Schaper, L.**, “Removing Wire: the Ultimate Goal of Systems Packaging”, *IEEE Japan Systems Packaging Workshop*, Hakone, Japan, Jan 28-31, 2008 (Invited).

**Schaper, L.**, “3-D Electronics: Reasons, Approaches, Processes”, *National Semiconductor Corp.*, Santa Clara, CA, August 8, 2007 (Invited Seminar).

**Selvam, R.P.**, “Modeling Multiphase Flow and Heat Transfer – Current Status and Future Challenges”, *7<sup>th</sup> Asian Computational Fluid Dynamics Conference*, IISC Bangalore, India, Nov. 26-30, 2007.

**Selvam, R.P.**, “Developments in Computational Wind Engineering”, *4<sup>th</sup> National Conference on Wind Engineering*, Chennai, India, Oct. 30 - Nov. 1<sup>st</sup>, 2007.

**Selvam, R. P.**, “Adaptive FEM for Bridge Aerodynamics”, *4<sup>th</sup> National Conference on Wind Engineering*, Chennai, India, Oct. 30 - Nov. 1<sup>st</sup>, 2007.

**Selvam, R.P.**, “Understanding High Heat Transfer in Spray Cooling for Different Droplet Velocities and Wall Superheats by 3D Multiphase Flow Modeling,” *ASME-JSME Thermal Engineering and Summer Heat Transfer Conference*, Vancouver, Canada, July 8-12, 2007.

**Selvam, R.P.**, “Equilibrium Molecular Dynamics Simulation Study on the Effect of Nanoparticle Loading and Size on Thermal Conductivity of Nanofluids,” *ASME-JSME Thermal Engineering and Summer Heat Transfer Conference*, Vancouver, Canada, July 8-12, 2007.

**Selvam, R.P.**, “3-D Multiphase Flow Modeling of Bubble Growth and Burst in Spray Cooling using Parallel Computing,” *ASME-JSME Thermal Engineering and Summer Heat Transfer Conference*, Vancouver, Canada, July 8-12, 2007.

**Selvam, R.P.**, “Multiphase Flow 3D Modeling of Spray Cooling, *ONR Thermal Management Review*, Hilton Head Island, SC, Sep. 25-28, 2007.

**Selvam, R.P.**, “Spray-Cooled SiC Power Modules for High Temperature and High Voltage Operation,” *ONR Thermal Management Review*, Hilton Head Island, SC, Sep. 25-28, 2007.

**Selvam, R.P.**, “Molecular Dynamics Simulation of Thermal Conductivity and Study of Enhanced Thermal Transport in Nanofluids,” *ECI Conference on Nanofluids: Fundamentals and Applications*, Copper Mountain, Colorado, September 16-20, 2007.

**Selvam, R. P.**, “Wind Forces on Buildings and Bridges using Computer Modeling,” *Institution of Engineers, India*, Mumbai, India, Nov. 30, 2007.

**Selvam, R. P.**, “Multiphase Flow Modeling and Spray Cooling,” *Institution of Engineers, India*, Mumbai, India, Nov. 30, 2007.

**Soerens, T.** , “Political Pitfalls Preventing People from Procuring Potable Provisions – a case from Belize,” *American Water Resources Association National Meeting*, Albuquerque, NM, October 2007.

**Spearot, D.E.**, “Atomistic Simulation of Grain Boundary Structure and Inelastic Behavior in FCC Metallic Materials.” *Idaho National Laboratories*, Idaho Falls, Idaho (August 26-29, 2007).

**Thoma, Gregory J.** “Environmental Impacts of the Fayetteville Shale Play.” *Presented to the Arkansas Legislature Joint Performance Review Committee*, Little Rock, AR, November 14, 2007.

**Thompson, C.W.**, “Extending Menu-based Natural Language Interfaces with Geospatial Queries,” GIS Day, Center for Advanced Spatial Technologies, November 14, 2007.

**Thompson, C.W.**, “Menu-based Natural Language Interfaces,” Cognitive Science Lunch Bunch, UARK Union, September 19, 2007.

**Thompson, C.W.**, “DBMS Research at U Arkansas,” Microsoft SQL Server Meeting, in conjunction with Microsoft Faculty Research Summit 2007, Redmond, July 18, 2007.

**Tung, S.**, “Novel Nanosensors for Detecting Biological Agents.” *IEEE International Conference on Nano/Molecular Medicine and Engineering*, Macau, China (August 2007).

**Ulrich, R.** “What Today's Teenager Has To Look Forward to in Energy and Environment.” *Arkansas Conference for Gifted and Talented High Schoolers*, July 10, 2007.

**Varadan, Vasundara V.**, “Graeme Milton and the Emperor’s Metamaterial Cloak?” *Milton-Prager Medal Symposium, 44<sup>th</sup> Annual Meeting, Society of Engineering Science*, College Station, TX, October 23, 2007.

**Varadan, Vasundara V.**, “Extraction of Metamaterial Properties from measured S-parameters,” *Metamaterials*, Rome, Italy, October 25, 2007.

**Varadan, Vasundara V.**, “Role of Materials in the Development of Devices and Technologies,” University of Idaho, Moscow, ID, November 9, 2007.

**Varadan, Vasundara V.**, “Women in Engineering Day,” Panelist, Plenary Session, University of Idaho, Moscow, ID, November 9, 2007.

**Varadan, Vasundara V.**, “Role of Materials in the Development of Devices and Technologies,” *RESMIQ Fellow*, Concordia University, Montreal, Canada, July 30-August 3, 2007

Jung, S., T. Ji and **V. K. Varadan**, “Low voltage organic strain sensor on plastic using polymer/high K inorganic dielectric,” *International Conference on Microelectronics, MEMS and Nanotechnology*, Australia, December 6, 2007 (invited paper presentation).

**Varadan, V. K.**, “The role of nanotechnology and engineering in medicine,” *International Conference on Smart Materials and Nanotechnology*, Harbin, China, July 2007 (plenary talk).

**Varadan, V. K.**, “Inauguration Address of DRDO Center of Nanotechnology in Life Sciences and Medicine,” *Bharathiar University*, September 2007.

**Varadan, V. K.**, “Translational Research in Neurological Disorders,” Sri Ramachandra *Postgraduate Medical University*, Chennai, Sept. 2007 (plenary talk).

**Varadan, V. K.**, “Nanotechnology, wireless sensors and integrated systems in engineering and medicine,” *International Conference on Trends in Intelligent Electronic Systems*, Sathyabama University, University of Madras, Nov. 2007 (plenary talk, inauguration address).

**Varadan, V. K.**, “Multifunctional intelligent nanosensors, organic electronics and systems for health monitoring of engineering structures and neurological disorders in humans: can we get smarter?” *International Conference on Intelligent Sensors, Sensor Networks and Information Processing*, Melbourne, Australia, December 2007 (plenary talk).

**Varadan, V. K.**, “Micro-and Nano-electronic packaging in engineering, life sciences and medicine,” *International Conference on Microelectronics, MEMS and Nanotechnology*, Canberra, Australia, December 2007 (plenary talk).

**Varadan, V. K.**, “Interconnect enhancement of advanced 3D sensor packaging with carbon nanotubes,” *International Conference on Microelectronics, MEMS and Nanotechnology*, Australia, December 6, 2007 (invited paper presentation).

**Wang, Kelvin C.P.**, "Positioning and Imaging Sensors for Automated Asset Management of Transportation Facilities," *1st International Conference of Transportation Engineering, ICTE 2007*, Chengdu, China, July 22-24, 2007.

**Wang, Kelvin C.P.**, "Comparative Study of Jointed Plain Concrete Pavement (JPCP) Design Methodologies in China and United States," *1st International Conference of Transportation Engineering, ICTE 2007*, Chengdu, China, July 22-24, 2007.

**Wang, Kelvin C.P.**, "Experimentation of 3D Pavement Imaging Through Stereovision," *1st International Conference of Transportation Engineering, ICTE 2007*, Chengdu, China, July 22-24, 2007.

**Wang, Kelvin C.P.**, "Sensitivity Analysis of Genetic Algorithm Based Network Optimization System with Multiple Objectives," *1st International Conference of Transportation Engineering, ICTE 2007*, Chengdu, China, July 22-24, 2007.

**Zou, M.**, "New Research Directions of Aluminum-Induced Crystallization of Amorphous Silicon." *The Fifteenth International Conference on Composites/Nano Engineering (ICCE - 15)*, Haikou, Hainan, China (July 15-21, 2007).

#### **OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:**

**Ackerson, M.** "Mild Hydrocracking Using IsoTherming." *2008 Annual Meeting of the NPRA*, Diego, CA, March 9-11, 2008.

**Apon, A.** "GPN Grid" presentation at the Oklahoma Supercomputing Symposium, October 2007.

Kulkarni, S., **S.G. Bajwa**, J. Rupe, and T. Kirkpatrick. "Spatial Correlation of Crop Response to Soybean Cyst Nematode (*Heterodera glycines*)." Paper presented at the ASABE Arkansas Section Meeting, Little Rock, Arkansas, October 5, 2007.

Kulkarni, S.S., **S.G. Bajwa**, J.C. Rupe, and T. Kirkpatrick. "Correlation of Crop Response to Soybean Cyst Nematode." Paper presented at the ASABE Annual International Meeting and Conference, Minneapolis, Minnesota, July 17-21, 2007.

**Bajwa, S.G.**, and J. Rupe. "Soybean Disease Discrimination with Canopy Reflectance." Paper presented at ASABE Annual International Meeting and Conference, Minneapolis, Minnesota, July 17-21, 2007.

**Bajwa, S.G.**, and H. Gadiraju. "Laboratory Evaluation of Clinoptilolite for Ammonia Emission Mitigation from Broiler Houses." Paper presented at Symposium on Air Quality and Waste Management for Agriculture, Broomfield, Colorado, September 15-19, 2007.

Kwasy, A., M. Leh, J. Cothren, and **S.G. Bajwa**. "Photogrammetric Mapping With the Terrahawk Airborne Camera System." Paper presented at GIS Day Symposium, Fayetteville, Arkansas, November 14, 2007.

**Beitle, Robert R.**, Noel Romey, Rachel Schwartz, D. Behrend, P. Miao, and M. Cheung. "Tactile / Audible Aids in Chemical Engineering Plant Design." *Presented at ASEE Summer School 2007.*

**Buyurgan, N.** and J.R. Chimka. "Integrated Auto ID Technology for Multidisciplinary Undergrad Studies." NSF, Arlington, VA, October 2007.

Lehlou, N., **N. Buyurgan** and J.R. Chimka. "An Agent Based Architecture for RFID Laboratory Environments." Industrial Engineering Research Conference, Vancouver, BC, CA, May 2008.

Lehlou, N., **N. Buyurgan** and J.R. Chimka. "Developing an Agent Based Learning Environment for RFID Technology." Industrial Engineering Research Conference, Vancouver, BC, CA, May 2008.

**Carrier, D.J.** "Bioeconomy Activities at the University of Arkansas." Oral presentation at S-1007 Multi-State Project, Peoria, Illinois, September 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Extraction of Saponins from Albizia julibrissin." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Possibility of Extraction of Saponins from Albizia julibrissin." Poster presented at Institute of Biological Engineering, St. Louis, Missouri, 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Separation of Milk Thistle (*Silybum marianum*) Silymarins Using Centrifugal Partition Chromatography." Oral presentation at the American Institute of Chemical Engineering, Salt Lake City, Utah, 2007.

Engelberth, A., **D.J. Carrier**, and E. Clausen. "Separation of Milk Thistle (*Silybum marianum*) Silymarins Using Centrifugal Partition Chromatography." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Uppugundla, N., S. Ravindranath, E. Clausen, J. Lay, R. Wilkins, Y. Wu, R. Ingram, and **D.J. Carrier**. "Extraction of Policosanols from Switchgrass." Poster presented at American Society of Pharmacognosy, Portland, Maine, 2007.

Uppugundla, N., S. Ravindranath, E. Clausen, J. Lay, R. Wilkins, Y. Wu, R. Ingram, and **D.J. Carrier**. "Extraction of Policosanols from Switchgrass." Poster presented at Institute of Biological Engineering, St. Louis, Missouri, 2007.

**Chevrier, V.**, J.D. Chittenden, K. Bryson, L.A. Roe, D.W.G. Sears, and R. Pilgrim, "Experimental Study of the Effect of Wind on the Stability of Water Ice on Mars." *39th Meeting of the Division for Planetary Sciences, American Astronomical Society*, Orlando, Florida (October 8-12, 2007).



Walker, L.C., **J.R. Chimka**, and E.A. Pohl. "Bin Locating Systems at Wal-Mart Stores." *CELDi*, Fayetteville, AR, December 2007.

**Couvillion, R.**, "PE Review - Thermal Sciences," University of Arkansas, Fayetteville, AR (2007).

**Cox, B.R.**, "Earthquake Issues of Special Interest in Arkansas: Soil Liquefaction and Deep/Soft Soil Amplification of Earthquake Ground Motions", *ATC-20 Postearthquake Safety Evaluation of Buildings*, Fayetteville, AR, October 19<sup>th</sup>, 2007.

**Davis, S.G.**, C.S. Gattis, and E.C. Clausen. "University of Arkansas Science Partnership Program: Lessons Learned in Evaluating Year One." *2007 American Society of Engineering Education Midwest Section Annual Conference*, Wichita, KS, September 2007.

**Dennis, N.D.**, "Geosynthetic Drains for Slope Stability and Rehabilitation", *85th Transportation Research Committee Meeting*, Arkansas State Highway and Transportation Department, Little Rock, AR, Nov 14th, 2007.

**Edwards, F.G.**, "Low Impact Development (LID) Viable Alternatives and Ecological Considerations", *EPA Mid-South Watershed Training Program*, Fayetteville, AR, December 5, 2007.

**Engelberth, A.S.**, D.C. Carrier, J.A. Gidden, and E.C. Clausen. "Extraction of Saponins from *Albizia julibrissin* Bark Using Organic Solvents." *48<sup>th</sup> Annual Meeting of the American Society of Pharmacognosy*, Portland, ME, July 2007.

**Engelberth, A.S.**, D.J. Carrier, and E.C. Clausen. "Extraction and Identification of Julibroside Saponins from the Bark of *Albizia julibrissin*." *American Institute of Chemical Engineers Annual Meeting*, Salt Lake City, UT, November 2007.

**Engelberth, A.S.**, D.J. Carrier, and E.C. Clausen. "Separation of Milk Thistle Silymarins Using Centrifugal Partition Chromatography." *48<sup>th</sup> Annual Meeting of the American Society of Pharmacognosy*, Portland, ME, July 2007.

**Evans, J.L.**, A. Saxena, and A. Rosenberger, "Environmental Effects on the Crack Growth Behavior of Ni-base Superalloy ME3." *Materials Science and Technology 2007*, Detroit Michigan (September 16-18, 2007).

**Gaddy, J.L.** and E.C. Clausen. "The BRI Gasification/Fermentation Process." *Ouachita Society of American Foresters Annual Meeting*, Hot Springs, AR, November 2007.

**Gordon, M.H.**, "Absolute Population Measurements of Argon Excited States," presented at the University of Liverpool, UK (2007).

Martin, E., L. Y. Lary, **C.L. Griffis**, R. Riley, D. Toczko, K. Vaughn, C. Botkin, R. Grat, M. van der Bleek, and J. Marcy. "Antimicrobial Effects of Mastertaste Zesti-Smoke (Two-Stage Application) on the Survival of *Listeria Monocytogenes* Surface-Inoculated onto Bar-S© Hot Dogs, Vacuum-Packed and Stored at 4°C." Paper presented at Annual Meeting of International Association of Food Protection (IAFP), Orlando, Florida, 2007.

Martin, E., Y. Lary, **C.L. Griffis**, K. Vaughn, C. Boger, and J. Marcy. "Antimicrobial effects of A&B Ingredients CytoGuard® on the survival of *Listeria monocytogenes* surface-inoculated onto Bar-S® Foods Co. hot dogs, vacuum-packed and stored at 4° C." Paper presented at Annual Meeting of International Association of Food Protection (IAFP), Orlando, Florida, 2007.

Bartsch, L.D., **B.E. Haggard**, and J.M. Galloway. "Spatial Variation in Stream Antibiotic Uptake [or Release] Downstream from Effluent Discharges." Presentation to AWRA Summer Specialty Conference, Vail, Colorado, 2007.

**Haggard, B.E.**, and L.D. Bartsch. "A Method to Estimate Antibiotic Uptake [or Release] in Streams Receiving Effluent Discharge." Presented to AWRA Summer Specialty Conference, Vail, Colorado, 2007.

**Haggard, B.E.**, and M.M. David. "Fecal Bacteria Transport in Ozark Streams – USDA NRI Water and Watersheds." Presentation to Program Project Director's Meeting, USDA CSREES National Water Conference, Savannah, Georgia, 2007.

**Haggard, B.E.**, G. Toor, and S. Williamson. "Watershed Investigative Support to the Beaver Water District: Phosphorus Bings Capacity of Water Treatment Residuals." Oral presentation to the Beaver Water District, Lowell, Arkansas, 2007.

Storm, D., P. Busted, M. White, S. Stoodly, and **B.E. Haggard**. "Middle North Canadian Basin- Targeting Critical Source Area and Modeling Lake Overholser." Presentation to Oklahoma Conservation Commission, Oklahoma City, Oklahoma, 2007.

Toor, G., **B.E. Haggard**, S. Williamson, and A. Donoghue. "Granulating Poultry Litter and Environmental Consequences- Final Report." Paper presented to US Poultry and Egg Association, 2007.

**Hale, W.**, "Effect of Temperature on Ternary Concrete Mixtures", *85th Transportation Research Committee Meeting*, Arkansas State Highway and Transportation Department, Little Rock, AR, Nov 14th, 2007.

**Hall, Kevin D.**, "Investigation of Interlayer Bond Strength in HMA Pavements", *85th Transportation Research Committee Meeting*, Arkansas State Highway and Transportation Department, Little Rock, AR, Nov 14th, 2007.

**Hall, Kevin D.**, "Civil Engineering Update", *Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center*, Fayetteville, Arkansas, November, 2007.

**Hall, Kevin D.**, “National Transportation Security Center of Excellence” , *Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center*, Fayetteville, Arkansas, November, 2007.

**Hall, Kevin D.**, “MBTC Organizational Structure and Strategic Issues”, *Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center*, Fayetteville, Arkansas, November, 2007.

**Heymsfield, E.**, “Airfield Soft Concrete Runway Overruns” presented to: *Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center*, Fayetteville, Arkansas, November, 2007.

**Himstedt, Heath**, Betty Phasari, Nicole Thomas, and Jamie Hestekin. “Electrodeionization in Energy Applications.” *Oral Presentation at the 2007 AIChE Annual Meeting*, Salt Lake City, UT, November 4-9, 2007.

**Himstedt, Heath**, Betty Phasari, Nicole Thomas, and Jamie Hestekin. “Separation Of Organic Acids From Fermentation Broths Using Electrodeionization: Fundamental Determination Of Wafer Thickness On Transport Properties.” *Poster Presentation at the 2007 AIChE Annual Meeting*, Salt Lake City, UT, November 4-9, 2007.

**Hsu, P.T.**, D. Wolf, K. Karim, and G. Thoma. “Measurement of Pyrene Degradation Kinetics in Soybean Rhizosphere: Fibrous vs. Tap Root Systems.” *14th Annual International Petroleum Environmental Conference*, Houston, TX, November 6-9, 2007.

**Johnson, S.L.** “Update on University of Arkansas Research on Truck Safety.” CFI (Conway Logistics) Headquarters, Joplin, MO, July 2007.

**Johnson, S.L.** “Update on University of Arkansas Research on Truck Safety.” Prime, Inc. Corporate Headquarters, Springfield, MO, July 2007.

**Johnson, S.L.** “Update on University of Arkansas Research on Truck Safety.” JB Hunt Corporate Headquarters, Lowell, AR, October 2007.

**Johnson, S.L.** “Update on University of Arkansas Research on Truck Safety.” USA Truck Corporate Headquarters, Van Buren, AR, October 2007.

**Johnson, S.L.** “Update on University of Arkansas Research on Truck Safety.” YRC Logistics (Yellow/Roadway) Corporate Headquarters, Little Rock, AR, December 2007.

**Jong, I.C.**, “Effective Teaching of Determining Beam Deflections Using Moment-Area Theorems: Avoiding a Pitfall.” Session 302, *Proceedings of the 2007 Midwest Section Conference of the American Society for Engineering Education*, Wichita, KS September 19-21 (2007).

**Karim, K.**, G. Thoma, D. Wolf, and K. Davis. "Phytoremediation of Total Petroleum Hydrocarbon Criteria Working Group (TPHCWG): A Field Study at El Dorado, Arkansas." *14th Annual International Petroleum Environmental Conference*, Houston, TX, November 6-9, 2007.

Deonikar, P., N. Bhise, and **M. Kavdia**. "Nitric Oxide Interactions with Red Blood Cell Hemoglobin: Effect of Oxygenation and Hematocrit." *FASEB Journal* 21, no. 6 (2007): A1231.

**Kavdia, M.** "A Computational Model of Biochemical Interaction of NO and Reactive Oxygen Species in the Microcirculation." Presentation to 8th World Congress for Microcirculation, Milwaukee, Wisconsin, August 2007.

**Kavdia, M.** "Biochemical Interaction of NO and Reactive Oxygen Species in an Arteriole-Venule Pair." Presentation at Biomedical Engineering Society (BMES) Annual Fall Meeting, September 2007.

**Kavdia, M.** "Role of Reactive Oxygen Species in the Microcirculation." *FASEB Journal* 21, no. 6 (2007): A848.

Chávez, M.D., and **M. Kavdia**. "A Computational Model for Analysis of SOD Isoforms Impact on Nitric Oxide Biotransport in an Arteriole." *FASEB Journal* 21, no. 6 (2007): A1143.

Chávez, M.D., N. Lakshmanan, and **M. Kavdia**. "Impact of Superoxide Dismutase on Nitric Oxide and Peroxynitrite Levels in the Microcirculation- A Computational Model." Presentation to Annual International Conference of the IEEE Engineering in Medicine and Biology, Leon, France, August 2007.

Lakshmanan, N. and **M. Kavdia**. "Computational Model of Free Radicals Transport in Vascular Tissue: An Analysis of Impact of SOD Levels and Uncoupling of NOS." Presentation at Society for Free Radical Biology and Medicine Annual Meeting, Nov 2007.

Lakshmanan, N. and **M. Kavdia**. "Leukocyte Adhesion and Mitigation in Blood Vessel-Effect on Nitric Oxide and ROS Levels." Presentation to Experimental Biology (FASEB), Washington, D.C., May 2007.

Lakshmanan, N., and **M. Kavdia**. "Model Computational Model of Free Radicals Transport in Vascular Tissue: An Analysis of Impact of SOD Levels and Uncoupling of NOS." *Free Radical Biology and Medicine Journal* 43 (2007): S168.

Clendenin, J., H. Rokadia, **J.-W. Kim**, and S. Tung. "Aligned Single Wall Carbon Nanotube FET Biosensor for DNA Detection." Presentation at IEEE International Conference on Nano/Molecular Medicine and Engineering (IEEE-NANOMED), Macau SAR, China, December 2007.

**Kim, J.-W.**, and V.P. Zharov. "Carbon Nanotubes as Near-Infrared Agents for Photothermal Nanotherapy of Bacterial Infections." Presentation at 234th ACS National Meet (Session – Nanotechnology in Agriculture), Boston, Massachusetts, 2007.

**Kim, J.-W.** "Bio/Nano Technology for Environment and Medicine." Presentation to Gwangju Institute of Technology, Gwangju, Korea, 2007.

**Kim, J.-W.** "Bio/Nano Technology for Environment and Medicine." Presentation to Gwangju Institute of Technology, Gwangju, Korea, 2007.

**Kim, J.-W.**, J.S. Lee, and R. Deaton. "Non-Crosshybridizing Oligonucleotides Building Blocks for Accurate, Scalable, and High-Rate Nanofabrication." Presentation at IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Bangkok, Thailand, December 2007.

**Kim, J.-W.**, R. Deaton, and N. Kotagiri. "Scale Integration of Carbon Nanotube Through Controlled Interfacing and DNA-Guided Self-Assembly." Presentation at DNA 13: 13th International Meeting on DNA Computing, Memphis, Tennessee, 2007.

Clendenin, J., **J.-W. Kim**, and S. Tung. "An Aligned Carbon Nanotube Biosensor for DNA Detection." Presentation at IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Bangkok, Thailand, December 2007.

**Koh, S.**, A. Saxena, R. Tummala, and R.P. Selvam, "A Numerical Analysis of Crack Growth and Morphology Evolution in Chip-to-Packages Nano Interconnections." *58<sup>th</sup> Electronic Components and Technology Conference*, Orlando, Florida (May 2008).

**Lal, M.**, K. Karim, and G. Thoma. "Biodegradation of Methyl Tert-Butyl Ether by a Nitrate Reducing Mixed Culture." *ICET 2007*, Houston, TX, August 2007.

**Lal, M.**, K. Karim, and G. Thoma. "Biodegradation of Methyl Tert-Butyl Ether in a Fluidized Bed Reactor." *14th Annual International Petroleum Environmental Conference*, Houston, TX, November 6-9, 2007.

Pradhan, A., M. Li, L. Cooney, and **Y. Li**. "Survival, Growth, and Death of Salmonella and Listeria in Raw Chicken Breast Meat During Refrigerated and Frozen Storage." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

Su, X., Q. Sun, Z. Ye, L. Bielke, and **Y. Li**. "A Versatile Multichannel Immunoassay Instrument for Food Safety and Quality." Poster presented at PITTCON Annual Meeting, Chicago, Illinois, February 25-28, 2007.

Wang, H., **Y. Li**, and M. Slavik. "Rapid Detection of Listeria monocytogenes Using Quantum Dots and Nanobeads Based Optical Biosensor." Presented at IAFP 94th Annual Meeting, Orlando, Florida, July 8-11, 2007.

Wang, H., **Y. Li**, and M. Slavik. "Simultaneous Detection of Multiple Foodborne Pathogens Using Quantum Dot Fluorescence Labels in an Immunoassay Coupled with Nanobeads Immunoseparation." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

Cooney, L., **Y. Li**, R. Tian, W. Dong, M. Slavik, and H. Wang. "UV Catalysis with Novel TiO<sub>2</sub> Nanofiber Coating and Its Bactericidal Activity Against E. coli O157:H7." Poster presentation at IFT Annual Meeting, Chicago, Illinois, July 28-August 1, 2007.

**Li, Y.**, R. Wang, Z. Ye, B. Hargis, S. Tung, and L. Berghman. "A Portable Biosensor for In-Field Detection of Avian Influenza Viruses." Presentation at IAFP 94th Annual Meeting, Orlando, Florida, July 8-11, 2007.

**Malshe, A.P.**, "Professional Short Course." *Nanopackaging at 2007 IMAPS Annual Conference*, San Diego, CA (2007).

**Mason, S.** and H. Nachtmann. "If You Major in Industrial Engineering." University of Arkansas Freshman Engineering Seminar, Fayetteville, AR, September 2007.

**Meller, R.D.** "The Future of Material Handling Education." Long-Range Planning Meeting, Material Handling Industry of America, White Sulphur Springs, WV, August 2007.

**Meller, R.D.** "Where Did All the People Go? The Future of Material Handling Education." Material Handling Industry of America Annual Meeting, Savannah, GA, September 2007.

**Meller, R.D.** "Research Centers Where INEG is a Major Participant: CELDi, CIHL, Mack-Blackwell." Supply Chain Management Research Center Meeting, Fayetteville, AR, October 2007.

**Meller, R.D.** "CELDi State of Center Address." CELDi Fall Meeting, Atlanta, GA, October 2007.

**Meller, R.D.** and K.R. Gue. "Innovative Aisle Configurations for Unit-Load Warehouses." Joint Meeting of APICS (Greater Ozarks Chapter) and national Association of Purchasing Management (Missouri Ozarks Chapter), Neosho, MO, November 2007.

**Meller, R.D.** "CELDi Update." Mack-Blackwell Rural Transportation Center Professional Advisory Board Meeting, Fayetteville, AR, November 2007.

**Meller, R.D.** and Z. Kirkizoglu. "Continuing the Saga: A Top-Down, Sequence-Pair Formulation for the Facility Layout Problem." INFORMS Annual Meeting, Seattle, WA, November 2007.

**Meller, R.**, R. Rardin, and S. Root. "Improving Healthcare Supply Chains and Logistics." INFORMS Annual Meeting, Seattle, WA, November 2007.

**Meller, R.D.** and J. Pazour. "A Tale of Two Supply Chains (part of the panel discussion, 'Improving Healthcare Supply Chains and Logistics')." INFORMS Annual Meeting, Seattle, WA, November 2007.

Pazour, J., **R.D. Meller**, L. Pohl and K.R. Gue. "A Nationwide High-Speed Rail System for Freight." INFORMS Annual Meeting, Seattle, WA, November 2007.

Pohl, L., **R.D. Meller** and K.R. Gue. "A Design Model for Optimized Unit-Load Warehouse Aisles." INFORMS Annual Meeting, Seattle, WA, November 2007.

**Meller, R.D.** and K.R. Gue. "Innovative Aisle Configurations for Unit-Load Warehouses." Sysco Corporation, Houston, TX, December 2007.

**Osborn, G.S.** "Training Course for SDOX Technology: Advantages Over Existing Technology for Oxygenation." Presentation to Manufacturers Representatives in Partnership with BlueInGreen, Fayetteville, Arkansas, 2007.

**Osborn, G.S.**, A. McCain, and M. Matlock. "Final Report SBIR Phase IB: A Portable Dissolved Oxygen Delivery System for Rapid Treatment of Organic Spills." Presentation made to National Science Foundation, 2007.

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## School of Law

**Carlton Bailey**, Robert A. Leflar Distinguished Professor of Law

Lectures/Speeches/Presentations

“Recent Arkansas Supreme Court Opinions, Interpreting the Arkansas Rules of Evidence,” College of Business, Society of Students, University of Arkansas, Fort Smith, Arkansas, June 2007.

**Lonnie R. Beard**, Associate Dean for Academic Affairs and Professor of Law

Lectures/Speeches/Presentations

“Tax Issues Involving the Use of Unincorporated ‘S’ Corporations by Professionals to Reduce Social Security Taxes,” Sebastian County Bar Association, Fort Smith, Arkansas, November 19, 2007.

**Howard Brill**, Vincent Foster University Professor of Legal Ethics and Professional Responsibility

Publications

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Lectures/Speeches/Presentations

“John Travolta and Legal Ethics: A Civil Action,” Pulaski County Bar Association, Little Rock, Arkansas, February 2007.

Winter CLE, Fayetteville, Arkansas, February 2007.

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**Carl Circo**, Associate Professor of Law

Publications

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Lectures/Speeches/Presentations

“Food, Water, Religion, and Death,” Winter CLE, University of Arkansas School of Law, February 24, 2007.

“Legislative and Judicial Responses to *Kelo v. City of New London*,” CLE program, Arkansas Bar Association’s Government Practice Section, October 5, 2007.

**Scott Dodson**, Assistant Professor of Law

Publications

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Lectures/Speeches/Presentations

“Darwin's ‘Living’ Constitution,” Young Scholars Workshop, Washington University School of Law, November 2007.

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“The Living Constitution: What Would Darwin Say?,” Lewis & Clark Law School, September 2007.

“What is Removal Jurisdiction?,” Southeastern Association of Law Schools Annual Conference, August 2007.

**Uché Ewelukwa**, Associate Professor of Law

Lectures/Speeches/Presentations

“Copyright Law and the Internet.” Participant in an interactive, audiovisual conference sponsored by the United States Department of State through the United States Embassy in Kyiv, Ukraine, November 15, 2007.

“Endangered Species: Protecting Children’s Rights in the Twenty-first Century – Options and Challenges,” Great Decision Group, August 27, 2007.

**Janet Flaccus**, Professor of Law

Publications

“Single Asset Real Estate and the Bankruptcy Abuse and Consumer Protection Act,” 2007 Ark. L. Notes 83.

Lectures/Speeches/Presentations

“Debtor Creditor,” NWA Debtor Creditor Bar, July 2007.

**Carol R. Goforth**, Clayton N. Little Professor of Law

Publications

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**Donald P. Judges**, E.J. Ball Professor of Law

Lectures/Speeches/Presentations

“Civil Rights and Law Enforcement,” University of Arkansas Spring International Language Center, July 19, 2007.

**Ann Killenbeck**, Assistant Professor of Law

Lectures/Speeches/Presentations

“Effective Opinions Writing for Administrative Law Judges,” Arkansas Association of Administrative Law Judges, November 2, 2007.

**Mark Killenbeck**, Wylie H. Davis Distinguished Professor of Law

Publications

Essay, “Context and Content: The Enduring Importance of *M’Culloch v. Maryland*,” *Historically Speaking*, Volume VIII, Number 6, 31-33 (July/August, 2007).

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Lectures/Speeches/Presentations

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**Judith Kilpatrick**, Associate Dean for Diversity, Planning & Special Projects and Professor of Law

Publications

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**Robert B Leflar**, Arkansas Bar Foundation Professor of Law

Publications

Book Chapter: *Amerika no Jōkyō: Shōhisha Shudō no Iryō Kea Sābisu no Ichirei to shite* [Performance of Quasi-Medical Acts by Non-Medical Personnel in the United States: The Case of Consumer-Directed Personal Assistance Services] (Tomoko Mise trans.), in *SEIMEI RINRI TO HŌ II* [Bioethics and the Law, vol. 2] 27-34 (Norio Higuchi & Futoshi Iwata eds., Tokyo: Kōbundō 2007).

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Lectures/Speeches/Presentations

“Medical Error, Deception, Self-Critical Analysis, and Law’s Impact,” U. of Tokyo School of Law, Prof. Dan Foote’s class on “Japanese Law as Viewed from Abroad,” July 6, 2007.

**Mary Beth Matthews**, Sidney Parker Davis, Jr. Professor of Business & Commercial Law

Publications

“Black Letter Outlines: Payments Law,” Thomson West, 2007(with Steve H. Nickles).

Lectures/Speeches/Presentations

“Update on Arkansas Limited Partnership Law,” Arkansas Judicial College, Ft. Smith, Arkansas, October 19, 2007.

“Considerations in Choosing a Small Business Entity,” Northwest Arkansas Estate Planning Council, Springdale, Arkansas, March 14, 2007.

**Cynthia Nance**, Dean and Professor of Law

Publications

Contributor, “Conquering the Bar Exam: Personal Stories & Practical Advice for Overcoming the Final Hurdle to Becoming a Full-fledged Licensed Lawyer,” *Remember What’s Important*, Hope’s Promise Publishing (2007).

Lectures/Speeches/Presentations

“Surviving Domestic Violence,” Domestic Violence Rally, Bentonville, Arkansas, October 2007.

“From Employer Advocate to Becoming the Boss,” SHRM (Society for Human Resource Management) Conference, Little Rock, Arkansas, September 2007.

“Leveraging Diversity and Inclusion for Our Benefit,” UAMS (University of Arkansas for Medical Sciences), Little Rock, Arkansas, September 2007. “We Still Can: Empowered Women Workers,” Midwest School of Women Workers, Iowa City, Iowa, August 2007.

Panelist, “Employment Discrimination Fifteen Years After the Civil Rights Act of 1991,” Southeastern Association of Law Schools (SEALS) Conference, Amelia Island, Florida, July 2007.

**Kathy Sampson**, Assistant Professor of Law

Publications

“The Legal News Portfolio: Building Professionalism through Student Engagement in ‘Off-Topic’ Course Content,” 15 No. 3, *Persp: Teaching Legal Res. & Writing* (2007).

**Susan Schneider**, Associate Professor of Law; Director of the LL.M. Program  
in Agricultural Law

Publications

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**Steve Sheppard**, William H. Enfield Professor of Law

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**Ned Snow**, Assistant Professor of Law

Publications

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Lectures/Speeches/Presentations

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**Tim Tarvin**, Clinical Associate Professor, Legal Clinic

Lectures/Speeches/Presentations

“The State of Legal Technology: Staying Competitive in the Digital Age,” CLE presentation, Arkansas Bar Association, Fall Legal Institute, Fayetteville, Arkansas, October 26, 2007.

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**Stankus, Tony**, articles posted to the *DBIO: The SLA BioMedical & Life Sciences Division Blog* (all postings accessible at <http://sla-divisions.typepad.com/dbio/>): "The ABI for PAD: Advocating An Added Vital Sign for Older Patients." (posted July 22); "Fatal Encounters with Wildlife in America: Their Deaths & Ours." (posted July 23); "Trying to Change Goliath's Attitude vs. Finding Just the Right Stone: Small Drug Discovery Today." (posted July 30); "Carp: Destructive Invasive Species or an Important Part of Our World's Sportfishing and Culinary Heritage?" (posted August 6); "*Tres Difficile!* Growing Concern with *Clostridium difficile* and Other Toxin Producing Bacteria." (posted August 28); "Correlation, Causality & Confounding Conformity in Preventive Medicine Epidemiological Studies" (posted September 20); "Changing a Classic Bibliographic Instruction Course: Or, Following in the Footsteps of a Giant by Another Path." (posted October 5); "Journals for Nobel Prizewinners: Does Your Library Have What They Needed?" (posted October 10); "Vaccines: Has the Quest for the Perfect for Every Single Person Become the Enemy of the Good for All?" (posted October 18); "The Evolution of Fat Science & the Fat Science of Evolution." (posted October 29); "How Do We Know What's So About the Size and Mobility of Large Predatory Dinosaurs." (posted November 30); "What We Know About Twins & What Twins Teach All of Us About Ourselves." (posted December 12); "The Myelodysplastic Dilemma: Pre-Cancer, Cancer, or None of the Above?" (posted January 15, 2008); "An Invitation to Lunch with the Leadership at the Leadership Summit in Louisville." (posted January 18); "Nancy Stimson, the New NIH Public Access Policy & Our Roles in Helping Our Clients Comply." (posted January 21); "Vitligo: Some BioMedical Literature to Back a New Book by a Popular TV Reporter With the Disease." (posted February 1); "Wolves and Their Carnivorous Competitors." (posted February 6); "DBIO Strategic Planning Committee Invites Your Input." (posted February 28); "DBIO's New Information Ethics Ambassadors and You." (February 28); "In a City That Never Sleeps, An Institution That Stayed Awake to Opportunity: The Grey Literature Report from the New York Academy of Medicine." (posted March 14); "Needed: Your Feelings About Professional Ethics and SLA." (posted April 14); "DBIO Strategic Planning & You" (posted April 14); "Evidence-Based Nursing" (posted May 27).

**Worrell, Diane F.** (Special Collections). "Arkansas Civil Rights History Online." *Society of American Archivists Manuscript Repositories Newsletter* (online, Fall 2007): 2-3.

**Worrell, Diane F.** "Civil Rights Digital Library Project," *Southwestern Archivist* 30:3: (August 2007): 23.

**Worrell, Diane F.** "Former Press Secretary Leads Index Arkansas Project." *Southwestern Archivist* 30:4 (November 2007): 23.

**Worrell, Diane F.** "Historic Film Donated." *Southwestern Archivist* 31:1 (February 2008): 27.

**Worrell, Diane F.** "How to Write a Press Release." *Southwestern Archivist* 30:4 (November 2007): 36-37.

**Worrell, Diane F.** "Pryor Center Celebrates New Director and Board." *Dialogue: The Newsletter of the Oral History Section of the Society of American Archivists* 3:2 (Summer 2007): 5-6.

**Worrell, Diane F.** "Celebrating Archives Month: University of Arkansas Special Collections Celebrates with Workshops, Food, Fun." *Southwestern Archivist* 31:1 (February 2008): 29.

### **REVIEWS:**

**Conway, Cheryl** (Cataloging Acquisitions). *The Lost Highway*, by David Adams Richards. San Francisco, Calif.: MacAdam/Cage, 2008, in *Library Journal Xpress Review*, Week of March 18.

**Juhl, Beth.** *Middle English Compendium*, <http://ets.umdl.umich.edu/m/mec/>. *Choice* 45:4 (December 2007): 604.

**King, Michele** (Cataloging Acquisitions). *The Absolutely True Diary of a Part-time Indian*, by Sherman Alexie. New York: Little, Brown, 2007, for the Gustavus Myers Center for the Study of Bigotry and Human Rights in North America

### **ABSTRACTS:**

**Jones, Phillip** (Head, Reference).  
Ten articles from *Arkansas Historical Quarterly*  
66:2 (Summer 2007) in *America: History and Life* database.

### **PRESENTATIONS:**

**Andrea Cantrell.** Presenter. Odd Manuscript Collections in Arkansas Archives, Arkansas Historical Association Conference, Eureka Springs, March 28.

**Tom W. Dillard.** Presenter. "A Visual Overview of Arkansas Landscape History," Workshop hosted by the Washington County Historical Society, June; co-presenter with Timothy G. Nutt. "More Than Asking Questions: An Introduction to Oral History Interviewing." Arkansas Library Paraprofessionals (ALPS) Conference, Mt. Magazine, AR., May 13; co-presenter with Timothy G. Nutt. "The Enemies of History: Overcoming the Threats to our Historical Documents." Arkansas Library Paraprofessionals (ALPS) Conference, Mt. Magazine, AR., May 13; presenter. "Enemies of History." Fayetteville Public Library, October 20; co-presenter with Felicia Thomas. "Conducting Oral History Interviews." Fayetteville Public Library, October 20.

**Elaine Dong.** Presenter, “*Reading Programs offered by U.S. Public and School Libraries,*” ITIE 2008 Conference (Information Technology in Education: Connecting Rural Communities), Huzhou, China, May 20; Translator for two presentation sessions at the above ITIE 2008 Conference; with **Tim Zou** (Head of Access Services). presenters, “*In Search of a New Model: Library Resource Sharing in China - A Comparative Study,*” IFLA 2007 Annual Conference 2007, Durban, South Africa, August 20.

**Usha Gupta, Elizabeth McKee, and Lutishoor Salisbury.** 2007. “User Preferences for Information Sources,” Arkansas Library Association,” Hot Springs, Arkansas, September 11.

J. B. Carver and **Patricia Kirkwood** (Collection Development), Co-Presenter, “Untangling the Chemical Information Pricing Web.” American Chemical Society National Meeting, New Orleans.

**Lora Lennertz Jetton** (Performing Arts & Media) and **Necia Parker-Gibson** (Reference and Collection Development). Presenters, “Lights, Camtasia, Action: Cooperative Development of Online Tutorials in an Academic Library.” Arkansas Library Association conference, Hot Springs, September 10; and **Necia Parker-Gibson** (Reference and Collection Development). “Outwit, Out-teach, Out-train: Just in Time Tutorials in Camtasia.” *Survivor: Outshelve, Outcatalog, Outserve* Arkansas Library Paraprofessionals conference (ALPS), Mt. Magazine State Park, May 13.

**Timothy G. Nutt.** Presenter, “Selected Materials from the Daisy Bates Papers,” Little Rock Central High School National Historic Site, Little Rock, AR., February 18; co-presenter with Diane Worrell. “Preserving Your Family Photographs,” Fayetteville Public Library, Fayetteville AR., October 20; co-presenter with Tom W. Dillard. “More Than Asking Questions: An Introduction to Oral History Interviewing.” Arkansas Library Paraprofessionals (ALPS) Conference, Mt. Magazine, AR., May 13; Co-presenter with Tom W. Dillard. “The Enemies of History: Overcoming the Threats to our Historical Documents.” Arkansas Library Paraprofessionals (ALPS) Conference, Mt. Magazine, AR., May 13.

**Lutishoor Salisbury.** “The Role of the NSF/National Science Digital Library in the Dissemination of Science, Technology, Engineering and Mathematics Information and in Support of Innovations in Teaching and Learning.” Presented at the 2007 joint annual meeting of ADSA, PSA, AMPA and ASAS meeting, San Antonio, TX, July 9.

**Lutishoor Salisbury.** “Using Web of Knowledge to Study Faculty Publishing and Citation Patterns.” Presented at the AERO Conference, Davis, CA, October 12.

**Lutishoor Salisbury.** “Science User Preference for Information Sources.” Presented at the lightning talk session, NSF/NSDL national meeting, Washington DC, November 8.

**Lutishoor Salisbury.** (with Carolyn Mills, University of Connecticut). “Journal Analysis Tools and the Impact of BioOne Journals.” Presented at the BioOne Partners meeting, Washington DC, April 12.

**Lutishoor Salisbury.** “Faculty Response to Internet-based Teaching Aids: A Case Study at the University of Arkansas.” Paper presented at the 11<sup>th</sup> USAIN Biennial Conference, Wooster, OH, April 29.

**Lutishoor Salisbury.** “Study of Food Science Faculty Publications to Identify Users’ Needs and Use of Research Materials.” Paper presented at SLA/FAN Contributed Papers Session, Seattle, WA, June 15.

**Lutishoor Salisbury.** “Finding Scholarly Resources in Science (chemistry, physics and biology): An Information Literacy Tutorial.” Presented at two sessions to participants at the Arkansas IMBRE conference, November 9.

**Tim Zou and Elaine Dong,** “In Search of a New Model: Library Resource Sharing in China—A Comparative Study,” World Library and Information Congress: 73rd IFLA General Conference and Council, Durban, South Africa, 19-23 August 2007; Presenter, “Statewide Resource Sharing among Public Libraries in the U.S.: Trends and Initiatives in Recent Five Years,” ITIE (Information Technology in Education) 2008 Conference: Connecting Rural Communities, Huzhou, China, May 19-21; Chair of panel discussion, “Library Resource Development and Sharing,” ITIE (Information Technology in Education) 2008 Conference: Connecting Rural Communities, Huzhou, China, May 19-21.