

UNIVERSITY OF ARKANSAS
FAYETTEVILLE, ARKANSAS

PUBLICATIONS AND PRESENTATIONS
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Dale Bumpers College of Agricultural, Food and Life Sciences

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Crop, Soil, and Environmental Sciences

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- Samuelson, Charles D., Arnold Vedlitz, Guy Whitten, Marty Matlock, Letitia Alston, Tarla Rai Peterson, and Susan Gilbertz. 2002. "Citizen Participation and Representation in the TMDL Stakeholder Meetings in San Antonio, Texas." Proceedings of the 2002 Water Environment Federation National TMDL Workshop, Phoenix, AZ
- Tacker, P., E. Vories and D. Kratz. 2002. Rice irrigation-water management for water, labor, and cost savings. pp. 219-223. In R.J. Norman and J.F. Meullenet (ed.). B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Sta. Res. Series 495.
- Vories, E.D., and R.E. Glover. 2002. Comparing the last effective boll populations in UNR and conventional cotton. pp. 42-47 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.
- Vories, E., J. Greene, T. Teague and W. Robertson. 2002. Determining the optimum timing for the final irrigation on Arkansas cotton. pp. 48-53 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.
- Vories, E.D., P.L. Tacker and R.E. Glover. 2002. Improving cotton irrigation scheduling in Arkansas. pp. 54-58 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.

Agricultural Statistics

Cordell, M.L., D.E. Longer, K.R. Brye, W. Johnson, E.E. Gbur and T. Reaper (2002). The influence of wheat straw management on double-cropped soybean germination and development.

Mauromoustakos A., and K. Thompson 2002. Applied Geostatistics with JMP. 27th SAS Users Group International Conference, Orlando, FL.

Mauromoustakos A., and K. Thompson 2002. Applied Geostatistics with JMP. 27th SAS Users Group International Conference Proceedings (CD) 6 pages.

White, P.M., D.C. Wolf, G.J. Thoma, C.M. Reynolds and E.E. Gbur (2002). Effects of the plants and fertilizer on the remediation of crude oil contaminated soil. [Agronomy Abstracts].

INVITED LECTURES/OTHERS:

Human Environmental Sciences

Bailey, W. C. (July 2002). Marriage and money conflict: One solution. Georgia Financial Counseling Annual Conference, Columbus, Georgia, July 22-24, 2002.

Bailey, W. C., Sorhaindo, B., and Garman, E. T. (November 2002). The financial education needs of credit counseling clients. Proceedings of the Annual Meeting of the Association for Financial Planning and Education. Scottsdale, Arizona, November 21-24, 2002.

Baldwin, V. "What do you know? What do you want to know? What did you learn?" WEE Workshop: Get on board! Rogers, Arkansas, August 5, 2002.

Baldwin, V. Creating caring environments. WEE Workshop: Get on board! Rogers, Arkansas, August 5, 2002.

Fitch-Hilgenberg, M., and Morelock, T. (2002). Consumer acceptability of spinach as a replacement for iceberg lettuce on fast food entrees. Northwest Arkansas District Dietetic Association, Fayetteville, Arkansas, January 8, 2002.

Fitch-Hilgenberg, M., and Morelock, T. (2002). Consumer acceptability of spinach as a replacement for iceberg lettuce on fast food entrees. Annual Meeting of the Arkansas Dietetic Association, Fayetteville, Arkansas, April 11, 2002. (Poster, invited)

Warnock, M. M., and Parikh, D. V. (2002). Kenaf retting: comparative study of biological, enzymatic and chemical procedures. 2002 Nonwovens Conference held in conjunction with the Beltwide Conferences sponsored by the National Cotton Council of America, The Cotton Foundation, Atlanta, Georgia, January 10-12, 2002.

Negulescu, I., Chen, Y., Chiparus, O., and Warnock, M. (2002). Biogradable nonwovens based on bagasse and kenaf. Nonwovens Conference held in conjunction with the Beltwide

Conferences sponsored by the National Cotton Council of America, The Cotton Foundation, Atlanta, Georgia, January 10-12, 2002.

Parikh, D. V., Calamari, T. A., Sawhney, A. P. S., and Warnock, M. (2002). Refining of kenaf fibers for processing into automotive nonwovens. Nonwovens Conference held in conjunction with the Beltwide Conferences sponsored by the National Cotton Council of America, The Cotton Foundation, Atlanta, Georgia, January 10-12, 2002.

Agricultural Economics and Agribusiness

Fuller, F. "U.S. Farm Policy: The 2002 Farm Bill". Invited Presentation to the economics faculty of the Warsaw Agricultural University, Warsaw, Poland, October 4, 2002.

Goodwin, Jr., H. L. "Integrated Broiler Management" Invited presentation at the Young Farmers and Ranchers Annual Meetings, Little Rock, AR, August 9, 2002.

Goodwin, Jr., H. L. "The Poultry Litter Bank: Creative Regional Approach for Phosphorus Resources." Invited presentation at the Division of Agriculture Phosphorus Management Workshop, Fayetteville, AR, October 15, 2002.

Goodwin, Jr., H. L. "The Poultry Litter Bank" Invited presentation at the Arkansas Soil and Water Conservation Commission Surplus Nutrient Management Committee Meeting, Siloam Springs, AR November 22, 2002.

Goodwin, Jr., H. L. "Contracting in Agriculture: Trends and Solutions?" Invited presentation at the Arkansas Farm Bureau State Convention, Hot Springs, AR, December 12-13, 2002.

La Ferney, P. E. "Opportunities for Global Education" Invited paper at Southern Region Teaching Symposium, Fayetteville, AR, October 2002.

Robinson, K. L., D. V. Rainey, and I. Allen. "Three Forms of Capital for Achieving Sustainable Community Development" Paper presented at the Achieving Sustainable Communities in a Global Economy: Alternative Private Strategies and Public Policies. Cornell University, Ithaca, NY November 8-9, 2002.

Thomsen, M. and M. Longstreth. "Media Coverage of Food Irradiation." Presentation at the Annual Meetings of the USDA Food Safety Consortium, Ames, IA, October 2002.

Thomsen, M. and M. Longstreth. "Media Coverage of Food Irradiation." Invited Presentation at the Annual Meetings of the USDA Food Safety Consortium, Manhattan, KS, October 2002.

Wailles, E. J. and F. Fuller. "The 2002 Farm Bill and Commodity Outlook." Presented to the Agriculture Development Council, Little Rock, AR, August 22, 2002.

Watkins, K. B. Water Use Issues in the Grand Prairie Region of Arkansas. Invited Presentation at the Basic Economics and Basic Teaching Economic Education Workshop, Pine Bluff High School, Pine Bluff, AR. Arkansas Council on Economic Education, July 15-19, 2002.

Horticulture

Clark, J.R. 2002. Blackberry breeding progress - New releases of potential value for Ohio Growers. Proc. Ohio Berry Symposium, 12 Nov., Columbus, Ohio (invited).

Clark, J.R. 2002. Blackberry cultivars: Some in-depth discussion. North Carolina Agent Training, 6 Feb., Durham, N.C. (invited)

Clark, J.R. 2002. Low chill fruit cultivar development for the southeastern U.S. and the world - Rubus. SR-ASHS Annual Conference, 4. Feb., Orlando, Fla. (invited).

Clark, J.R. 2002. New cultivars and developments in blackberries. SunnyRidge Farm Grower Meeting, 18 Jan., Haines City, Fla. (invited).

Clark, J.R. 2002. University of Arkansas fruit breeding program. National Assoc. of Retired Federal Employees., 19 March, Fayetteville, Ark. (invited).

Clark, J.R. 2002. What's around the corner in new blackberries from the University of Arkansas. N. Amer. Berry Conf., 5 Feb., Durham, N.C. (invited).

Clark, J.R. and L. Howard 2002. Variation in antioxidant levels in blackberries. Proc. Ohio Berry Symposium, 12 Nov., Columbus, Ohio (invited).

Karcher, D.E. 2002. Minimizing Turfgrass Recovery Time From Injury. Arkansas Turfgrass Association annual meeting. Jan., 2002. Hot Springs, AR. (invited)

Karcher, D.E. 2002. Putting Green Cultivation Techniques. Arkansas Turfgrass Association annual meeting. Jan., 2002. Hot Springs, AR. (invited)

Karcher, D.E. 2002. Fertilizer Programming For Grounds Maintenance. Greater Fort Smith Landscape Maintenance Conference. Jan., 2001. Fort Smith, AR. (invited)

Karcher, D.E. 2002. What Do Golfers Know About Green Speed?. Golf Course Superintendents Association of Arkansas monthly meeting. May, 2002. Fayetteville, AR. (invited)

Karcher, D.E. 2002. Cultivar Evaluations Using Digital Image Analysis. SERA-IEG-25 annual meeting. June, 2002. Auburn, AL. (invited)

Karcher, D.E.. 2002. Turfgrass Recovery From Injury. Golf Course Superintendents Association of Arkansas annual meeting. Sept., 2002. Hot Springs, AR. (invited)

Karcher, D.E. 2002. Quantifying Turfgrass Parameters Using Digital Image Analysis. American Society of Agronomy annual meeting. Nov., 2002. Indianapolis, IN. (invited)

Klingaman, G.L. 2002. Using Color in the Commercial Landscape. Ft. Smith Landscape Maintenance Clinic. January 24, 2002 (invited).

Lindstrom, Jon T. Summer-flowering Shrubs. Arkansas Plant Materials Conference, Arkansas Cooperative Extension Service, Little Rock, AR (invited presentation)

Murphy, J.B. Ag-medicine: Plants as biofactories for pharmaceutical proteins. Arkansas Biosciences Institute Board Meeting, July 26, Stuttgart, AR. (Invited).

Murphy, J.B. Plants as biofactories for pharmaceutical proteins. Arkansas Biosciences Institute Research Symposium, October 24, Little Rock, AR. (Invited)

Agricultural and Extension Education

Graham, D. (2002). A Modern Day Fairy Tale of Agricultural Education. Distinguished Lecture at the Agricultural Education Section of the Southern Association of Agricultural Scientists Conference, Mobile, Alabama.(Invited)

Johnson, D.M. (2002). Avoiding death by PowerPoint: Using technology for active student learning. Presentation made at the Southern Region Teaching Improvement Symposium, Fayetteville, Arkansas. (Reviewed)

Miller, J.D. (2002). ACE Academic Programs Swap Meet. Symposium conducted at the 2002 Agricultural Communicators in Education International Meeting, Savannah, Georgia, August 2002. (Symposium abstract was peer reviewed)

Wardlow, G.W. (2002). The role of the family and community promoting student academic excellence: A view from the bench. Presented at the joint session of Rural Sociology and Agricultural Education at the annual meeting of the Southern Association of Agricultural Scientists, Orlando, Florida. February, 2002.

Food Science

Hettiarachchy, N.S., R. Cai, and M. Jalalludin. 2002. Polyphenolic Characterization in Cowpea and Potential Nutraceutical and Functional Uses. International World Nutra Annual Meeting. San Diego, CA. October.

Howard, L.R. 2002. Antioxidant Capacity and Phenolic Content of Different Colored Table Grapes. Vitic. Enol. Res. Meeting. Fayetteville, AR. November.

Howard, L.R. 2002. Good Agricultural Practices. The Advanced Horticulture Food Crops Symposium. Texas A&M University. College Station, TX. October.

Howard, L.R. 2002. Health Benefits of Grapes and Wine. 21st Annual Horticulture Industries Show. Tulsa, OK.

- Howard, L.R. 2002. Healthy Aspects of a Mediterranean Diet. Ozark, IFT. February.
- Howard, L.R. 2002. Overview of Functional Foods Research. U of A Cooperative Extension Service. ANR Strategic Planning Session. Heber Springs, AR. October.
- Howard, L.R. 2002. Phenolic Content and Oxygen Radical Absorbing Capacity (ORAC) in Blueberries as Affected by Cultivar and Harvest Season. 21st Annual Horticulture Industries Show. Tulsa, OK.
- Howard, L.R. 2002. Postharvest Physiology, Concepts and Considerations. The Advanced Horticulture Food Crops Symposium. Texas A&M University. College Station, TX. October.
- Howard, L.R. 2002. Pressurized Liquid Extraction of Procyanidins from Grape Seeds. University of Arkansas, Food Science Department Seminar. February.
- Howard, L.R. 2002. Role of Food Science in ANESA. Arkansas Nutrition and Environmental Studies Alliance (ANESA) Annual Meeting. Little Rock, AR. February.
- Janes, M.E. and M.G. Johnson. 2002. Rapid Methods for Identification of Foodborne Pathogens on Raw Produce and Prevention and Control of Foodborne Pathogens on Fruits and Vegetables. Universidad Autonoma De Coahuila, Saltillo, Coahuila, Mexico. May.
- Johnson, M.G. 2002. Update on the Listeria Hysteria to the Faculty and Graduate Students of the UAF Biological Sciences Dept. December.
- Ko, S., M.E. Janes, N.S. Hettiarachchy, and M.G. Johnson. 2002. Effects of Protein Edible Films on Control of *L. monocytogenes*. 93rd AOCS Annual Meeting. Montreal, Quebec, Canada. Abstract PCPP.S155.

Biological and Agricultural Engineering

- Bajwa, S. G. and L. Tian. 2002. Remote sensing for crop monitoring in precision agriculture. In: Proc. of BSSG 2002 conference- Remote Sensing and Modeling Applications for Natural Resource Management, Biological System Simulation Group, Remote Sensing Technology Center, Mississippi State University, Mississippi State, MS 39762.
- Bajwa, S.G. 2002. Remote Sensing in Precision Agriculture. Arkansas Crop Management Conference at Little Rock, February 4-7, 2002.
- Bajwa, S. G. 2002. Agricultural remote sensing research in Arkansas. Remote sensing symposium, Feb 16, 2003.
- Chaubey, I.. Total Maximum Daily Loads. Phosphorus Management Workshop. Division of Agriculture, University of Arkansas. October 15, 2002.

Chaubey, I. How SWAT models phosphorus transport. 2002 SERA-IEG17 Annual Meeting. Fort Collins, CO. June 26, 27, 2002.

Chaubey, I., A.S. Cotter, T.A. Costello, M.A. Nelson, and T.S. Soerens. "Quantification of runoff and nutrient load prediction uncertainty due to GIS data resolution. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

Gwathmey, C.O. and E.D. Vories. Last effective cotton bolls. 2002 Milan No-Till Crop Production Field Day & Equipment Demonstrations. Milan, TN, July 25 (invited; scheduled speaker, but had to cancel due to family emergency).

Haggard, B.E., M. Matlock, and I. Chaubey, S.A. Ekka, and P.A. Moore, Jr. Stream and sediment phosphorus concentrations in the Illinois River Drainage Area, Northwest Arkansas. Northeastern State University. October 10, 2002.

Haggard, B.E., M. Matlock, and I. Chaubey. Stream Nutrient Retention in the Illinois River, Northwest Arkansas: Ecological Services and Water-Quality Criteria. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

Kim, J.W. 2002. Micro and Nano Sensors for Agriculture and Food Systems. Technical Program of the Trinational Workshop: Advances in Micro and Nano Technologies for Sensing Applications, Dec. 12-14, Melbourne, Australia.

Kim, J.W. 2002. Bio-Inspired Micro-Electro-Mechanical System (MEMS). National Planning Workshop: Nanoscale Science and Engineering for Agriculture and Food Systems (NSEAFS), Nov. 18-19, Washington DC.

Kim, J.W. 2002. Bio-MEMS. A Meeting of Nano Science and Engineering Researchers (sponsored by Arkansas and Oklahoma EPSCoR), Aug. 15, Tulsa, OK.

Li, Y. 2002. Biosensors: Concepts, technologies and applications. Invited presentation given at the Agricultural and Biological Engineering Development Strategies Forum, June 25-27, 2002, Yangling, China, sponsored by the Chinese Society of Agricultural Engineers.

Li, Y. 2002. Food safety engineering: Interdisciplinary practice and systematic approach. Invited presentation given at the International Forum on Post-Harvesting and Food Processing Technologies, June 28, 2002, Hangzhou, China, sponsored by Zhejiang Province Government and Zhejiang University.

Matlock, M. Measuring and Managing Ecological Services. NSF Biocomplexity Workshop, Clemson University, Clemson, SC, March 2002

Matlock, M. Co-Organizer, Ecological Engineering: Implementing the Profession. 2nd Annual Ecological Engineering Society of America Meeting, May 2002, Burlington, Vermont

Matlock, M., A. Vedlitz, C. Samuelson, G. Whitten, T. Peterson, and S. Gilbertz. The Salado Creek TMDL – A Case Study. National TMDL Science and Policy Conference. WEF/EPA/ASIWPCA/USDA, November, 2002, Phoenix, AZ

Osborn, G. S. Invited Presentation- Managing Antibiotic Resistance in the Environment. G. S. Osborn, Conference on Biomonitoring in Arkansas, Arkansas Department of Health, Little Rock, 11/1/02.

Osborn, G. S. Invited Presentation – The Role of Biological and Agricultural Engineering in the 21st Century. G. S. Osborn and Bill Stout. Conference on the Future of Agricultural Sciences, Technical University of Munich November 15/16, 2002.

Vories, E.D. Cotton irrigation termination. CI Crop Man. Conf., Tunica, MS, Nov. 5 (invited).

Vories, E.D. Irrigation management. Ark. Crop Man. Conf., Little Rock, Feb. 5 (invited).

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. Determining the optimum timing for the final irrigation on mid-south cotton (poster). Management Workshop at Beltwide Cotton Prod. Conf., Atlanta, GA, Jan. 9 (invited).

Vories, E.D. and P.L. Tacker. Water quality in Arkansas - an update for the delta. Ark. Soil & Water Educ. Conf., Ark. State Univ., Jan. 15 (invited).

White, K.L., I. Chaubey, and M.A. Nelson. SWAT Modeling of the Illinois River Drainage Area in Arkansas.

White, K.L., I. Chaubey, and M.A. Nelson. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

Agricultural Statistics

Gbur, E.E. (2002). Statistical design and analysis of variety trials. Mid-South Association of Wheat Scientists meeting.

OTHER LECTURES, PAPERS, AND PRESENTATIONS (STATE, REGIONAL, NATIONAL AND INTERNATIONAL PROFESSIONAL MEETINGS):

Human Environmental Sciences

Baldwin, V. and Crandall, M. When the University of Arkansas laboratory schools invite their neighbors in, it's win-win. National Coalition of Campus Child Centers, San Antonio, Texas, February 28, 2002.

Baldwin, V. and Crandall, M. When the University of Arkansas laboratory schools invite their neighbors in, it's win-win. Southern Early Childhood Association (SECA), Oklahoma City, Oklahoma, March 17-23, 2002.

Baldwin, V. and Crandall, M. "Me? Burned Out? By this time of the year, call me a crispy critter!" Annual Meeting of the Southern Early Childhood Association (SECA), Oklahoma City, Oklahoma, March 23, 2002.

Baldwin, V. and Crandall, M. "Me burned out? Just call me a crispy critter!" Northwest Arkansas Association for Family Child Care, September 14, 2002.

Baldwin, V. and Crandall, M. "Help Fairy Godmother! I'm directing a center, but there's nobody here to direct me!" Arkansas Early Childhood Association (AECA), Hot Springs, Arkansas, October 3-5, 2002.

Baldwin, V. and Crandall, M. "Campus child care and laboratory school directors of Arkansas, let's talk." Arkansas Early Childhood Association (AECA), Hot Springs, Arkansas, October 3-5, 2002.

Baldwin, V. and Crandall, M. "Me? Burned Out? Just call me a crispy critter." Arkansas Early Childhood Association (AECA), Hot Springs, Arkansas, October 3-5, 2002.

Davis, D. K., Farmer, F. L., Hodgson, T. W., Miller, W. P. (2002-2003). A profile of rural Arkansas 2003: a look at social and economic trends affecting rural Arkansas. University of Arkansas, Division of Agriculture.

Frentz, I. C., Farmer, F. L., Guldin, J. G., and Smith, K. M. (2002). Population growth in counties containing federal land. International Symposium on Society and Resource Management, Bloomington, Indiana, June 2-6, 2002.

Gentry, M., and Gloeckler, T. (2002). Design Studio Reflects Practical Workplace Experiences. IDEC Southwest Regional Conference, Beaumont, TX, October 31-November 2, 2002.

Gentry, M., and Miller, N. (2002). Relationship of Architectural and Design Elements to Lighting Design in Residences by Bruce Goff. IDEC Southwest Regional Conference, Beaumont, TX, October 31-November 2, 2002.

Gloeckler, T. Three Dimensional Autobiographies. Poster presentation at the Interior Design Educators' Council Regional Conference, Beaumont, TX.

Gloeckler, T. Assemblages. Presentation and gallery tour of design work presented to Jason Project XIV participants, Arts with Education (AWE) Institute teachers and Walton Arts Center staff. McCoy Gallery, Walton Arts Center Nadine Baum Studios, Fayetteville, Arkansas, August 7, 2002.

Hodgson, T. W., Farmer, F. L., Miller, W., and Moon, Z. K. (2002). Calculating population change by race using the 2000 census: impact of method and unit of analysis. Paper presented at the Annual Meetings of the Southern Rural Sociological Society. Orlando, Florida, February 4-6, 2002.

Martin, S. Promoting global awareness of child development using the internet. Poster presentation during the research session of the United States Committee of the World Organization for Early Childhood Education (OMEP), National Association for the Education of Young Children, New York, NY, November 22, 2002.

Martin, S. S. From the trenches: teaching ideas that work: teaching about international aspects of child development using the internet. Southern Region Teaching Symposium, Fayetteville, Arkansas, October 8, 2002.

Martin, S. S. Evaluation of the Pre-K Early Language Learning in Arkansas (Pre-K ELLA). Statewide meeting of Pre-K ELLA Project Directors, Plumerville, AR, October 25, 2002.

Moon, Z. K., and Farmer, F. L. (2002). Rurality and mortality: an empirical note. Poster presented at the Rural Sociology Meetings, Chicago, Illinois, August 14-16, 2002.

Moon, Z. K., Farmer, F. L., and Hodgson, T. W. (2002). Ambiguity of GIS in sociological analysis. Paper presented at the Annual Meeting of the Southern Rural Sociological Society, Orlando, Florida, February 4-6, 2002.

Takigiku, S. K. Using Hyper-Interactive Teaching Technology (H-ITT) in the Family Science Classroom. Presentation at the Teaching Family Science Conference, Lafayette, LA, June 1, 2002.

Turner, M. J., Killian, T. S., and Cain, R. Depression among midlife adults: the role of care giving and health. American Gerontological Association, Boston, MA, November 2002.

James, J. C., Turner, M. J., and Shields, T. S. The political participation of older southern women. Gerontological Society of America, Boston, MA, November 2002.

Brosi, W. R., and Turner, M. J. Grandparents raising grandchildren. The National Council on Family Relations, Houston, TX, November 2002.

Warnock, M. M. Comparative analysis utilizing biological, enzymatic and chemical retting processes. Arkansas Association of Family and Consumer Sciences, Searcy, AR, April 6, 2002.

Warnock, M. (2002). Impact of textile production on African cottage industries. American Association of Family and Consumer Sciences. Dallas, TX, June 21-25, 2002.

Webb, J. D., and Bertoncino, D. Team work skills: classroom techniques by Interior Design faculty. Interior Design Educators' Council International Conference, Beaumont, Texas, October 2002.

Webb, J. D., and Taylor, J. R. A comparison of regional and national architectural styles in Fayetteville, Arkansas. Interior Design Educators' Council Regional Conference, Eureka Springs, Arkansas, March 2002.

Webb, J. D., and Taylor, J. R. A comparison of regional and national architectural styles in Fayetteville, Arkansas. Interior Design Educators' Council International Conference. Santa Fe, New Mexico, March 19-24, 2002.

Agricultural Economics and Agribusiness

Ahrendsen, B. L. and B. L. Dixon. "Dealing with Financial Stress." Tyson Swine Producer Newsletter. Cooperative Extension Service, University of Arkansas. September 2002.

Goodwin, Jr., H. L., J. Popp, W. Miller, G. Vickery and Z. Clayton-Niederman. "Impact of the Agricultural Sector on the Arkansas Economy." Department of Agricultural Economics and Agribusiness, University of Arkansas, Division of Agriculture, SP 02 2002. July.

Goodwin, H. L., J. Popp, W. Miller, G. Vickery and Z. Clayton-Niederman. 2002. Solid Ground. University of Arkansas Division of Agriculture. Little Rock, AR. November.

McGinley, B., K. Coffey, B. Humphry, T. Sauer and H. L. Goodwin, Jr. "Mineral Content of Forages Grown on Poultry Litter Amended Soils." Report prepared for Arkansas Animal Science. September 2002.

Murova, O. "Economic Growth with Limited Agglomeration Economies." Paper presented at AAEA meetings July 28-31, 2002, Long Beach California.

Murova, O. and D. V. Rainey. "Economic Growth with Limited Agglomeration Economies," Selected presentation at the American Agricultural Economics Association annual meetings, Long Beach, CA, July 28-31, 2002.

Popp, J. 2002. "Anticipating Policy Response to 21st Century Agricultural Technology. A Sustainable Agriculture Perspective." Selected symposium presentation at the American Agricultural Economics Association annual meetings, Long Beach, CA, July 28-31, 2002.

Popp, J. 2002. Impacts of University Financial and Academic Support on Student Performance at the SS-AAEA Quizbowl Competition and in the Classroom. Selected paper presentation at the American Agricultural Economics Association annual meetings, Long Beach, CA., July 28-31, 2002.

Shiptsova, R., H. L. Goodwin, Jr. and R. Holcomb. "Testing Separability for Russian Household Survey Data" presented at the Food Distribution Research Society Annual Meetings, Miami, FL, October 27-30, 2002.

Watkins, K. B., M. Anders and T. Windham. "Economics of No-till in Rice." Selected presentation at the 2002 Field Day, Rice Research and Extension Center, Stuttgart, AR, August 14, 2002.

Watkins, K. B., M. Anders and T. Windham. "No-Till Rice Production: Preliminary Economic Findings from Stuttgart, AR. Selected presentation at the 2002 Conservation Tillage Field Day, Rice Research and Extension Center, Stuttgart, AR, October 20, 2002.

Horticulture

Andersen, C.R. 2002. Vegetable Production. Benton County. February 23, 2002.

Andersen, C.R. 2002. Vegetable Production. Jackson County. March 7, 2002.

Andersen, C.R. 2002. Vegetable Production. Marion County. March 11, 2002.

Andersen, C.R. 2002. General Garden and Herbs. Peel Mansion, Bentonville, AR. April 6, 2002.

Andersen, C.R. 2002. Vegetable and Greenhouse Vegetable Production. Searcy County. April 9, 2002.

Andersen, C.R. 2002. Vegetable Production. Gentry, AR. April 11, 2002.

Andersen, C.R. 2002. Garden Fair Tomato Production. April 13, 2002.

Andersen, C.R. 2002. General Tomato Production, Fayetteville, Public Library, April 29, 2002.

Carter, M., K. Striegler, and J.R. Clark. 2002. Muscadine cultivar evaluation. In: J.R.

Carter, M., K. Striegler, and J.R. Clark. 2002. Muscadine cultivar evaluation. In: J.R.

Clark and M.R. Evans, (eds.). Horticultural Studies 20010. Ark. Agr. Expt. Sta. Res. Ser. 494:13-14.

Clark and M.R. Evans, (eds.). Horticultural Studies 20010. Ark. Agr. Expt. Sta. Res. Ser. 494:13-14.

Clark, J.R. 2002. Grapes. In: W.R. Okie (ed.) Register of new fruit and nut varieties, list HortScience 37:256-257.

Clark, J.R. 2002. Have a visit on your mind! Ark. Fruit Growers Newsletter. 9(1):1.

Clark, J.R. 2002. Follow up on visiting research locations. Ark. Fruit Growers Newsletter. 9(2):1-2.

Clark, J.R. 2002. Fresh market peach and nectarine variety development – talk about change! Ark. Fruit Growers Newsletter. 9(1):1-2.

- Clark, J.R. and C.E. Finn. 2002. Blackberry and hybrid berries. In: W.R. Okie (ed.) Register of new fruit and nut varieties, Brooks and Olmo list 41. HortScience 37:251.
- Drake, C. and J.R. Clark. 2002 Effects of pruning and cropping on field-grown primocane-fruited blackberries. In: J.R. Clark and M.R. Evans, (eds.). Horticultural Studies 2001. Ark. Agr. Expt. Sta. Res. Ser. 494:15-16.
- Eaton, S., L. Martin, D.R. Motes and T.E. Morelock 2002. Southernpea cultivar and advanced Breeding Line Trials. Horticultural Studies 2001. pp 54-55. Arkansas Agricultural Experiment Station Research Series 4 94 Ed. J.R. Clark and M.R. Evans.
- Eaton, S., L. Martin and T.E. Morelock 2002. Southernpea variety and advanced Breeding Line Trials. HIS 21:157-159.
- Howard, L.R, J. R. Clark, and C. Brownmiller. 2002. Phenolic content and oxygen radical absorbing capacity of blueberries as affected by cultivar and harvest season. Proc. 21st Annual Horticultural Industries Show pp.58-61.
- Karcher, D.E. and W. Baser. 2002. Paper mill sludge as a mulch during turfgrass establishment. In J.R. Clark and M.R. Evans (eds.). Horticultural Studies 2002, Arkansas Agricultural Experiment Station, Research Series 494:67-69.
- Karcher, D.E. and C. Weight. Final research report: Aquatrols wetting agent trial. Aquatrols CorP. of America. Cherry Hill, NJ. Oct., 2002.
- Karcher, D.E. and C. Weight. Final research report: Symplot wetting agent trial. Symplot Partners. San Diego, CA. Oct., 2002.
- Karcher, D.E. and M.D. Richardson. Final research report: Quantifying turfgrass parameters with a digital camera. O.J. Noer Foundation, Milwaukee, WI. Dec., 2002.
- Karcher, D.E. and M.D. Richardson. Year-end research report: Turf recovery from injury. Nov., 2002.
- Klingaman, G.L. and C. Stewart. 2002. Poinsettia Cultivar Evaluation. In J.R. Clark and M.R. Evans (eds.). Horticultural Studies 2002, Arkansas Agricultural Experiment Station, Research Series 494: 70-74.
- Klingaman, G.L. 2002. How to Build a Hypertufa Trough. Arkansas Flower and Garden Show, Little Rock, AR. March 1 & 2, 2002.
- Klingaman, G.L. 2002. Gardening on the Light Side. Arkansas Flower and Garden Show, Little Rock, AR. March 2, 2002.
- Klingaman, G.L. 2002. Plant Propagation Basics. Fort Smith Flower and Garden Show. March 16, 2002.

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- Davis, M. 2002. Writing Grant Proposals. The Poultry Science Graduate Association Grant Writing Workshop. 13 April 2002.
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- Gibbons, J., Lee, F., Jia, Y. and Eason, R. 2002. Development and Evaluation of Rice Breeding Lines for Blast Resistance at Arkansas, USA. Third International Rice Blast Conference. Tsukuba, Japan.
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McConnell, J.S. 2002. Sediment Runoff from Conservation Tillage Cotton Fields. January 24-25. Nat. Conser. Till. Conf. Tunica, Mississippi. (Invited)

Meek, Casey, D.M. Oosterhuis, and J.McD. Stewart. 2002. Response of Common Cotton Cultivars to Water-Deficit Stress. Proc. Beltwide Cotton Conf., National Cotton Council, Memphis, TN.

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Moldenhauer, K.A. 2002. Performance of Francis a New Rice Variety . Rice Breeders Conference, Cape Gerardo, MO.

Mozaffari, M and C.J. Rosen. 2002. Co-Application of By-Products in Minnesota: Field Research Outcomes. Presentation in Cloquet, Minnesota. (Invited)

Oliver, L.R. and J.W. Barnes. 2002. Influence of Weed Density, Emergence Date, Herbicide Application, and Tillage Level on Sicklepod (*Senna obtusifolia*) Seedbank Dynamics. Proc. South. Weed Sci. Soc. 55:112-113.

Oosterhuis, D.M. 2002. Production Physiology in Cotton. Faculty of Agriculture, University of Thessaly, Volos, Greece.

Oosterhuis, D.M. 2002. Crop Monitoring and COTMAN. Faculty of Agriculture, University of Thessaly, Volos, Greece.

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Oosterhuis, D.M. 2002. The Use of Heat Units in Cotton Growth and in COTMAN. Special COTMAN session sponsored by Cotton Incorporated. Beltwide Cotton Conferences. Atlanta, GA., Jan 11, 2002.

Oosterhuis, D.M. 2002. Characterization of the Cotton Fruiting Curve. Beltwide Cotton Conferences. Atlanta, GA, Jan 8-12, 2002. (Coauthor)

Oosterhuis, D.M. 2002. Foliar Fertilization: Possibilities, Progress and Promises. Beltwide Cotton Conferences. Atlanta, GA, Jan 8-12, 2002. (Invited).

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Purcell, L.C. 2002. Drought Tolerant Nitrogen Fixation in Soybean: Important Traits and Germplasm Development. 18th North American Conference on Symbiotic Nitrogen Fixation. Columbia, MO. 6 June 2002. (Invited)

Purcell, L.C. 2002. Matching Soybean Production Systems with Weather Patterns for Drought Avoidance. Tri-State Soybean Conference. Tallulah, LO. 3 January 2003. (Invited)

Purcell, L.C. 2002. Early Season Soybeans - Do's and Don't's. Tri-State Soybean Conference. Dumas, AR. 4 January 2002. (Invited)

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Srivastava, V. 2002 Seminar in Department of Biochemistry, Kansas State University, April 24, 2002. (Invited)

Stewart, J.McD. Stewart, M. Ulloa, A. Gaytán-M, and E.A. Garcia. Evaluation of the in situ status of cotton germplasm in southern Mexico. CSSA Annual Meetings, Nov. 10-14, 2002, Indianapolis, IN

Stiers, E.N. N. R. Burgos, D. R. Gealy, and P. A. Counce. 2002. Photosynthetic Response of Rice and Red Rice to Shading. Paper presented at the 29th Rice Technical Working Group Meeting, February 24 - 27, 2002, Little Rock, Arkansas.

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Evaluation of Two Foliar N Sources for Cotton Fertilization. January 8-12. Beltwide Cotton Prod. Res. Conf. Atlanta, Georgia.

West, C.P., I.S. Braden, D.B. DeLaune, and P.A. Moore. 2002. Comparison of Phosphorus Indexes for Nutrient Management Planning on Beef-Poultry Farms. Amer. Forage Grassland Conference, Bloomington, MN, July 16.

West, C.P. 2002. Forage Physiology Research on Tall Fescue-Endophyte. SERAIEG-8 Tall Fescue Toxicosis Meeting, October 28-29, Natchez State Park, TN.

West, C.P. 2002. Adaptation of New, Nontoxic Endophytes for Tall Fescue in Missouri and Arkansas. Missouri Extension Agents In-Service Training session, January 30.

White, Jr., P.M., G.J. Thoma, D.C. Wolf, and E.E. Gbur. 2002. Field Scale Phytoremediation of Petroleum-Contaminated Soil. In Ninth Annu. Int. Petroleum Environmental Conf. Albuquerque, NM. 22-25 Oct. 2002. Integrated Petroleum Environmental Consortium, Tulsa, OK. p. 67.

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Zhang, S. and G. Sheng. 2002. Partition-Limited Plant Uptake of Pesticides from Water. 2002 Annual Meetings, Soil Science Society of America, Indianapolis, IN.

Zhang, P., G. Sheng and D.C. Wolf. 2002. Reduced Biodegradation of Benzonitrile in Soil Containing Particulate Matter from Crop Residue Burns. 2002 Annual Meetings, Soil Science Society of America, Indianapolis, IN.

Zheng, C., H. A. Diallo, P. Chen, R. C. Gergerich, S. L. Wickizer, T. Hymowitz, and G. R. Buss. 2002. Reactions of Glycine Species to Diverse Isolates of Bean Pod Mottle Virus. Annual ASA Meetings. Indianapolis, IN.

Agricultural and Extension Education

Arthur, N.L. (2002). You Can Be Successful in College. Presented at Bergman FFA Meeting, January 24, 2002, Bergman, AR.

Arthur, N.L. (2002). Agriculture as a Career. Prairie Grove Agriculture Meeting, January 28, 2002, Prairie Grove, AR.

Arthur, N.L. (2002). Careers in ETC. Presented at the Sub-Area Leadership Contest, March 4, 2002, Mansfield, AR.

Arthur, N.L. (2002). Opportunities for you at the University of Arkansas. Men High School, March 14, 2002, Men, AR.

Arthur, N.L. (2002). Careers in Agriculture for Women. Presented at the Sigma Alpha Regional Meeting, April 13, 2002, Fayetteville, AR.

Arthur, N.L. (2002). Financing Your Education. Presented to the Mountainburg High School Seniors, April 15, 2002, Mountainburg, AR.

Arthur, N.L. (2002). Importance of FFA. Presented to Men FFA Banquet, April 29, 2002, Men, AR.

Arthur, N.L. (2002). Careers in ECT. Presented at the State 4-H O'Rama, July 24, 2002, Fayetteville, AR.

Arthur, N.L. (2002). Professionals in Agriculture. Presented to the AGR Fraternity, November 18, 2002, Fayetteville, AR.

Herring, D.R. (2002). FFA-Foundation for Future Achievement. Presented to Pea Ridge FFA Banquet, May 9, 2002.

Food Science

Hettiarachchy, N.S., R. Cai, and M. Jalalludin. 2002. Polyphenolic Characterization in Cowpea and Potential Nutraceutical and Functional Uses. International World Nutra Annual Meeting. San Diego, CA. October.

Howard, L.R. 2002. Antioxidant Capacity and Phenolic Content of Different Colored Table Grapes. Vitic. Enol. Res. Meeting. Fayetteville, AR. November.

Howard, L.R. 2002. Good Agricultural Practices. The Advanced Horticulture Food Crops Symposium. Texas A&M University. College Station, TX. October.

Howard, L.R. 2002. Health Benefits of Grapes and Wine. 21st Annual Horticulture Industries Show. Tulsa, OK.

Howard, L.R. 2002. Healthy Aspects of a Mediterranean Diet. Ozark, IFT. February.

Howard, L.R. 2002. Overview of Functional Foods Research. U of A Cooperative Extension Service. ANR Strategic Planning Session. Heber Springs, AR. October.

Howard, L.R. 2002. Phenolic Content and Oxygen Radical Absorbing Capacity (ORAC) in Blueberries as Affected by Cultivar and Harvest Season. 21st Annual Horticulture Industries Show. Tulsa, OK.

Howard, L.R. 2002. Postharvest Physiology, Concepts and Considerations. The Advanced Horticulture Food Crops Symposium. Texas A&M University. College Station, TX. October.

Howard, L.R. 2002. Pressurized Liquid Extraction of Procyanidins from Grape Seeds. University of Arkansas, Food Science Department Seminar. February.

Howard, L.R. 2002. Role of Food Science in ANESA. Arkansas Nutrition and Environmental Studies Alliance (ANESA) Annual Meeting. Little Rock, AR. February.

Janes, M.E. and M.G. Johnson. 2002. Rapid Methods for Identification of Foodborne Pathogens on Raw Produce and Prevention and Control of Foodborne Pathogens on Fruits and Vegetables. Universidad Autonoma De Coahuila, Saltillo, Coahuila, Mexico. May.

Johnson, M.G. 2002. Update on the Listeria Hysteria to the Faculty and Graduate Students of the UAF Biological Sciences Dept. December.

Ko, S., M.E. Janes, N.S. Hettiarachchy, and M.G. Johnson. 2002. Effects of Protein Edible Films on Control of *L. monocytogenes*. 93rd AOCS Annual Meeting. Montreal, Quebec, Canada. Abstract PCPP.S155.

Brownmiller, C.R., L.R. Howard and J.R. Clark. 2002. Antioxidant Capacity and Phenolic Content of Blueberry Cultivars and Breeding Selections as Affected by Growing Season. Abstract 76C-9. Institute of Food Technologists Annual Meeting. Anaheim, CA. June.

Cai, R., N.S. Hettiarachchy and M. Jalaludin. 2002. Characterization of Proteins in Fleshes and Seeds of Bitter Melon. IFT Annual Meeting. Anaheim, CA. Abstract #30C-4, P. 57. June.

Cai, R., N.S. Hettiarachchy and R. Horax. 2002. Enzyme Catalyzed Peptides from Heat-Stabilized and Defatted Rice Bran (HDRB). IFT Annual Meeting. Anaheim, CA. Poster. Abstract #30C-3, p. 57. June.

Chung, W.K. and J.F. Meullenet. 2002. Characterization of Starches From Long Grain Rice Varieties During Rough Rice Storage. AACC Annual Meeting. Abstracts. Montreal, Canada.

Chung, W.K. and J.F. Meullenet. 2002. Effect of Protein-Starch Interactions on Thermal and Pasting Properties of Rice During Storage. IFT Annual Meeting. Abstract. Anaheim, CA.

Chung, W.K., J.F. Meullenet, and J.A. Hankins. 2002. Physicochemical and Instrumental Data Analysis for Prediction of Cooked Rice Sensory Texture Attributes. IFT Annual Meeting. Abstract. Anaheim, CA.

Dias, P.N., S. Zivanovic, T. A. Howell, Jr., J.F. Meullenet, and R. Buescher. 2002. Rheological Characterization of Sweet Pickle Relish Brines. IFT Annual Meeting. Abstract. Anaheim, CA.

Eswaranandam, S., N.S. Hettiarachchy, and Z.Y. Ju. 2002. In vitro Digestibility of Salt Incorporated Protein Films. IFT Annual Meeting. Anaheim, CA. Poster. Abstract #30C-10, P. 57. June.

Fendley, J.W., J.M. Manski and T.J. Siebenmorgen. 2002. Laboratory Simulation of Turn flow Operation: Effects on Milling Quality. ASAE Paper No. 026159. Chicago, IL. July.

Finney, M.L. and J.F. Meullenet. 2002. Relationship Between Sensory Hardness and Cohesiveness Perception and Their Instrumental Corollaries: A Case Study on Gelatin Gels. IFT Annual Meeting. Abstract. Anaheim, CA.

- Gallazzini, S., M. L. Finney and J. F. Meullenet. 2002. Imitative Instrumental Tests for Predicting Perceived Sensory Hardness of Cheddar Cheese. IFT Annual Meeting. Abstract. Anaheim, CA.
- Gangidi, Rahul Reddy, A. Proctor, F.W. Pohlman. 2002. Rapid Determination of Spinal Cord Adulteration in Ground Beef by Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy (ATR-FTIR). IFT-Muscle Foods Division Graduate Research Paper Competition. Anaheim, California.
- Hausam, J.G., P.G. Crandall, C.O. O'Bryan, N.S. Hettiarachchy, and D.U. Ahn. 2002. Ascorbic Acid and Sodium Chloride Effects on Microbial Stability and Quality Characteristics of Irradiated Poultry Breast Meat. IFT Annual Meeting. Anaheim, CA. Poster. Abstract #96-3, P. 235. June.
- Hettiarachchy, N.S., C.K. Yang, R. Horax, S. Eswaranandam, R. Cai, M.G. Jonson, J. Dickson, and S. Niehburv. Effect of Antioxidants and Plant Extracts on Physicochemical Properties and Quality of Irradiated Chicken Breasts on Storage at 5oC. Progr. Reports, pp. UA-22-29.
- Hettiarachchy, N.S., R. Cai, and C.K. Yang. 2002. Comparison of Water Soluble Protein Fractions from Chicken Breast Meat. IFT Annual Meeting. Anaheim, CA. Poster. Abstract #30G-6, p. 57. June.
- Janes, M.E., B. Lungu, and M.G. Johnson. 2002. Edible Zein Film Coating Containing Nisin and EDTA to Control *Listeria monocytogenes* (L.m.) Inoculated Onto the Surfaces of Turkey Franks. Int. Assoc. Food Protection Ann. Mtg. Abstr. Paper No. P. 174, pp. 103-104. June.
- Jia, C., W. Yang, B. Wu, T.J. Siebenmorgen. 2002. Mathematical Modeling and Glass Transition Mapping for Rice Drying in a Cross-flow Dryer. ASAE Paper No. 026073. Chicago, IL. July.
- Jia, C., W. Yang, T.J. Siebenmorgen and Q. Liu. 2002. Development of a Computer Prediction System for In-Bin Rice Drying and Aeration. Abstract IFT. Anaheim, CA. June.
- Ju, Z.Y. and L.R. Howard. 2002. Pressurized Liquid Extraction of Phenolics from Grape Seeds. Abstract 100-C5. IFT Annual Meeting. Anaheim, CA. June.
- Kang, H.J., W.K. Chung, J.F. Meullenet, and K.S. Kim. 2002. Ultrastructure of Developing Rice Endosperm Observed by Electron Microscopy. Abstract IFT. Anaheim, CA.
- Kuakpetoon, Daris and Kuakpetoon, K., and Y.-J. Wang. 2002. Physicochemical Properties Of Oxidized Corn Starches with Different Amylose Contents. AACC Annual Meeting. Montreal, Canada.
- Lam, H.S. and A. Proctor. 2002. Free Fatty Development and Oxidation on Milled Rice. IFT Annual Meeting. Anaheim, California.

- Lam, H.S. and A. Proctor. 2002. The Effect of Naturally Occurring Damaged Kernels in Rough Rice on Milled Rice Free Fatty Acid Levels. IFT Annual Meeting. Anaheim, California.
- Lam, S.H. and A. Proctor. 2002. Free Fatty Acid Development and Lipid Oxidation on Milled Rice. Annual Meeting of the AOCS. Montreal, CA. May.
- Lam, S.H. and A. Proctor. 2002. Kinetic and Mechanism of Free Fatty Acid Formation on Milled Rice. Annual Meeting of the AOCS. Montreal, CA. May.
- Lenjo, M.T, W.K. Chung and J. F. Meullenet. 2002. Effect of Rough Rice Storage on Amylose and Protein Content in Rice. AACC Annual Meeting. Abstracts. Montreal, Canada.
- Liu, Wanjun, Zhenhua Sun, and Ya-Jane Wang. 2002. Corn Starch and Polyethylene Blends With improved Mechanical Properties. Corn Utilization and Technology Conference. Kansas City, MO.
- Liu, Z., W. Yang and T.J. Siebenmorgen. 2002. Development of a Colorimetric Method for Evaluating Endosperm Contamination of Corn Pericarp Isolated Through Ultrasound Processing. Abstract IFT. Anaheim, CA. June.
- Lunga, B., M.E. Janes, and M.G. Johnson. 2002. MGJ-04 Project: Partial Reduction at 80C of *Listeria monocytogenes* Inoculated on Turkey Hotdogs and Coated with Zein Containing Nisin and EDTA. Progr. Reports, P. UA-83-88.
- Main, G.L. and J.R. Morris. 2002. Challenges of Producing Wine from Cynthiana/ Norton Grapes. 53rd Ann. Mtg. Am. Soc. Enol.Vitic. Portland, OR. June.
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- Moiny, V., J.F. Meullenet, and Monsoor, M. A. and A. Proctor. 2002. Reduction of Rice Surface Total Lipids and Free Fatty Acid by Water Washing. Annual Meeting of AOCS. Montreal, CA. May.
- Monsoor, M. A. and A. Proctor. 2002. Aqueous Extraction of Emulsified Oil from Rice Bran. Annual Meeting of AOCS. Montreal, CA. May.
- Monsoor, M.A. and A. Proctor. 2002. Effect of Water Washing on the Reduction of Total Lipid, Free Fatty Acids and Conjugated Diene Content of Milled Rice. IFT Annual Meeting. Anaheim, California.
- Nakazawa, Y., and Y.J. Wang. 2002. Effects of Annealing on the Fine Structure and Gelatinization Characteristics of Starch from Different Botanical Origins. AACC Annual Meeting. Montreal, Canada.

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Hettiarachchy, N.S. 2002. Shelf-Life Stability of Vacuum Packaged Rabbit Meat Stored at 5oC. Pel-Freez. Springdale, AR.

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Howard, L.R. 2002. Development of Soaking Agent Treatments to Reduce Process Time of Flavored Beans. Bush Brother's & Company Research Meeting. November.

Howard, L.R. 2002. Good Agricultural Practices. Farmers Market Cooperative Annual Meeting. Springdale, AR. February.

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Howard, L.R. 2002. Development and Health Benefits of Functional Foods Derived from Mid-South Crops. IFAFS-USDA.

Howard, L.R. 2002. Factors Affecting Bitterness in Processed Squash Puree. Gerber Food Products Company.

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Proctor, A. 2002. Structural Analysis and Reduction of Carbon Content of Commercial Rice Hull Ash. Institute of Food Science and Engineering/Agrilectric. May.

Proctor, A. 2002. Introduction to the Program. Anheuser-Busch Symposium. Food Science Department, University of Arkansas. June.

Siebenmorgen, T.J. 2002. Semi-Annual Program Reports of the Rice Processing Program. Updates of Research and Extension Activities of the Rice Processing Program to Corporate Sponsors. Fayetteville (June) and Little Rock (December).

Siebenmorgen, T.J. 2002. University of Arkansas Rice Processing Program Research Update Series. These are Monthly Research Reports Sent to Corporate Sponsors of the Rice Program.

Siebenmorgen, T.J. 2002. Research Findings on Study of Rice Quality as Affected by Harvest Moisture Content. Riceland Foods at Stuttgart, AR. November.

Siebenmorgen, T.J. 2002. Presented Research Overview of the RPP to Delegation from Kraft Foods from Chicago and Riceland Foods at Jonesboro, AR. September.

Siebenmorgen, T.J. 2002. Presented Results of Commercial Drier Testing to Producers Rice Mill in Stuttgart, AR. May.

Siebenmorgen, T.J. 2002. Attended the Annual Rice Research and Extension Center Field Day at Stuttgart, AR. Presented Two Posters on Research in Rice. August.

Siebenmorgen, T.J. 2002. Attended the Arkansas Nutrition and Environmental Studies Alliance Kick-off Meeting in Little Rock. February.

Siebenmorgen, T.J. 2002. Attended Arkansas Rice Research and Promotion Board Meeting in Little Rock. February.

Siebenmorgen, T.J. 2002. Attended Meeting with Members of the Northeast AR Food Industry in Jonesboro, AR at the Request of Dr. Shult to Discuss Food Science Education Opportunities. August.

Siebenmorgen, T.J. 2002. Attended the Annual Farm Bureau Picnic at Fayetteville. July.

Siebenmorgen, T.J. 2002. Attended the ASAE International Meeting in Chicago. July-August.

Siebenmorgen, T.J. 2002. Hosted Member of Syngenta in Fayetteville to Discuss Funded Research. March.

Siebenmorgen, T.J. 2002. Met with Danny Kennedy and Carl Brothers of Riceland Foods in Stuttgart, AR to Discuss Rice Processing Program Advisory Board Formation. May.

Siebenmorgen, T.J. 2002. Participated in the Sun Grant Planning Initiative Meeting in Dallas, TX at the Request of Dr. Weidemann. June.

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Aboukinane, C. R., E. Lacy and G. S. Osborn. 2002. "Evaluation of a portable electronic nose for determining Off-Volatiles in unroasted peanuts." 2002 ASAE International Meeting, Chicago, IL. ASAE paper no. 026099.

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Barreto, A., J.F., D.J. Carrier and E.C. Clausen, "Extraction of Silymarin Compounds from Milk Thistle (*Silybum marianum*) Seed Using Hot, Liquid Water as the Solvent," presented at the American Institute of Chemical Engineers Mid America Regional Conference, Iowa City, IA, April 2002.

Barreto, A., J.F., D.J. Carrier and E.C. Clausen, "Extraction of Nutraceuticals from Milk Thistle: 2. Hot Water Extraction," presented at the 24th Symposium on Biotechnology for Fuels and Chemicals, Gatlinburg, TN, April 2002.

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Chaubey, I. and T.A. Costello. 2002. Spatial data requirements for TMDL development using water quality models. Faculty Impact Statement submitted for 2002.

Chaubey, I. Nonpoint Source Pollution Control and Modeling: New graduate class prepares students to tackle complex environmental problems. Faculty Impact Statements submitted for 2002.

Cheng, Y., H. Yang, B. Swem, C. Ruan, and Y. Li. 2002. Antimicrobial treatment of fresh-cut lettuces with electrochemically activated water using a lab-scale sprayer. Presented at IFT 2002 Annual Meeting, June 15-19, Anaheim, LA. Paper #12204.

Cotter, A.S., I. Chaubey, T.A. Costello, M.A. Nelson, and T. Soerens. 2002. "Effect of spatial data resolution on SWAT output uncertainty." ASAE Paper No. 02-2012, ASAE, St. Joseph, MI.

Cotter, A.S., I. Chaubey, T.A. Costello, M.A. Nelson, and T. Soerens. 2002. "TMDL Data Requirements for Agricultural Watersheds." Proc. Total Maximum Daily Load (TMDL): Environmental Regulations Conference. ASAE, St. Joseph, MI. pp. 408-415.

Garg, V., and I. Chaubey. 2002. "Watershed curve number estimates based on rainfall". In Welty, C. (ed.), American Water Resources Associations 2002 Annual Water Resources Conference Proceedings. American Water Resources Association, Middleberg, VI, TPS-02-4, 328 pp.

Garg, V., I. Chaubey, and B.E. Haggard. 2002. "Quantification of model output uncertainty due to watershed size." ASAE Paper No. 02-2227. ASAE, St. Joseph, MI.

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Griffis, C.L. and I. Chaubey. Teaching online: an innovative pedagogical tool. Southern Region Teaching Symposium. Oct 6 – 8, 2002.

Griffis, C.L., M.F. Slavik and Y. Li. 2002. Rapid fluorescence microscopy using image analysis and antibody immobilization for recognition and enumeration of Salmonella Typhimurium. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Report, P. 99-102 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Gwathmey, C.O. and E.D. Vories. 2002. "Last effective cotton bolls." P. 8 In Tour Reports, 2002 Milan No-Till Crop Production Field Day & Equipment Demonstrations. The University of Tennessee Institute of Agriculture, July 25.

Kim, J. W., M. Li, and T.L. Peeples. 2002. "Bioconversion Potential of Extremophilic Aqueous Two-Phase Reactor System." 2002 American Society of Agricultural Engineers (ASAE)-Congress of the International Commission of Agricultural Engineering (CIGR) International Annual Meeting, Chicago, IL.

Li, Y. 2002. Food safety engineering: An emerging area from microbiology and engineering. Presented at IBE 2002 Annual Meeting, January 18-21, Baton Rouge, LA.

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Li, M., M. Hanford, J. W. Kim, and T.L. Peeples. 2002. "Modeling of Enzymatic Reactions in Interfacial Catalysis." 94th AIChE Ann. Meet. (Food, Pharmaceutical, and Bioengineering Session), Indianapolis, IN.

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Murphy, R.Y., L.K. Duncan, J.A. Marcy, N.M. Kotrola, and R.E. Wolfe. 2002. "Comparing Steam and Hot Water Treatment during Pasteurization of Fully Cooked and Vacuum Packaged Chicken Breast Strips." PSA Annual Meeting. Abs. 60. P. 15. Aug 11-14, 2002. Newark, DE. (oral presentation)

Murphy, R.Y. and E.R. Johnson. 2002. "Thermal inactivation of Salmonella Senftenberg and Listeria innocua in undercooked meat product during impingement cooking." IAFP Annual Meeting. June 30 - July 3. San Diego, CA.

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Murphy, R.Y., M.E. Berrang, and E.R. Johnson. 2002. "Thermal inactivation kinetic values of Salmonella and Listeria innocua in commercially formulated meat and poultry products." IFT Annual Meeting. June 15-19. Anaheim, CA. abstract 97-2. (oral presentation)

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Osaili, T.M. and R.Y. Murphy. 2002. "Thermal inactivation of Salmonella Senftenberg and Listeria innocua in chicken leg quarters during impingement cooking." Food Safety Consortium. August 14. 2002. Manhattan, KS. (oral presentation).

Purcell L.C. and E.D. Vories. 2002. Soybean drought tolerance research summary. Annual Report to AR Soybean Promotion Board.

Seward, K., D.J. Carrier, L. Howard and E.C. Clausen, "Extraction of Lycopene from Watermelon," presented at Pharmaceutical Forum 2002, the Southern Regional Discussion Group of the American Association of Pharmaceutical Scientists, Little Rock, AR, May 2002.

Su, X., and Y. Li. 2002. Immuno-quartz crystal microbalance sensors for rapid detection of Escherichia coli O157:H7. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract P. 405 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Swem, B., H. Yang, Y. Cheng and Y. Li. 2002. Reduction of aerobic microbes attached to fresh-cut lettuce using electrochemically activated water spray. Presented at IAFP 2002 Annual Meeting, June 30-July 3, San Diego, CA. Paper No. P163, p100 in: IAFP 89th Annual Meeting Program and Abstract Book, International Association for Food Protection, Des Moines, IA.

Tacker, P., E. Vories and D. Kratz. 2002. "Rice irrigation water management for water, labor and cost savings." Annual Report to AR Rice Research and Promotion Board.

Thomas, A.E, G.S. Osborn, S.R.M. Pinson, 2002. "Determining the effect of moisture diffusivity on rice fissure resistance." Rice Technical working group, Little Rock, AR.

Trujillo, Omar, C. L. Griffis, Y. Li, M. F. Slavik. 2002. "A machine vision system using immuno-fluorescence microscopy for rapid recognition of Salmonella typhimurium." Presented at the International Meeting of ASAE, Chicago July 2002.

Varshney, M., Y. Liu and Y. Li. 2002. A chemiluminescence fiber optic biosensor coupled with immunomagnetic separation for detection of S. typhimurium in food samples. ASAE Paper #027021. American Society of Agricultural Engineers, St Joseph, MI.

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Gloeckler, T. Exhibit: Assemblages, Works by Tad Gloeckler (the only artist featured). Walton Arts Center McCoy Gallery, Fayetteville, Arkansas, July 15-August 31, 2002.

Gloeckler, T. Gill-Spring lure and container. 2002 Design Educators' National Juried Exhibition, Hard-Copy Exhibition Publication and Virtual Exhibition created by Oklahoma State University, Stillwater, OK, October 2002-October 2003. <http://art.okstate.edu/dene>.

Gloeckler, T. Bicycle 'CHOP' kit. 2002 Design Educators' National Juried Exhibition, Hardcopy Exhibition Publication and Virtual Exhibition created by Oklahoma State University, Stillwater, OK, October 2002-October 2003. <http://art.okstate.edu/dene>.

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Gloeckler, T. Frog Go-Go (project #5). 30th Annual Toys Designed by Artists Exhibition, National Juried Exhibition, Arkansas Arts Center, Decorative Arts Museum, Little Rock, Arkansas, November 28, 2002-January 5, 2003.

Gloeckler, T. Rapid deployment shelter (RDS) Volkswagen Beetle, Selected for exhibition by the Interior Design Educators' Council (IDEC) National Juried Exhibition, IDEC National Conference, Santa Fe, NM, March 2002.

Gloeckler, T. Exhibit: Great spaces, great faces -- section and elevation models of historic architecture. (Works by 2nd year University of Arkansas architecture students.) The American Institute of Architects (AIA) and The American Architectural Foundation. Headquarters Gallery, Washington, DC, March 6-April 26, 2002.

Gloeckler, T. Completed schematic design on a 2500 square foot residence in Fayetteville, Arkansas area. Construction began in September 2002.

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Popp, M., P. Manning, L. Oliver, T. Keisling, E. Gordon and P. Counce. "Hipped Bed Planting in Dry Clayey Soils: Comprehensive production Observations." Poster presented at Fields Day in Stuttgart, AR, Keiser, AR and Rohwer, AR, August 2002.

Wailes, E. J., J. Popp, K. B. Young, J. Smartt. 2002. Economics of On-farm Reservoirs With and Without Access to Off-Farm Sources of Reservoir Fill. Poster presented at Rice Field Days, Stuttgart, AR, August 8.

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Norman, R.J., C.E. Wilson, Jr., N.A. Slaton, D.L. Boothe, K.A. Moldenhauer, and J.W. Gibbons. 2002. Influence of Seeding Date on the Degree-Day 50 Thermal Unit Accumulations and Grain Yields of New Rice Cultivars. In R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 495:179-186.

Norman, R.J., C.E. Wilson, Jr., N.A. Slaton, D.L. Boothe, K.A. Moldenhauer, and J.W. Gibbons, D.L. Frizzell, and S.D. Clark. 2002. Grain Yield Response of New Rice Cultivars to Nitrogen Fertilization. In R.J. Norman and J.F. Meullenet (eds.) Rice Research Studies 2001. University of Arkansas Agri. Exp. Stn. Res. Ser. 495:187-201.

Oosterhuis, D.M., Robertson, W.R. McConnell, J.S. and Brown, R.S. 2002. Evaluation of Soil and Foliar Fertilization with Boron in Arkansas. In N. Slaton (ed.) Arkansas Soil fertility Studies 2001. AR Agri. Exp. Sta., Univ. Arkansas, Res. Ser. 490: 34-36.

Oosterhuis, D. (ed.) 2002. Proceedings Edited. Summaries of Cotton Research 2001, Ark. Agri. Exp. Stn., Research Series 497 (50 papers, 301 pages)

Popp, M.J., P.A. Counce, P. Manning and T.C. Keisling. 2002. Early Termination of Rice Irrigation: Potential Water Savings and Alternative Uses. In R.J. Norman and J.F. Meullenet, Eds., Rice Research Studies 2001. University of Arkansas Agricultural Experiment Station Research Series 495:300-308.

Rajguru, S.N., N.R. Burgos, D.R. Gealy, and J.McD. Stewart. 2002. Genetic Fingerprinting of Red Rice Using SSR Primers. In R.J. Norman (ed.) B.R. Wells Rice Research Studies 2001. P. 53-57.

Slaton, N.A., J. McGee, R.J. Norman, R.E. DeLong, and C.E. Wilson, Jr. 2002. The Effect of Phosphorus Fertilizer Rate and Application Time on Seasonal Phosphorus Uptake by Rice. In R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 495:202-211.

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Slaton, N.A., R.E. DeLong, and S.D. Clark. 2002. Soybean Response to Potassium Fertilizer Rate Following Rice in Rotation. In N.A. Slaton (ed.) W. E. Sabbe Arkansas Soil Fertility Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 490:42-44.

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- R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 495:202-211.
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- Widick, J.D., R.G. Harrell, and J.M. Dunn. 2002. Adaptation of Soybean Cultivars to Restrictive Soil Environments. In Nathan A. Slaton (Ed.) Wayne E. Sabbe Arkansas Soil Fertility Studies 2001. Ark. Agr. Exp. Sta. Res. Ser. 490.
- Wilson, C.E., Jr. D.L. Frizzell, Y. Xia, N.A. Slaton, R.J. Norman, and D.L. Boothe. 2002. Evaluation of Phosphorus Availability to Paddy Rice. In R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 495:230-238.
- Wilson, C.E., Moldenhauer, K., Gibbons, J., Cartwright, R., Lee, F., Norman, R., Bernhardt, J., Slaton, N., Blocker, M., Tolbert, A., Branson, J. 2002. Arkansas Rice Performance Trials, 2000-2002. Univ. of Arkansas Cooperative Extension Service Rice Information Sheet No. 148.
- Wilson, C.E., Jr. D.L. Frizzell, N.A. Slaton, R.J. Norman, and D.L. Boothe. 2002. Influence of Simulated Hail Injury to Four Rice Cultivars at Seedling Growth Stages. In R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Stn. Res. Ser. 495:224-229.
- Wilson, C.E., Jr. D.L. Frizzell, Y. Xia, N.A. Slaton, R.J. Norman, and D.L. Boothe. 2002. Evaluation of Phosphorus Availability to Paddy Rice. In R.J. Norman and J.F. Meullenet (eds.) B.R. Wells Rice Research Studies 2001. AR Agri. Exp. Stn. Res. Ser. 495: 230-238.
- Yan, W.G., F.N. Lee, J.N. Rutger, K.A. Moldenhauer, and J.W. Gibbons. 2002. Chinese Germplasm Evaluation for Yield and Disease Resistance. In R.J. Norman and J.F. Meullenet (eds.) Rice Research Studies 2001. University of Arkansas Agricultural Experiment Station Series 495:349-358.
- Yan, W.G., J.N. Rutger, K.A. Moldenhauer, and J.W. Gibbons. 2002. Straighthead-Resistant Germplasm Introduced from China. In R.J. Norman and J.F. Meullenet (eds.) Rice Research Studies 2001. University of Arkansas Agri. Exp. Sta. Ser. 495: 358-368.
- McConnell, J.S., J.D. Mattice, R.C. Kirst, Jr., and B.W. Skulman. 2002. Soils and Sediment Losses from Cotton Fields: Amounts and Rates. Distributed at the Fifth Ann. Nat. Conser. Till. Conf. 24-25 Jan.

McConnell, J.S., J.D. Mattice, R.C. Kirst, Jr., and B.W. Skulman. 2002. Conservation Tillage and Water Quality in Cotton - Facts Sheet. Distributed at the Fifth Ann. Nat. Conser. Till. Conf. 24-25 Jan.

Slaton, N.A. 2002. Why Soil Testing? On the Farm - In the South 1(1):20.

Snyder, C.S. and N.A. Slaton. 2002. News and Views - Regional Newsletter Published by PPI and PPIC. Effects of soil flooding and drying on phosphorus reactions. April 2002.

Snyder, C.S. and N.A. Slaton. 2002. Rice Production in the United States - An Overview. Better Crops International. 16:30-35.

Wilson, C.E., Jr., B. Scott, K. Smith, R.D. Cartwright, K.A. Moldenhauer,, J. Gibbons, J.L. Bernhardt, R.J. Norman, F.N. Lee, N.A. Slaton, M. Blocker, A. Tolbert, and J. Branson. 2002. Clearfield Rice - A New Approach to Red Rice Control. Coop Ext. Serv. Rice Info. Ser. No. 153.

Wilson, C.E., Jr., K.A. Moldenhauer,, J. Gibbons, R.D. Cartwright, M. Blocker, F.N. Lee, B. Koen, R.J. Norman, J.L. Bernhardt, and N.A. Slaton. 2002. Arkansas Rice Performance Trials, 1999-2001. Coop. Ext. Serv. Rice Info. Ser. No. 148

Wilson, C.E., Jr., K.A. Moldenhauer,, J. Gibbons, M. Blocker, R.J. Norman, J.L. Bernhardt, F.N. Lee, and N.A. Slaton. 2002. Ahrent - A summary of Research and Management Recommendations. Coop Ext. Serv. Rice Info. Ser. No. 149.

Wilson, C.E., Jr., K.A. Moldenhauer,, J. Gibbons, R.D. Cartwright, F.N. Lee, R.J. Norman, J.L. Bernhardt, N.A. Slaton, M. Blocker, A. Tolbert, and J. Branson. 2002. AR Rice Performance Trials., 2000-2002. Coop. Ext. Serv. Rice Info. Ser. No. 151.

Wilson, C.E., Jr., K.A. Moldenhauer,, R.D. Cartwright, J. Gibbons, R.J. Norman, J.L. Bernhardt, F.N. Lee, N.A. Slaton, M. Blocker, A. Tolbert, and J. Branson. 2002. Francis - A Summary of Research and Management Recommendations. Coop Ext. Serv. Rice Info. Ser. No. 152.

Agricultural and Extension Education

Donald M. Johnson served on the Department of Health and Human Services, Center for Disease Control Grant Review Panel in Marshfield, Wisconsin in July.

Jefferson Miller attended an 8-hour Professional Development Workshop on "Conducting Qualitative Research" at AAAE Research Pre-Session, December 10, 2002, Las Vegas, Nevada.

Food Science

Hettiarachchy, N.S. 2002. A Variety of Protein Films and Product Applications were Showcased to the Research and Sponsored Program. University of Arkansas, Department of Food Science. September.

Hettiarachchy, N.S. 2002. Edible Film Production at Both Laboratory Scale and Pilot Plant Scale Using Draw Down Equipment and Extruder, and a Variety of Product Applications were Showcased to Arkansas Soybean Research and Promotion Board Members. August.

Hettiarachchy, N.S. 2002. Research Conducted was Showcased to Dr. Roeder, the Associate Dean of the College of Agriculture.

Hettiarachchy, N.S. 2002. Two New Posters Relating to our Research are on Display Outside our Laboratory.

Hettiarachchy, N.S. and S. Eswaranandam. 2002. Organic Acids Incorporated Edible Antimicrobial Films. November.

Wang, Ya-Jane. 2002. Actively working with Anheuser-Busch Brewing group and secured funding for one project beginning next year.

Biological and Agricultural Engineering

Bajwa, S.G. Formed a multi-disciplinary, multi-institutional Arkansas Precision Agriculture Working Group (ARPAWG) for addressing precision agriculture issues and challenges in the State, and to coordinate research, education and extension efforts in this area.

Bajwa, S.G. Organized and co-taught a GIS training session for extension engineers at Little Rock, Arkansas

Attended IEEE Ozark section meeting, and visit to Dozier Knife Manufacturing facility in Springfield, Missouri (September 19, 2002)

Bajwa, S.G. Attended ASAE state section meeting at Little Rock, and organized and co-taught a professional development course for agricultural engineers.

Bajwa, S.G. Attended State Cotton Support Committee meeting at Keiser, Arkansas (March 13, 2002)

Bajwa, S.G. Met with Soybean Research Verification program coordinators (January 20, 2002) and decided on collaboration.

Bajwa, S.G. Attended Agricultural Equipment Technology Conference at Kansas City, Missouri.

Bajwa, S.G. Attended and moderated a session and represented Epsilon Chapter of Alpha Epsilon at the 2002 ASAE annual meeting in Chicago Illinois.

Bajwa, S.G. Attended Biodiesel conference in Little Rock, AR, December 3, 2002.

Bajwa, S. G. Two of my undergraduate students received undergraduate research grant from the DCAFLS.

Li, Y., L. Yang and C. Ruan. 2002. Immunobiosensor chips for detection of Escherichia coli O157:H7 using electrochemical impedance spectroscopy. US Patent in filing process, July 18, 2002.

Li, Y., C. Ruan and L. Yang. 2002. A Rapid and Automated Electrochemical Method for Detection of Viable Salmonella typhimurium in Foods. US Patent pending, Application Number 60/401,489, August 2, 2002.

Li, Y., and Y. Liu. 2001. Capillary-Column-Based Bioseparator/Bioreactor with an Optical Detector for Rapid Detection of Escherichia coli O157:H7. US Patent pending, Application Number 60/376,608, February 26, 2002.

Matlock, M., Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, Swimming Upstream: Collaborative approaches to watershed management. Healthy Ecosystems-Healthy People, International Conference of Ecosystem Health. June 2002. Washington, DC

Matlock, M. Session Chair, Stakeholder Involvement in TMDLs. National TMDL Science and Policy Conference. WEF/EPA/ASIWPCA/USDA, November, 2002, Phoenix, AZ.

Peeples, T.L. and J.W. Kim. Extremophilic Conversion of Corn to Higher Value Products. UIRF No. 02005 [Invention Disclosures – Pending]

Peeples, T.L. and J.W. Kim. Novel Method for the Production of an Organic Acid. UIRF No. 02005 [Invention Disclosures – Pending]

Agricultural Statistics

Dr. Mauromoustakos and Kevin Thompson have developed an innovative software program that allows a user with minimal training to actively keep and display visual basketball statistics on games he/she is watching in person or the TV.

School of Architecture

BOOKS PUBLISHED:

Beatty, Frances G., Under signed agreement (from May 2002, with Center of American place based upon chapter proposal "Landscape Metaphysics" to produce précis for book.

Blackwell, Marlon, Whitney Library of Design, an imprint of Watson-Guptill Publications, New York, New York, Private Towers, by James Grayson Trulove and Il Kim, (pg. 156-173), August 2002. (The book is a documentation of (12) exemplary new single-family homes that are towers. The Keenan TowerHouse in Fayetteville, Arkansas is featured. The book is in large, full color, coffee table format.

Boyer, Mark E., 2002, SPB Academic Publishing bv, Approaches to Coastal Wetland Restoration: Northern Gulf of Mexico, R. Eugene Turner and Bill Streever.

REFEREED ARTICLES AND PROCEEDINGS:

Beatty, Frances G., "Creasing an Economic Edge: The Interdisciplinary Renovation of Boston's From Pond in the Common, Boston, Massachusetts", Calgary, Alberta, Canada, International Federation of Landscape Architects, May 28, 2003

Beatty, Frances G., "French Connection: The Influence of the Parisian Boulevard on the American City", New England Garden History Society Journal, April 2003 submission for fall publication.

Boyer, Mark E., "On the Edge of Stormwater" International Federation of Landscape Architects World Congress Conference Proceedings, May, 2003

Boyer, Mark E., and S. J. Burian, "The Effects of Construction Activities and the Preservation of Indigenous Vegetation on Stormwater Runoff in Urbanizing Landscapes", Landscape and Urban Planning. Submitted August 2002.

Boyer, Mark E., and S.J. Burian. "The Effects of Construction Activities and the Preservation of Indigenous Vegetation on Stormwater Runoff in Urbanizing Landscaped", Abstract. Indigenous Vegetation Within Urban Development Conference Proceedings. August 2002.

Crone, John V., "The Meaning of Landscape: a Multi-disciplinary, Cross-Cultural Perspective." conference hosted by the University of Hawaii, Honolulu, January 2003.

Crone, John V., "Reflecting on the Cultural Values of the Southeast Asian Village as an Integral part of the Planning Process for Appropriate Tourism." Conference hosted by the University of Hawaii, Honolulu, January 2003.

Fields, Laurie, "Through the Lens: Using Photographic and Figure/Ground Images to Teach Design Vocabulary, Principles and Abstract Thinking", 19th National Conference on the Beginning Design Student, Stillwater, OK, April 3-5. 2003.

Rollet-Crocker, Karen, "Teaching the ABC's of Landscape in Elementary School," Poster Presentation at the Council of Educators for Landscape Architecture, Syracuse University, New York, September 2002.

Smith, Korydon H., "Parallel Processing: Teaching Assistants in the Beginning Design Studio," authors; Beth Tauke w/Carrie Galuski, Jessica Jamroz, Ted Lutz, Kerron Miller, Scott Nunemaker, Chris Siano, and Korydon Smith. Oklahoma State University, Stillwater, OK, April 3-5, 2003.

Smith, Korydon H., "Unstaked Territory: Frontiers of Beginning Design," 19th National Conference on the Beginning Design Student, Oklahoma State University, Stillwater, OK. April 3-5, 2003.

Smith, Korydon H., "Evaluating an 'Unhealthy' Seminar," Universal Design Education Online, Maintained by: Center for Universal Design, N.C. State University; IDEA Center, University at Buffalo; Global Universal Design Educator's Network. April 2003.

Terry, Laura, "All This Useless Beauty: Speed, Space and the Live-In Billboard," ACSA West Central Conference, University of Nebraska, Lincoln, October 2002.

Terry, Laura, "The Value of Design/Build in the Beginning Years," 19th Annual Conference on the Beginning Design Student, Oklahoma State University, Stillwater, Oklahoma, April 2003.

ARTICLES AND NONREFEREED PUBLICATIONS:

Blackwell, Marlon, DETAIL, Munich, Germany, June 2003, series #6, (pg. 610-613), 'Honey House' in Cashiers by Christian Schittich. 'Simple Forms of Building' issue featuring the Moore HoneyHouse, Cashiers, North Carolina.

Blackwell, Marlon, art4d, Bangkok, Thailand, May 2003, #93, (pg. 70-74), Particular Privacy, by Pirak Anurakayawachon. Article and color photo layout featuring the Moore HoneyHouse, Cashiers, North Carolina and the Keenan Towerhouse, Fayetteville, Arkansas.

Blackwell, Marlon, HAUTE KOREA, New York, New York, April 2003, vol. 04 (pg. 120-125), Towerhouse in Arkansas by Young Min Woo. Article and color photo layout of Keenan Towerhouse featured in the 'International Interior' section of this luxury lifestyle magazine.

Blackwell, Marlon, HINGE, Hong Kong, China, April 2003, vol. 96, (pg. 58-60), Global Perspective: Marlon Blackwell by James Saywell. Firm profile and interview with multiple color photos featuring the Farah House, the Flynn-Schmitt Barnhouse, the Dragonfly House

prototype, the Moore Residence and HoneyHouse, and the Keenan Towerhouse in Hong Kong's leading design journal.

Blackwell, Marlon, ARCHITECTURAL REVIEW, London, England, December 2002 (pg. 48-49), A Taste of Honey by Peter Davey. Article and color photo layout featuring the Moore HoneyHouse, Cashiers, North Carolina. An image of the project was also featured on the magazine cover.

Blackwell, Marlon, INTERIOR DIGEST, Moscow, Russia, July 2002, (pg. 100-111, Free Design issue featuring article and color photo layout of the Keenan Towerhouse, Fayetteville, Arkansas.

deNoble, Timothy, Garner/Herring Residence, At Home in Arkansas, Winter 2002.

deNoble, Timothy, "Great Spaces/Great Faces", Anne Kittrell Gallery, University of Arkansas, September – October 2002.

denoble, Timothy, "Arkansas Atlantis: Revealing the Submerged Town of Monte Ne", Benton County Pioneer, Vol. 37 No. 3, third Quarter 2002.

Goodstein, E.S., Review Essay of Richmond's Monument Avenue By Sarah Shield Driggs, Richard Guy Wilson and Robert P. Winthrop and Lost Virginia, Vanished Architecture of the Old Dominion by Bryan Clark Green, Calder Loth, and William M.S. Rasmussen in Arris, Journal of the Southeast Chapter, Society of Architectural Historians, vol. 12 (2002): 73-75.

Herman, Gregory, "Low Cost, High Design, Extra Credit", by Kevin Lerner, Architectural Record magazine, pgs. 63-64, September 2002, article on Fayetteville affordable design-build house in Fayetteville, Arkansas.

Herman, Gregory, "Low Cost, High Design, Extra Credit," article in Northwest Arkansas Times, September 22, 2002.

Herman, Gregory, "Architectural Journal Features UA School," article in Morning News of Northwest Arkansas, September 20, 2002.

Herman, Gregory, "A Place of One's Own," article by Tresa McBee, Northwest Arkansas Times, March 9, 2003,

Rollet-Crocker, Karen, "An Urban Retreat in Downtown Fayetteville," Arkansas Gardener Magazine. An article about Travis Brooks' award winning design. April 2003.

Sexton, Kim S., Review of The Bishop's Palace: Architecture and Authority in Medieval Italy by Maureen Miller in Religious Studies Review 29 (2003): 99

Sexton, Kim S., Review of Sebastiano Serlio on Architecture: Books VI-VII of "tutte l'opere d'architettura et prospetiva," Volume II, by Vaughn Hart and Peter Hicks, in Sixteenth Century Journal 33 (2002): 1241-1242

Sexton, Kim S., "Isfahan – Half the World." Online essay. Silk Road Seattle Website. The Walter Chapin Simpson Center for the Humanities at the University of Washington, 2002. <http://depts.washington.edu/uwch/silkroad/cities/isfahan/isfahan.html>

Terry, Laura, Book Review of Plantations by the River: Watercolor Paintings from St. Charles Parish, Louisiana by Father Joseph M. Paret, 1859, Arkansas Review: A Journal of Delta Studies, Volume 34, No. 1, April 2003.

RESEARCH REPORTS:

Wall, Jerry D., Glass Structures, Library research and conversations with Tim MacFarlane of Dewhurst and MacFarlane, London, UK, Fall 2002.

Wall, Jerry D., Refurbishment of NASA exercise bike MAXM for showing in Valencia, Spain, Summer 2003.

INVITED LECTURES:

Beatty, Frances G., "The Legacy of Landscape Architect Frederick Law Olmsted, Sr.," Columbus, Georgia, Columbus Museum, March 15, 2003.

Beatty, Frances G., "Creating Value: Developing Livable Communities for Ourselves and Future Generations Symposium", (introduction speaker and symposium producer), Hot Springs, AR, UA Department of Landscape Architecture, April 26, 2003.

Blackwell, Marlon, "Articulating the Everyday," Invited speaker at a 2-day seminary-workshop entitled Energy, Education, Environment. Alabama State AIA, Auburn University, Dan Bennett, Coordinator, June 2003.

Blackwell, Marlon, "Articulating the Everyday," speaker as part of a professional continuing education seminar entitled 'Practicing Out There: Regionalism in Architecture'. A two-day seminar involved presentations and discussions about small practices outside of major metropolitan areas. Seventeen professionals in attendance with nationally recognized architects speaking including Brigitte Shim, Wendell Burnette, Charles Rose, Tom Kundig, Don Griffith, and Frank Harmon. Harvard University Continuing Education Seminar, Cambridge, Massachusetts, June 2003.

Blackwell, Marlon, "Articulating the Everyday," Patricio de Real, Coordinator, Clemson University, Clemson, South Carolina, March 2003.

Blackwell, Marlon, "Articulating the Everyday," Cynthia Weese, Dean, Washington University, St. Louis, Missouri, March 2003.

Blackwell, Marlon, "Articulating the Everyday," Lecture and exhibit given in honor of being an ar+d prizewinner. Noel Bramley, Coordinator, Royal Institute of British Architects, London, England, March 2003.

Blackwell, Marlon, "Articulating the Everyday," Bruce Goff Lecture given along with a two-day workshop for graduate students entitled 'Unit and the Multiple'. Hanz Butzer, Coordinator, University of Oklahoma, Norman, Oklahoma, February 2003.

Blackwell, Marlon, "Articulating the Everyday," Invited speaker at international symposium on 'Architecture for the Well Tempered Environment' with Glenn Murcutt, Rick Joy, Brian MacKay-Lyons, Will Bruder, and others, Nasrine Seraji, Chair, Cornell University, Ithaca, New York, November 2002.

Blackwell, Marlon, Invited Design Jury (Academic), Thesis Reviews, Tulane University, New Orleans, Louisiana, May 2003.

Crone, John V., "Myth, Memory and Design from the Landscape – A Southeast Asian Perspective", presented to Student School Brown Bag Lunch Series, April 8, 2003

Crone, John V., "From Leopold to McHarg-An Environmental Ethic as Process", Guest lecture presented to LA History Class, April 4, 2003
deNoble, Timothy, Jury of Student Work, Syracuse University School of Architecture, Florence Program, Florence Italy, April 2003.

deNoble, Timothy, Jury of Student Work, University of Maryland, Final Thesis Reviews and Comprehensive Studio Reviews, College Park, MD, December 2002.

deNoble, Timothy, Jury of Student Work, University of Colorado, Denver, Undergraduate and Graduate Reviews, November 2002.

deNoble, Timothy, Jury of Student Work, Massachusetts Institute of Technology, Graduate and Undergraduate Design Reviews, Cambridge, MA, May 2003.

deNoble, Timothy, Final Thesis Reviews, University of Maryland, College Park, MD, May 2003.

Fields, Laurie, "Experiential Site Analysis", Department of Architecture, 3rd Year Design, February, 2003.

Herman, Gregory, "School of Architecture Design/Build," Housing Partnership Workshop, Fayetteville, Arkansas, December 12, 2002.

Herman, Gregory, "Affordable Housing Task Force Discussion," National Meeting, Association of Collegiate Schools of Architecture, Louisville, Kentucky, March 2003.

Herman, Gregory, "Future Topics and Direction," National Conference on the Beginning Design Student, discussion panel hosted by Oklahoma State University, Stillwater, OK, April 2003.

Rollet-Crocker, Karen, "Living History in the Landscape," Six workshops sponsored by Peel House Foundation, Bentonville, Arkansas.

Rudzinski, Russell, Invited Design Juror, Washington University in Saint Louis, Missouri, March 2003.

Rudzinski, Russell, Invited Design Juror, Washington University in Saint Louis, Missouri, May, 2003.

Rudzinski, Russell, Invited Design Juror, Colorado University in Denver, Colorado, May 2003.

Rudzinski, Russell, Invited Design Juror, Kansas State University, May, 2003.

Terry, Laura, "The Camp Aldersgate Design/Build Experience," presented to Cromwell Architects and Engineers, Little Rock, Arkansas, January 2003.

Terry, Laura, "The Camp Aldersgate Design/Build Experience," presented to AIA Arkansas, Central Arkansas Section, April 2003.

REFEREED SCHOLARLY PAPER PRESENTATIONS:

Beatty, Frances G., "Metaphysically Speaking: A Discourse on the Lack of Aesthetics in Landscape Architecture Education and Dialogue", Council of Educators in Landscape Architecture, Syracuse, New York, SUNY, September 2002.

Beatty, Frances G., "Landscape Metaphysics: The Art, Poetry, Metaphor and Meaning in Olmsted's Franklin Park, Boston, Massachusetts", Southeast Chapter of the Society of Architectural Historians, Mobile, Alabama, October 2002.

Boyer, Mark E., "On the Edge of Stormwater", Indigenous Vegetation Within Urban Development Conference, Uppsala, Sweden. August 2002.

Crone, John V., "The Meaning of Landscape: a Multi-disciplinary, cross-cultural perspective." Arts and Humanities Conference hosted, University of Hawaii, Honolulu, January 4-7, 2003.

Crone, John V., "Reflecting on Cultural Values of the Southeast Asian Village as an Integral Part of the Planning Process for Appropriate Tourism." Arts and Humanities Conference, University of Hawaii, Honolulu, January 4-7, 2003.

Fields, Laurie, "Through the Lens: Using Photographic and Figure/Ground Images to teach Design Vocabulary, Principles and Abstract Thinking", 19th National Conference on the Beginning Design Student, Stillwater, OK, April 3-5, 2003.

Goodstein, E.S., "Space, Time and Motorcycles," Annual Conference of the College Art Association, New York, New York, February 20, 2003.

Goodstein, E.S., "18 Wheels and the American Dream: The Image of the Truck and the Ideal of the City," Annual Conference of the Southeast Society of Architectural Historians, Mobile, Alabama, October 24, 2002.

Herman, Gregory, "WPA Guides and Southern Urban Depiction: Arkansas and Mississippi," delivered at the Annual Conference of the Southeast Society of Architectural Historians, Mobile, Alabama, October 2002.

Rudzinski, Russell, "Sacrifices of Pleasure", ACSA Central Regional Conference, Lincoln, Nebraska, October 2002.

Sexton, Kim S., "The Myth of Venice and the Mercantile Ideal in Architecture." Annual Meeting of the Southeast Society of Architectural Historians, Mobile, Alabama, October 25, 2002.

Sexton, Kim S., "Ethni-City: Isfahan, 'Half the World.'" Annual Meeting of the Society of Architectural Historians, Denver, Colorado, April 24, 2003.

Sexton, Kim S., "Encapsulating the Cosmos: The Art of the Hindu Temple." Guest lecture in the Honors Humanities Project 1 Course, University of Arkansas, September 24, 2002.

Smith, Korydon H., "Tangible Forms: Representation and The 1st Semester 2nd Year Pedagogy," Unstaked Territory, Frontiers of Beginning Design, 19th National Conference on the Beginning Design Student, Oklahoma State University, Stillwater, OK, April 3-5, 2003.

Terry, Laura, "Extended Living Rooms: The Typologies of Porches and Yards in the South," Annual Meeting of the Southeast Chapter of the Society of Architectural Historians, University of South Alabama, Mobile, Alabama, October 2002.

CREATIVE WORK:

Blackwell, Marlon, The Srygley Office Building, Johnson, Arkansas, April 2003. A 4,000 sq. ft. office building in a small office park. Structure is of granite-faced concrete block, metal cladding, and wood construction. Features a private cigar room with folding exterior glass panel wall system and exterior deck with views to a wooded creek.

Blackwell, Marlon, Clear Creek Golf Clubhouse, Fayetteville, Arkansas, November 2002, A 20,000 sq. ft. golf clubhouse of white oak rain screen walls and local dry stacked stone. Design to span from a hillside into an Osage Indian archaeological zone with the Clear Creek Golf Development, (Schematic Design).

Blackwell, Marlon, University of Arkansas Golf Training Facility, Fayetteville, Arkansas, November 2002. A 5,000 sq. ft. golf training facility for the University of Arkansas of copper cladding and local, dry stacked stone. Under construction.

Blackwell, Marlon, Combs Pilot Lounge, Springdale, Arkansas. A 2,000 sq. ft. pilot's lounge and lobby attached to an existing airplane hangar at the Springdale Airport. Structure is clad in cor-ten steel panels and granite face cmu. (Construction documents completed). September 2002.

Blackwell, Marlon, Lee Garage Apartment, Beaver Lake, Arkansas. A two-story structure with 3-car garage, workshop, 12' x 40' deck, and 1,000 sq. ft. apartment overlooking Beaver Lake. Primary materials are galvalume and wood. (Design Development). October 2002.

Blackwell, Marlon, Renovations and Additions to the John Tyson Residence, Johnson, Arkansas. An intervention within a 70's modern house damaged by an electrical fire. Additions include 4 – 16' x 16' cor'ten shingled light monitors (2 with suspended lofts), a 16' x 72' great room with butterfly roof, glass, and cor-ten shingles, and a new kitchen. Interior materials include walnut and cherry floors and trim, slate tiles, and translucent sliding glass doors. (Under construction) August 2002.

Blackwell, Marlon, Pam Banks Residence, Fayetteville, Arkansas. New 2700 sq. ft. house structure (with 800 sq. ft. loft) on north facing sloped wooded site in the Clear Creek Golf Community Development. Client is a single mother. Materials to be dressed stone, wood, and site-cast concrete. June 2002.

Blackwell, Marlon, Masons on the Creeks, Rogers, Arkansas. A 3,000 sq. ft. interior design for a retail accessories and clothing boutique. Located in the Village on the Creeks retail development. Construction completed July 2003. December 2001

Boyer, Mark E., The Garden at the Northwest Arkansas Cancer Support Home. Design Phase complete, in fund raising.

Crone, John V., Began preliminary sketches of earth monument for peace as entrance to Fayetteville, Arkansas. Services solicited by local Omni International Group for peace in the world.

Crone, John V., Began preliminary sketches for Winslow City Council and Arkansas Highway Department for project integrating Highway 71 Scenic Byway and entry into Winslow.
deNoble, Timothy, Hathaway Residence, Kitchen Remodel, Little Rock, AR (Under Construction)

deNoble, Timothy, Baltz Gray Residence, New Construction, Fayetteville, AR (Design Development).

Herman, Gregory, design for Pool House and Work Shed, Fayetteville, AR, 2002-2003.

Kucker, Patricia, Mas Tappas Bar, Charlottesville, Virginia, 2002-03, K + K Development, Completed in January 2003.

Rollet-Crocker, Karen, Construction drawings for shelters and bridges at the Compton Gardens, Bentonville, Arkansas.

Rollet-Crocker, Karen, Successful grant application to the State Forestry Department for signage design explaining characteristics of native oak hickory forests for Fayetteville Natural Heritage Association.

Rudzinski, Russell, Private Residence, Farmington, Arkansas, October 2002-January 2003 through design development, project currently inactive.

Rudzinski, Russell, Private Residence, Fayetteville, Arkansas, September 2002-Present, through 75% Construction Documents, anticipated construction start June 2003.

Smith, Korydon H. and Bharatkumar Patel, Competition Entry, July 2002, Group E-2 (In-Between) International Competition: Exploring the Urban Condition. Entry exhibited January 16 – February 24, 2003 at the Pavilion de l’Arsenal, Paris, France.

Smith, Korydon H. and Bharatkumar Patel, Competition Entry, October 2002, Concepts: Housing Solutions for Our Communities, International Competition, AIA Monterey Bay, California. Entry exhibited November 8-29 in Monterey Co., California.

Terry, Laura, Received commission from the Hyatt Regency, Tokyo for five paintings. February 2003.

HONORS AND AWARDS RECEIVED:

Beatty, Frances G., Committee Member for the Bradford Williams writing award for works in Landscape Architecture Magazine.

Blackwell, Marlon, ar + d Prizewinner, (October 2002) for the Moore HoneyHouse, Cashiers, North Carolina. An Annual International Design Competition for emerging practitioners (45 and under) sponsored by Architectural Review and ‘d’ line design. One of 5 prizewinners out of 700 entrants worldwide.

Blackwell, Marlon, Competition Winner, (November 2002) for the design of the Clear Creek PGA Golf Clubhouse and infrastructures, and University of Arkansas golf training facility in Fayetteville, Arkansas. A two-round invited competition with five state architectural firms participating.

Blackwell, Marlon, Spring 2003, taught a Grad I Level Design Studio at Washington University at St. Louis School of Architecture. Appointed as the Ruth and Norman Moore Visiting Professor. Studio project: Figuring the Edge: The Ozark Plateau 3N1 Chapel, Subiaco Monastery, Paris, Arkansas.

Blackwell, Marlon, Fall 2002, taught a Masters Studio Grad Level Seminar at Lawrence Tech University, Detroit, Michigan. Seminar involved (4) one day workshops at Lawrence Tech and a

visit by the class of (7) students to Fayetteville to see our work and that of Fay Jones. Seminar project: Design Development of the Fred Rowe Residence.

Boyer, Mark E., Honorary Membership, Tau Sigma Delta Honor Society, March 2003.

deNoble, Timothy, AIA Citation Design Award for the Garner-Herring Residence, Arkansas Chapter of the American Institute of Architects, October 2002.

Herman, Gregory, Ralph O. Mott Outstanding Architecture Faculty Teaching Award for 2003.

Kucker, Patricia, Faculty Essay Award, School of Architecture, University of Arkansas, April 2003.

Rollet-Crocker, Karen, 2002 Honor Award, Arkansas Chapter of American Society of Landscape Architects. Urban Design and Planning. Compton/Putnam Site, Bentonville, Arkansas.

Rudzinski, Russell, Honorable Mention, Faculty Essay Competition, School of Architecture, April 2003.

Sexton, Kim S., Gladys Kriebel Delmas Foundation Grant (awarded for spring 2004). Post-doctoral research at the State Archives, Venice, for her book Loggia Culture and the Practice of Space in Italy 1200-1600.

Smith, Korydon H., \$300 Honorarium for paper entitled "Evaluating an 'Unhealthy' Seminar," submitted to Universal Design Education Online, April 2003.

Terry, Laura, Camp Aldersgate Design/Build Program, awarded \$14,000 from the University of Arkansas Women's Giving Circle, February 2003.

Fulbright College of Arts and Sciences

Department of Anthropology

BOOKS:

Mainfort, Robert L. and David G. Anderson, eds. *The Woodland Southeast*. Tuscaloosa, University of Alabama Press, 2002.

Rose, Jerome C. and Steckel, R. H., eds. *The Backbone of History: Health and Nutrition in the Western Hemisphere*. Cambridge: Cambridge University Press, 2002. [This book was profiled in the *New York Times*, numerous U.S. newspapers, and the *International Herald Tribune*].

Whayne, Jeannie, T. A. DeBlack, George Sabo III, and M.S. Arnold. *Arkansas: A Narrative History*. Fayetteville: University of Arkansas Press, 2002.

CHAPTERS:

Mainfort, Robert C. and David G. Anderson. An Introduction to Woodland Archaeology in the Southeast. In Mainfort, Robert C. and David G. Anderson, eds. *The Woodland Southeast*. Tuscaloosa, University of Alabama Press, 1-19, 2002.

Mainfort, Robert C. and Martha A. Rolingson. Woodland in the Central Mississippi Valley. In Mainfort, Robert C. and David G. Anderson, eds. *The Woodland Southeast*. Tuscaloosa, University of Alabama Press, 20-43, 2002.

Nigro, Joseph D., W. Fredrick Limp, Kenneth L. Kvamme, D. J. DeRuiter, and L.R. Berger. The Creation and Potential Applications of a 3-Dimensional GIS for the Early Hominin Site of Swartkrans, South Africa. In *Computer Applications and Quantitative Research in Archaeology, CAAO2, BAR, Tempus Reparatum*, Oxford, pp. 121-133, 2002.

Plavcan, J. Michael. Sexual Selection, Measures of Sexual Selection, and Sexual Dimorphism in Primates. In Kappeler, P.M. and C.O. van Schaik, eds. *Sexual Selection in Primates: New and Comparative Perspectives*. Cambridge University Press, 2003.

Rose, Jerome C. and W.M. van Haarlem. The People of Tell Ibrahim Awad in the Nile Delta. In Belova, G.A. and T. A. Sherkova, eds. *Ancient Egyptian Temple at Tell Ibrahim Awad: Excavations and Discoveries in the Nile Delta*. Aletheia, Moscow, pp. 131-137, 2002.

Rose, Jerome C. Co-authored chapters in Steckel, R.H. and J.C. Rose, *The Backbone of Human History* Chapter 1: Introduction, pp. 3-8.

Chapter 3: A Health Index from Skeletal Remains, pp. 61-93.

Chapter 9: The Quality of African-American Life in the Old Southwest Near the Turn of the Century, pp. 226-277.

Chapter 19: Patterns of Health in the Western Hemisphere, pp. 563-579.

Chapter 20: Conclusions, pp. 583-589.

Striffler, Steve. Communists, Communists Everywhere!: Forgetting the Past and Living with History in Ecuador's Coast. In *Culture, Economy, Power: Anthropology as Critique, Anthropology as Praxis*, Leach, Belinda and Winnie Lem, eds. SUNY Press, 2002.

Swedenburg, Ted. Transglobal Islamic Underground: Aki Nawaz, Natacha Atlas, Akhenaton. In *Unpacking Europe*, Hassan, Salah and Dadi, Iftikhar, eds., Rotterdam: NAI, 2002.

REFEREED ARTICLES:

D'Alisera, JoAnn. Icons of Longing: Homeland and Memory in the Sierra Leonean Diaspora. *PoLar: The Political and Legal Anthropology Review* 25:2(2002)73-89.

Kvamme, K. L. Multidimensional Prospecting in North American Great Plains Village Sites. *Archeological Propection* (June 2003).

Kvamme, K. L. Geophysical Surveys as Landscape Archaeology. *American Antiquity* (July 2003).

McGraw, W. Scott; Plavcan, J. Michael, and Kanazawa, K. Adachi. Female Adult *Cercopithecus Diana* Killed by Other Females: Evidence for the Use of Canine Teeth as Weapons by Females. *International Journal of Primatology*, 23:1301-1308, 2002.

Nigro, J., P. Ungar, D. deRuiter, L. Berger. Developing a Geographic Information System (GIS) for Mapping and Analyzing Fossil Deposits at Swartkrans, Gauteng Province, South Africa. *Journal of Archeological Science* 30:317324, 2003.

Nolan, Justin M. Wild Plant Classification in Little Dixie: Variation in a Regional Culture. *Journal of Ecological Anthropology* 6:69-81, 2002.

Nolan, Justin M. Pursuing the Fruits of Knowledge: Cognitive Ethnobotany in Missouri's Little Dixie. *Journal of Ethnobiology* 21:2):29-51, 2002.

Nolan, Justin M. Players, Pimps, Babes, and Bimbos: Consensus in Gender-Type Classification on the College Campus. *Sex Roles*, 2003.

Nolan, Justin M., M.C. Robbins, D. Noltie, and T. Gemeinhardt. Caching On: Cognition and the Acquisition of Freshwater Fish Expertise. *Journal of Environmental Education*, 2003.

Plavcan, J. Michael. Taxonomic Variation in the Patterns of Craniofacial Dimorphism in Primates. In *Journal of Human Evolution*, 42:579-608. 2002.

Plavcan, J. Michael. Taxonomic Variation in the Patterns of Craniofacial Dimorphism in Primates. *Journal of Human Evolution* 45:579-608, 2003.

Plavcan, J. Michael. Scaling Relationships Between Craniofacial Sexual Dimorphism and Body Mass Dimorphism in Primates: Implications for the Fossil Record. *American Journal of Physical Anthropology* 120:38-60, 2003.

Quinlan, Marsha B., Robert J. Quinlan, and Justin M. Nolan. Concepts and Treatments of Intestinal Works in a Rural Caribbean Village. *Journal of Ethnopharmacology* 80:75-83, 2002.

Savelle, James M. and McCartney, Allen P. The Application of Bowhead Whale Bone Architectural Indices to Prehistoric Whale Bone Dwelling Sites in Alaska and the Canadian Arctic. *Bulletin of the National Museum of Ethnology* 27(2):361-387, 2002.

Swedenburg, Ted. Hip Hop Music in the Transglobal Islamic Underground. *Black Arts Quarterly* 7(1):6-8, 2002.

Swedenburg, Ted. The Post-September 11 Arab Wave in World Music. *Middle East Report* 224:44-48, 2002.

Swedenburg, Ted. Rai's Travels. *MESA Bulletin* 36(2):190-193, 2003.

Swedenburg, Ted. Islamic Hip-Hop versus Islamophobia. *Ruminator Review* 11:20-21, 2002. (Reprinted from Tony Mitchell, ed., *Global Noise*, Wesleyan University Press, 2001).

Ungar, Peter S. and Kirera, F. A Solution to the Worn Tooth Conundrum in Primate Functional Anatomy. *Proceedings of the National Academy of Sciences, USA*, 100, 3874-3877, 2003.

Schubert, B., and Ungar, Peter S., Sponheimer, M., and Reed, K.E. Preliminary Dental Microwear Analysis and Dietary Reconstruction of Makapansgat Bovids. *Journal of Human Evolution*, Vol. 44, 2003. Contributed: Annual meetings of the Paleoanthropology Society, Tempe, AZ.

Veltre, D. and Allen P. McCartney. Longhouses of the Eastern Aleutian Islands, Alaska. *Ethnographical Series*, Danish National Museum, 20:19-35, 2002.

NONREFEREED ARTICLES AND REPORTS:

Challa, U. W., W.S. McGraw, and J. M. Plavcan. Morphometric Analysis of *Cercopithecus solatus*. *American Journal of Physical Anthropology Supplement* 36:76, 2003.

D'Alisera, JoAnn. Reviews of *Between Mecca and Beijing* and *Muslims in the Diaspora*. *American Ethnologist* 29(4):1018-20, 2003.

Kay, Marvin. Review of *Dalton Settlement in the Arkoma Basin of Eastern Oklahoma* by Ballenger. *Plains Anthropologist* 48(184):78-79, 2003.

Kvamme, Kenneth L. and M.D. Reynolds, Electrical Resistance Survey at the Fort Clatsop National Memorial, Oregon. Submitted to Fort Clatsop National Memorial, Oregon, February 2003.

Kvamme, Kenneth L. Review of Ground Penetrating Radar: An Introduction for Archaeologists by L. Conyers and D. Goodman. *Plains Anthropologist* 47(181):188-189, 2002.

Kvamme, Kenneth L. Final report of Geophysical Investigations at the Fort Clark and Primeau's Trading Post, Fort Clark State Historic Site (32ME2): 2000-2001 Investigations. Submitted to PaleoCultural Research Group, Flagstaff, on file with the State Historical Society of North Dakota, 2002

Kvamme, Kenneth L. Final report of Geophysical Investigations at the Double Ditch State Historic Site (32BVL8): 2001 Investigations. Submitted to PaleoCultural Research Group, Flagstaff, on file at the State Historical Society of North Dakota, 2002.

Kvamme, Kenneth L. Final report of geophysical investigations conducted at On-A-Slant Village (32MO26), Fort Abraham Lincoln State Park, North Dakota, 2001. Submitted to Anthropology Research, University of North Dakota, 2002.

Kvamme, Kenneth L. Final Report of Geophysical Investigations Conducted at On-A-Slant Village (323MO26), Fort Abraham Lincoln State Park, North Dakota, 2001. Submitted to Anthropology Research, University of North Dakota, 2002.

Kvamme, Kenneth L and Eileen Ernenwein. Geo-Radar Investigations at the Fort Riley Cemetery, Kansas. Submitted to Directorate of Environment and Safety, Fort Riley, Kansas, 2002.

Kvamme, Kenneth L. Electrical Resistance Survey at Fort Vancouver, Washington. Submitted to Fort Vancouver National Historic Site, National Park Service, Vancouver, 2002.

Seville, James and Allen P. McCartney. Prehistoric Gray Whale Harvesting in the Bering Strait and Chukchi Sea Region of Alaska: A Zooarchaeological Assessment. In *Archaeology in the Bering Strait*, Bland and Dumond, eds. *University of Oregon Anthropological Papers* 59:307-319. 2002.

Plavcan, J. Michael, et al. Preface. In *Reconstructing Behavior in the Primate Fossil Record*. New York: Kluwer/Plenum Academic Press, 2002, pp. vi-vii.

Plavcan, J. Michael. Group Size, Sex Ratios, and the Contribution to Male and Female Canine Size to Dimorphism. *American Journal of Physical Anthropology Supplement* 34:125, 2002.

Reynolds, M.D. and K. L. Kvamme. Integration of Multiple Geophysical Data Sets at the Fort Clatsop National Memorial. Submitted to Fort Clatsop National Memorial, May, 2003. Submitted to State Historical Society of North Dakota, May 2003.

Sabo, George III. Book Review, *Badger and Coyote Were Neighbors: Melville Jacobs on Northwest Coast Indian Myths and Tales* by W.R. Seaburg and P.T. Amoss. *Journal of the West* 41(97), Summer 2002.

Sabo, George III. Book Review, *Facing East from Indian Country: A Native History of Early America* by D.K. Ritchter. *Arkansas Historical Quarterly* 41(3):300-302, Autumn 2002.

Sabo, George III. *Arkansas Prehistory and History in Review: The Rush Creek Phase*. *Field Notes: Newsletter of the Arkansas Archeological Society* 308:10-14, September/October 2002.

Striffler, Steve. Book Review, *Nayari History, Politics, and Violence: From Flowers to Ash*. University of Arizona Press. *Journal of Anthropological Research*, vol. 59, 2003.

Veltre, D. and Allen P. McCartney. *Ethnohistorical Archaeology at the Reese Bay Site, Unalaska Island*. In *Archaeology in the Aleut Zone of Alaska*, D. Dumond, ed. University of Oregon Anthropological Papers 98:87-104.

INVITED LECTURES:

D'Alisera, JoAnn. *Ethnography in Transnational Contexts*. Department of Oriental Studies, St. Petersburg (Russia) University, June, 2002.

Kay, Marvin. *Archeology*. Talks to the Discovery Center and Wilson's Creek National Historic Battlefield, Springfield, MO, September 2002.

Kvamme, Kenneth L. *Recent Progress and New Perspectives for Geophysical Archaeology*. Transportation Conference, Kansas City, KS, July 2002.

Kvamme, Kenneth L. *Near-surface Geophysical Approaches for Archaeological Prospecting*. Department of Geology, Kansas State University, Manhattan, April 2003.

Rose, Jerome C. and D. L. Burke. *From the Bronze Age to the Byzantine, 2002 Excavations at Ya'amun*. Summer lecture series, American Center for Oriental Research, Amman, Jordan, July 2002.

Rose, Jerome C. *Early Christians of Jordan*. Archaeology Department South Hampton University, UK, November 2002.

Rose, Jerome C. *Bioarchaeology of the North Jordan*. McDonald Institute of Archaeology. Cambridge University, January 2003.

Rose, Jerome C. *Bioarchaeology of the Early Christians of Jordan*. Biological Anthropology Department, Cambridge University, November 2002.

Rose, Jerome C. *First Intermediate Period Mortuary behavior at Tell Ibrahim Awad*. Egyptology Group, Faculty of Oriental Studies, Cambridge University, November 2002.

Sabo, George III., J.J. Lockhart, and J. E. Hilliard. The Forest as a Resource: From Prehistory to History in the Ozarks. Upland Oak Ecology: History, Current Conditions and Sustainability Symposium, Fayetteville, October 2002.

Sabo, George III. Early Experiences and Extended Difficulties: Native Americans Before and After the Louisiana Purchase. Conference on the Louisiana Purchase and the Transformation of Arkansas, Butler Center for Arkansas Studies, Little Rock, May, 2003.

Shortridge, A. and George Sabo III. First Encounters: Using Educational Multimedia as a Learning Tool in the Traditional Classroom. E-Learn 2002: World Conference on E-Learning in Corporate, Government, HealthCare, and Higher Education, Montreal, October 2002.

Striffler, Steve. Searching for Home in the Transnational South: Mexican Migration, Gender, and the Poultry Industry. University of Kansas, April 2003.

Striffler, Steve. Race, Migration, and the Poultry Processing. Pomona College, February 2003.

Striffler, Steve. "We're All Mexican Here," Poultry Processing, Transnational Migration, and the Transformation of Class in the U.S. South. UC-Santa Cruz, Department of Community Studies, January 2003.

Swedenburg, Ted. Memory. Workshop on Oral History of the Expulsion Experienced. Nuffield College (Oxford), St. Antony's College Middle East Center (Oxford) and the Refugee Studies Centre at Queen Elizabeth House (Oxford). Nuffield College, Oxford, September 2002.

Swedenburg, Ted. Sounds from the Interzone: The Middle East and Beyond. Center for the Humanities, Wesleyan University, October 2002.

Swedenburg, Ted. Sounds from the Interzone: The Middle East and Beyond. Department of Music, University of Washington, May 2003.

Swedenburg, Ted. Rai Music in Algeria and France. Hagop Kevorkian Center, New York University, May 2003.

Ungar, Peter S., and M?Kirera F. A 3D Approach to the Functional Morphology Worn Primate Teeth. Supplement 36. Invited Symposium Participant. Annual meetings of the American Journal of Physical Anthropologists, Tempe, April 2003.

Ungar, Peter S. A New Approach to the Functional Morphology of Primate Teeth. SUNY Stony Brook Anatomical Sciences Lecture Series. Stony Brook, May 2003.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Bales, J. and K. L. Kvamme. Geophysical Signatures of Earthlodges in the Dakotas. Plains Anthropological Conference, Oklahoma City, October 2002.

- D'Alisera, JoAnn. Transnational Phone Calls: Re-connecting Sierra Leonean Space and Identity. African Studies Association, Washington, D.C., December 2002.
- D'Alisera, JoAnn. On the Sacred Border of American Islam: Sierra Leonean Muslims and the Islamic Center of Washington, D.C. Catholic University of America, Washington, D.C., March 2003.
- D'Alisera, JoAnn. Seeing Muslims Through the Lens of 9-11. Annual Diversity Day at Bryn Mawr College Graduate School of Social Work and Social Research, Philadelphia, January 2003.
- Ernenwein, E., K. Kvamme, F. Limp, et al., Multidimensional Geophysics at Army City. Plains Conference, Oklahoma City, October 2002.
- Erickson, Kirstin. Lutu'uria: Truth, Co-Presence, and Ethnographic Practical Consciousness. American Ethnological Society Providence, RI, April 2003..
- Kay, Marvin. Use-wear Assessment of Prismatic Blades from Jordan and Tennessee: They're Mostly Doing the Same Thing. Society for American Archeology Milwaukee, April 2003.
- Kvamme, K.L. Wide Area Geophysical Explorations at Sylvester Manor, Shelter Island, New York. Society for Historical Archaeology, Providence, RI, January 2003.
- Kvamme, K.L. and J. Bales. Geophysical Signatures of Earthlodges in the Dakotas. Society for American Archaeology, Milwaukee, April 2003.
- Kvamme, K.L., E. Ernenwein, F. Limp, D. Harmon, M. Hargrave, T. Sever, L Somers. Multidimensional Remote Sensing at Army City, Kansas: A Project Fusing Ground, Air, Satellite Data. Poster, Society for American Archaeology, April 2003.
- Kvamme, K.L., and J.K. Kvamme. Double-Double Ditch? New Insights Concerning Double Ditch (32BL8) Gained through Geophysical Surveys. Plains Anthropological Conference, Oklahoma City, October, 2002.
- Kvamme, Kenneth L. Multidimensional Geophysical Results at Northern Great Plains Archaeological Sites. Geological Society of America, Denver, October 2002.
- Mainfort, Robert C. Kay, Marvin, and Donald O. Henry. Use-Wear Assessment of Prismatic Blades from Jordan and Tennessee: They're Mostly Doing the Same Thing. Society for American Archaeology, Milwaukee, April 2003.
- Sabo, George III. Preserving the Full Circle of Caddo History. 45th Annual Caddo Conference, Henderson State University, Arkadelphia, AR, February 2003.

Sabo, George III. and A. M. Shortridge. Enhancing Student Engagement and Critical thinking in E-Learning Using Micro-worlds, Role Playing and Collaborative Electronic Tools. Computer Support for Collaborative Learning Conference, Bergen, Norway, June 2003.

Swedenburg, Ted. After 9/11: Is Pop Culture Relevant in a World of Suicide Bombings? Society for Applied Anthropology, Portland, OR March 2003.

Swedenburg, Ted. The White Devil as Expert Witness. Canadian Anthropology Association, Halifax, May 2003.

Ungar, Peter S. Dental Topographic Analysis of Molar Wear in *Alouatta Palliata*. American Journal of Physical Anthropology. Supplement #36, American Association of Physical Anthropologists, Tempe AZ, April 2003.

OTHER CREATIVE ACTIVITIES:

Kvamme, Kenneth L., Instructor. Recent Archeological Prospection Advances for Non-destructive Investigations in the 21st Century. Sponsored and organized by the U.S. National Park Service at Fort Vancouver National Historic Site, Vancouver, Washington, 2002.

Kvamme, Kenneth L. Participant in Remote Sensing Workshop directed by Dr. Jay Johnson, University of Mississippi, New Orleans, March 2003.

Mainfort, Robert L. Discussant on two panels: Woodland Taxonomy and Systematics in the Middle Ohio Valley. and Spatial Analysis of Sacred Spaces, Landscapes, and Places of Special Significance. Society for American Anthropology, Milwaukee, April 2003.

Sabo, George III. George gave numerous talks to public school classes and various museum, historical society, and library audiences in Arkansas. Several of these were part of the statewide celebration of the Louisiana Purchase Bicentennial, sponsored by the Department of Arkansas Heritage.

Swedenburg, Ted. The annual Israeli Anthropological Association meetings (May 2003), included a special session devoted to a paper, "Between and Among the Boundaries of Culture," that Ted Swedenburg and Smadar Vavie published in the Hebrew language journal Theory and Criticism (July 1995). The panel, "Between the Boundaries of Culture: A Decade of the Lavie-Swedenburg Pathbreaking Essay," included scholars from Hebrew University, the University of

Haifa, and Beit Berl. The session was reported on in Israel's largest newspaper, Yedi'ot Aharonot.

Ted Swedenburg, an expert on world music, is a deejay for a weekly radio show KXUA (2000-present)

Art

BOOKS:

Harington, Donald. Thirteen Albatrosses, or, Falling off the Mountain. Paperback publication by Picador in March 2003.

CHAPTERS:

Jacobs, Lynn F., "Production et Comercialisation," Le Temps des Images: Les Retables d'autel gothique sculptes a Bruxelles, chapter 3. Brussels: Editions de la Communaute francaise de Belgique, forthcoming.

REFEREED ARTICLES/PAPERS:

La Porte, A. M. (2003, April). "Influences of Art Curriculum Content". Paper presented at The National Art Education Association Conference, Minneapolis.

La Porte, A. M. (2003, April). "A Chicana Artist Program". Paper presented at The National Art Education Association Conference, Minneapolis.

La Porte, A. M. (2003, January) "The Educational, Social and Psychological Implications of Intergenerational Art Education", paper presented at the Hawaii International Conference on Arts and Humanities, West Oahu, Hawaii.

Nelson, Marilyn, "Active Learning: Strategies for Fostering Participation in Class Critiques", paper presented at College Art Association National Annual Conference, New York, New York, (2/20/03).

Nelson, Marilyn "The Flotsam and Jetsam of Memory", paper presented at the National Conference on Liberal Arts and the Education of Artists, School of Visual Arts, New York, NY, (10/2002)

INVITED LECTURES:

Nelson, Marilyn, Visiting Artist Lecture, Pratt at Munson Williams Proctor Art Institute, Utica, New York, March 28, 2003.

Peven, michael, Visiting Artist lecture, Louisiana Tech University, Ruston, LA, December 2002

Peven, michael, Visiting Artist lecture, UALR, February 6, 2003

Wise, Steven, Visiting Artist Lecture, University of Iowa, October 29, 2002

Wise, Steven, Visiting Artist Lecture, Simpson College, Indianola, Iowa, November 1, 2002.

CREATIVE ENDEAVORS:

Golden, Jacqueline, Shoes, the Sole of Humanity, John Michael Kohler Art Center, Sheboygan, Wisconsin, October 27, 2002 - January 12, 2003.

Hulen, Jeannie, bi-product, (solo) Fine Arts Gallery, University of Arkansas, March 9- April 9, 2003

Jones, Joanne, Small Works on Paper, (juried) Arkansas Arts Council traveling Exhibition.

Musgnug, Kristin, Hard Core, Galveston Arts Center, Galveston, Texas, August 24- October 6, 2002.

Musgnug, Kristin, Tiny Kingdoms, (solo) Crawford County Arts Center, Van Buren, Arkansas, November 3, 2002- November 22, 2002.

Musgnug, Kristin, Criswell, Hembrey, McCann, Musgnug: 2003 Arkansas Arts Council Fellowship Winners, University of Arkansas, Little Rock, May 18- July 2, 2003.

Nelson, Marilyn, Watermark (solo), Maryland Hall for the Creative Arts, Annapolis, MD, September 6, 2002- October 25, 2002

Nelson, Marilyn, N2S3, University of Arkansas Fine Arts Gallery, November 24- December 18, 2002.

Nelson, Marilyn, Digitally Propelled Ideas, (juried) W. Keith and Janet Kellogg, University Art Gallery, California State Polytechnic University, Pomona, CA November 4, 2002- December 6, 2002.

Nelson, Marilyn, Southern Printmaking Biennale, (juried) Nix Center, Georgia College & State University, Dahlonega, Georgia, September 12, 2003- October 26, 2002.

Nelson, Marilyn, 29th Bradley National Print and Drawing Exhibition, (juried) Bradley University, Peoria, IL, December 12, 2002 – April 19, 2003.

Nelson, Marilyn, National II, (juried), A.R.C. Gallery, Chicago, IL July 5- July 27, 2002.

Nelson, Marilyn, Marilyn Nelson. (solo) Munson-Williams Proctor Art Institute, Utica, New York, March 28- April 19, 2003.

Nelson, Marilyn, Printmaking Biennial, (juried) _a ramona studio_, gallery, New York, New York, March 6- April 26, 2003.

Nelson, Marilyn, Another View: A Selection of Contemporary American Prints, Greenleaf Gallery, Whittier College, Whittier, California, April 7- May 9, 2003.

Newman, John, MOAK Four State Regional Exhibition (juried), Springfield Art Museum, Springfield, MO. December 02-January 03.

Peven, Michael, Good Dog/Bon Chien, (solo) University of Arkansas Fine Arts Gallery, Fayetteville, AR, August 27-September 27, 2002.

Peven, Michael, Good Dog/Bon Chien, (solo) Art Gallery, Louisiana Tech University, Ruston, VA, December 2002- January 2003

Peven, Michael, Good Dog/Bon Chien, (solo) Daum Museum of Contemporary Art, Sedalia, MO May 30- September 15, 2003.

Peven, Michael, The Big Picture Show: Size Does Matter, Betty Rymer Gallery, School of the Art Institute of Chicago, April 5 – July 20, 2003.

Stout, Ken, Figments: Paintings on Paper by Ken Stout, (solo) Cidnee Patrick Gallery, Dallas, TX, December 6, 2002- January 11, 2003.

Stout, Ken, The Slippery Slope: Paintings and Gouaches by Ken Stout, (solo) McMurtrey Gallery, Houston, TX, February 15-March 15, 2003.

Swartwood, Larry, N2S3, University of Arkansas Fine Arts Gallery, November 24- December 18, 2002.

Wise, Steven, New Works on Paper, (solo) Mullins Library, University of Arkansas, Fall 2002 .

Wise, Steven, Perfect Fit, Simpson College, Indianola, Iowa, November, 2002

Wise, Steven, National Small Painting Exhibition, (solo) Wichita Center for the Arts, Wichita, Kansas, September 6 – October 27, 2002.

Biological Sciences

BOOKS:

William J. Etges

Etges, W. J. and M. A. F. Noor (eds.). 2002. Genetics of mate choice: from sexual selection to sexual isolation. 19 chapters, 404 pp. Kluwer Acad. Pub., New York.

CHAPTERS:

None.

REFEREED PUBLICATIONS:

Steven J. Beaupre

Beaupre, S. J. 2002. Modeling time-energy allocation in vipers: individual responses to environmental variation and implications for populations. In and G. Schuett, M. Hoggren, M. E. Douglas and H. W. Greene (eds), *Biology of Vipers*. Eagle Mountain Publishing LC.

Jeannine M. Durdik

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William J. Etges

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R. David Evans

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Ralph L. Henry

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Douglas A. James

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Timothy A. Kral

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David G. Krementz

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Michael Lehmann

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Daniel D. Magoulick

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David S. McNabb

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Kimberly G. Smith

Smith, K.G., L. Duke, D.C. Steinkraus, and J. J. English. 2002. Infectivity of resting spores of *Massospora cicadina* (Entomophthorales: Entomophthoraceae), and entomopathogenic fungus of the periodical cicada (*Magicicada* spp.) (Homoptera: Cicadidae). *J. Invertebrate Pathology* 80:1-6.

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Frederick W. Spiegel

Spiegel, F.W., A.R. Swanson, and J.C. Cavender. 2002. Taxonomy, slime molds, and the questions we ask. *Mycologia* 94:968-979.

William L. Thompson

Thompson, W. L. 2003. Hankin and Reeves' approach to estimating fish abundance in small streams: limitations and alternatives. *Transactions of the American Fisheries Society* 132:69-75.

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James M. Walker

Walker, J.M., J.A. Lemos-Espinal, and H.M. Smith. 2003. *Cnemidophorus Costatus* Barrancarum (Barranca Whiptail Lizard). Habitat. *Herpetological Review*, June 2003 publication date.

Walker, J.M., J.A. Lemos-Espinal, and H.M. Smith. 2003. *Cnemidophorus Costatus* Barrancarum (Barranca Whiptail Lizard). Color Pattern. *Herpetological Review*, June 2003 publication date.

Walker, J.M. 2003. *Cnemidophorus Burti Burti* (Burt's Whiptail Lizard). Color Pattern. *Herpetological Review*, June 2003 publication date.

Walker, J.M. 2003. *Cnemidophorus Exsanguis* (Chihuahuan Whiptail Lizard). Color Pattern. *Herpetological Review*, June 2003 publication date.

Walker, J.M, and J.E. Cordes, J.E.. 2003. Skin histocompatibility between syntopic pattern classes C and D of parthenogenetic *Cnemidophorus tessellatus* in New Mexico. *Journal of Herpetology*, March 2003 publication date.

Walker, J.M. and J.E. Cordes. 2003. Can females of parthenogenetic *Cnemidophorus tessellatus* (Sauria: Teiidae) produce offspring different from their mother? *Southwestern Naturalist*, March 2003 Publication date.

Walker, J.M. and D.D. Rhoads. 2003 The black racerunner (*Cnemidophorus nigricolor* Peters, 1873) in Los Roques Archipelago, Venezuela. *Herpetological Review*, March 2003 publication date.

Susan Ziegler

Ziegler, S. and M. Fogel. "Seasonal and diel relationships between the isotopic compositions of dissolved and particulate organic matter in freshwater ecosystems" *Biogeochemistry*. Estimated date of publication March 2003.

Ziegler, S., E. Kaiser, and R. Benner. "Dissolved organic nitrogen and phosphorous cycling in a subtropical seagrass-dominated lagoon" *Estuaries*. Estimated date of publication: October 2003.

NONREFEREED PUBLICATIONS & PROCEEDINGS:

William J. Etges

Etges, W.J. 2002. Evolutionary genetics in South America: Alive and well. *Dros. Inf. Serv.* 84:237-238. Meeting Report.

David Mack Ivey

Ivey, D.M., C.B. Hart, S. Jeffus, and E.C. Kroger. "Alkaliphile ATP Synthase Sequence Motifs in Alkaliphilic Bacteria", Arkansas Biosciences Institute Symposium. October 24, 2002, Little Rock, AR.

Daniel D. Magoulick

Magoulick, D., S. Ziegler, and G. Piercey. (2002) Potential competition for prey between introduced crayfish (*Orconectes neglectus*) and native crayfish (*Orconectes eupunctus*) in Ozark streams: a stable isotope analysis. *North American Benthological Society Meeting* (Athens, GA; May 2003), Submitted December 2002.

Cynthia L. Sagers

Sagers, C.L. *Ecological Society of America, Genetically Engineered Organisms: Assessing Environmental and human Health Affects.* *Ecology* 84:809-810.

Kimberly G. Smith

Smith, K.G. 2002. 100 years ago in the American Ornithologists' Union. *Auk* 119:297.

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Susan Ziegler

Ziegler, S. (2002) The dynamics of dissolved organic matter in a seagrass ecosystem.

Proceedings of the Seagrass Ecosystem Ecoengineering and Carbon Sequestration 9SEECES)

Workshop, New Energy Development Organization of Japan (NEDO), Tokyo, Japan, March 16-18, 2002. pp.15.

INVITED LECTURES:

Steven J. Beaupre

Beaupre, S. J. Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. University of Arkansas, Sigma Xi, Lunch meeting featured speaker. November 21, 2002.

William J. Etges

Etges, William J. University of Georgia, Dept. of Genetics, 2002.

Etges, William J. University of Sao Paulo, Ribeiro Prieto, Brazil, 2002.

Etges, William J. University of Arkansas, Dept. Poultry Science, 2002.

Etges, William J. University of Arkansas, Dept. Entomology, 2002.

Etges, William J. 48th Brazilian Congress of Genetics, Águas de Lindóia, Sao Paulo, September 17-20, 2002, plenary speaker.

R. David Evans

Evans, R.D. Global change in arid ecosystems. Max Planck Institute for Biogeochemistry.

Michael Lehmann

Lehmann, Michael. "Hormones and chromatin structure as determinants of gene expression: the fruit fly *Drosophila* as a model", Institute of Genetics, Justus-Liebig-University Giessen, Germany, November 25, 2002. Invited Seminar.

Lehmann, Michael. "Pipsqueak goes GAGA: chromatin structure and gene regulation in *Drosophila*", Department of Biology, Philipps-University Marburg, Germany, November 26, 2002. Invited Seminar.

David S. McNabb

McNabb, David S. Northeastern State University (Tahlequah campus), Dept. of Biology (September 25, 2002). Invited Seminar.

Douglas D. Rhoads

Rhoads, Douglas D., Kunhua Song, Shawn Bailes, and John Kirby. Mapping of a Gene Affecting Development of the Epididymis, Sperm Viability, and Male Fertility. Dept. Of Physics, UA, September 2002. Invited Speaker.

Cynthia L. Sagers

Sagers, Cynthia L. (2002) Ecological risk assessment of the release of transgenic rice in southeastern Arkansas IN A. Snow (ed.) Scientific Methods Workshop: "Ecological and Agronomic Consequences of Gene Flow from Transgenic Crops to Wild Relatives," Ohio State University, Columbus, Ohio. Invited Symposium.

Sagers, Cynthia L. Grinnell College, Department of Biology, Grinnell, Iowa. Invited Seminar.

Kimberly G. Smith

Smith, Kimberly G. Harvard Forest, Petersham, Massachusetts. Invited Seminar.

Smith, Kimberly G. Department of Biological Sciences, Clark University. Invited Seminar.

Susan Ziegler

Ziegler, S. (2002) The dynamics of dissolved organic matter in a seagrass ecosystem. Seagrass Ecosystem Ecoengineering and Carbon Sequestration (SEECs) Workshop, University of Tokyo, Tokyo, Japan, March 16-18, 2002. Invited.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Steven J. Beaupre

Beaupre, S. J. 2002. Annual variation in body temperatures of the Timber Rattlesnake (*Crotalus horridus*) as measured with a Lotek data logging receiver. American Society of Ichthyologists and Herpetologists, annual meeting. Kansas City, KS, July 3-8, 2002.

Beaupre, S.J. and Parker, M.R. 2002. Timber Rattlesnakes (*Crotalus horridus*) use aerial cues in post-strike trailing. American Society of Ichthyologists and Herpetologists, annual meeting. Kansas City, KS, July 3-8, 2002.

Jeannine M. Durdik

Durdik, J., U. Kandpal, S. Srivastava, A. George, V. Bal and S. Rath. In vivo augmentation of T cell memory by PF. 29th Indian Immunology Society meeting, Bhubaneswar, Orissa, India. 26th-28th Nov 2002.

R. David Evans

Evans, R.D. and S.M. Schaeffer. Pulse effects on microbial activity and nutrient cycling in a Colorado Plateau desert ecosystem. Special workshop on "Resource Pulse Utilization in Arid and Semi-Arid Ecosystems".

Evans, R.D. Nitrogen Isotopes in Plants and Soils. Short Course on Stable Isotopes, University of Utah.

Evans, R.D., R. Rimer and J. Johansen. 2002. The impact of disturbance of biological soil crusts on soil nitrogen content and isotope composition, and potential microbial respiration and nitrogen mineralization in four arid ecosystems. American Geophysical Union.

Evans, R.D., S. Billings, and S. Schaeffer. 2002. Net N and C mineralization and soil microbial biomass with elevated CO₂ in a Mojave Desert ecosystem. American Geophysical Union.

Evans, R.D., S. Schaeffer, S. Ziegler, and J. Belnap. 2002. Bromus tectorum Invasion alters soil microbial carbon and nitrogen cycling in an arid Colorado Plateau grassland. American Geophysical Union.

Evans, R.D., D.C. Housman, K.T. Killingbeck, and S.D. Smith. 2002. Nutrient resorption of naturally occurring desert shrubs exposed to Free-Air CO₂ enrichment. Ecological Society of America.

Evans, R.D., A. Reich, J.J. Ewel, N.M. Nadkarni, and T. Dawson. 2002. Nitrogen sources and functional roles shift with plant size in tropical bromeliads. Ecological Society of America.
Evans, R.D., B. Su, D. Hui, P. Verburg, D. Obrist, J.A. Arnone, D. Johnson, and Y. Luo. 2002. Canopy radiation- and water-use efficiencies of cheatgrass as affected by pulse and gradual N fertilization. Ecological Society of America.

Evans, R.D., P.S. Verburn, J.A. Arnone, D. Leroux-Swarthout, D. Obrist, D.W. Johnson, Y. Luo and J.S. Coleman. 2002. The potential of short-rotation cropping systems to sequester C. Ecological Society of America.

David Mack Ivey

Ivey, D.M. and J.L. Donelson (2002) Analysis of Alkaliphile ATP Synthase Sequence Motifs in Moderately and Extremely Alkaliphilic Bacteria. Abst. 102nd Annual Meeting of the American Society for Microbiology. Salt Lake City. 2002. Refereed.

Douglas A. James

James, Douglas A. "Empirical evidence explaining high avian diversity in the tropics" 3rd North American Ornithological Conference, 28 September 2002, New Orleans, Louisiana.

James, Douglas A. "Impacts of potential forest change on breeding bird populations in the Ozarks" Upland Oak Symposium, 9 October 2002, Fayetteville, Arkansas.

James, Douglas A. "Possible effect of demise of oaks in the Ozarks on foraging preferences of forest birds" Upland Oak Symposium (with C. J. Patterson), 9 October 2002, Fayetteville, Arkansas.

James, Douglas A. "Habitat usage by bats in the western Ozark National Forest" 32nd North American Symposium on Bat Research (with C. Caviness), 8 November 2002, Burlington, Vermont.

Timothy A. Kral

Kral, T.A., D.W.G. Sears, P.H. Benoit and M. Kareev. 2002. Growth of Methanogens under Conditions Approaching a Simulated Martian Environment. 27th Gen Assembly Eur. Phys. Soc.

Kral, T.A., C.R. Bakkum and D.R. Ormond. 2002. Growth of Methanogens on a Mars Soil Simulant. Astrobiology Science Conference 2002.

Kral, T.A., C.R. Bakkum, and C.P. McKay. 2002. Growth of Methanogens on a Mars Soil Simulant under Simulated Martian Conditions. Bioastronomy 2002: Life Among the Stars.

David S. McNabb

McNabb, D.S. and R.M. Reed. Development of a yeast biosensor strain for identification of genotoxic compounds. Arkansas Undergraduate Research Conference, Arkadelphia, AR (selected for oral presentation given by Robin Reed). Presentation.

Inés Pinto

Pinto, Inés. Suppressor analysis of histone mutants defective in chromosome segregation. Yeast Genetics and Molecular Biology Meeting, Madison, WI, July 2002. Presentation.

Douglas D. Rhoads

Rhoads, D.D. and S. Moore. Investigation of RNA interference in *Candida albicans*. Southeastern Regional Yeast Meeting, Birmingham, AL, March 2003, refereed paper.

Rhoads, D.D., and J. Burns. Microarray and semin-quantitative PCR analysis of dimorphism associated genes in *Candida albicans*. Southeastern Regional Yeast Meeting, Birmingham, AL, March 2003, refereed paper.

Rhoads, Douglas D., K. Song, S. Bailes, and J.D. Kirby. Mapping of a gene affecting male fertility and efferent duct development in the chicken. Plant and Animal Genome XI, San Diego, CA, January 2003. , refereed paper.

Cynthia L. Sagers

Sagers, C.L. and S.T. Trimble. 2002. Stable isotopes reveal conditional nature of a specialized ant-plant interaction. Annual meetings of the Society for the Study of Evolution, Urbana-Champaign, Illinois, 29 June-2 July. Refereed Paper.

Sagers, Cynthia L. 2003. Department of Evolution, Population and Organismal Biology (EPOB), University of Colorado, Boulder. Lecture.

Sagers, Cynthia L. 2003. Department of Botany, The Natural History Museum, London. Lecture.

Kimberly G. Smith

Smith, Kimberly G. 2002. Birds of upland oak forests in the Arkansas Ozarks: Present community structure and potential impacts of burning, borers and forestry practices. Upland Oak Ecology Symposium. Fayetteville, AR.

Smith, Kimberly G. 2002. Quercus lost: Avian population responses to large-scale elimination of oaks by the red oak borer in the Ozarks. Third International Partners In Flight Conference. Monterey, California.

Smith, Kimberly G. 2002. Periodical cicadas in Massachusetts: Historical effects of land-use and the demise of Brood XI. VII Northeast Natural History Conference. Albany, New York.

Smith, Kimberly G. 2002. Potential versus actual distributions of mammal biodiversity in southeastern Massachusetts. Undergraduate Environmental Research Symposium, Bridgewater State College, MA (with Heather Rose). Undergraduate Research Presentation.

Frederick W. Spiegel

Spiegel, F.W., J. Shadwick, and D.E. Hemmes. 2002. Hawai'i, a microcosm for predicting the distribution of protostelids in the tropics? Abstracts of the 4th International Congress on the Systematics and Ecology of Myxomycetes, 86. Brussels, Belgium. 4-9 August, 2002. Symposium Lecture (Tropical Mycetozoans) presented by Spiegel.

Spiegel, F.W., J. Shadwick, and S.L. Stephenson. 2002. Comparative biota of protostelids of Hawai'i and Puerto Rico. Abstracts of the 4th International Congress on the Systematics and Ecology of Myxomycetes, 87. Brussels, Belgium. 4-9 August, 2002. Symposium Lecture (Tropical Mycetozoans) presented by Spiegel.

Spiegel, F.W., and A.R. Swanson. 2002. Ecological Succession of dictyostelids on the island of Hawai'i. Abstracts of the 4th International Congress on the Systematics and Ecology of Myxomycetes, 94. Brussels, Belgium. 4-9 August, 2002. Symposium Lecture (Tropical Mycetozoans) presented by Swanson.

Susan Ziegler

Ziegler, S. and J. Barr (2003) Factors controlling the use of dissolved organic carbon in a groundwater ecosystem. North American Benthological Society Meeting, May 27 – June 1, 2003, Athens, GA.

Ziegler, S., and S. Brisco (2003) Effects of solar radiation on the use of dissolved organic matter in Ozark streams. North American Benthological Society Meeting, May 27 – June 1, 2003, Athens, GA.

Ziegler, S., G. Piercey, and D. Magoulick (2003) Potential competition for prey between introduced crayfish (*Orconectes neglectus*) and native crayfish (*Orconectes eupunctus*) in Ozark streams: a stable isotope analysis. North American Benthological Society Meeting, May 27 – June 1, 2003, Athens, GA.

Ziegler, S. and S. Brisco (2003) Carbon isotopic signatures of biofilm microbes in two contrasting Ozark streams. North American Benthological Society Meeting, May 27 – June 1, 2003, Athens, GA.

Ziegler, S., R. Evans, S. Shaeffer, and J. Belnap (2002) Bromus tectorum invasion alters soil microbial C and N cycling in an arid Colorado Plateau grassland. American Geophysical Union Meeting. San Francisco, CA. December 8-12, 2002.

Ziegler, S., G. Thoma, and D. Wolf (2002) Phytoremediation of crude oil contaminated soils. Presented at the International Bioremediation Conference, October 14-19, San Diego, CA.

OTHER CREATIVE ENDEAVORS:

Susan Ziegler

Faculty Advisor for the Campus Civitan Organization – national organization to promote local volunteer work. Participation in AWIS (Arkansas Women in Science) meetings.

Chemistry/Biochemistry

BOOKS:

None

CHAPTERS:

Pastor S.J. and Wilkins C.J., "Laser Fourier Transform Mass Spectrometry (FT-MS)" in Mass Spectrometry of Polymers, G. Montando and R.P. Lattimer (Eds.), CRC Press, Boca Raton, FL., pp 389-417 (2002).

Sears D.W.G., Allen C.C., Britt D.T., Brownlee D.E., Cheng A.F., Chapman C.R., Clark B.C., Drake B.G., Fevig R.A., Franchi I.A., Fujiwara A., Gorevan S.P. Kochan H., Lewis J.S., Lindstrom M.M., Nishiizumi K., Race M.S., Scheeres D.J., Scott E.R.D., Taylor G.J. and Yano H., "Near-Earth Asteroid Sample Return", in The Future of Solar System Exploration (2003-2013) – Community Contributions to the NRC Solar System Exploration Decadal Survey, ASP Conference Proceedings, Vol. 272, edited by Mark V. Sykes, San Francisco, Astronomical Society of the Pacific, pp. 111-140 (2002).

Sykes M.V., Asphaug E., Bell J.F., Binzel R.P., Bottke W., Bus S.J., Cellino A., Clark P., Davis D.R., de Sanctis M.C., Durda D.D., Emergy J., Fevig R.A., Fink U., Granahan J., Harris A.W., Hartmann W.K., Jedicke R., Kelley M., Larson S.M., Lien D.J., Magri C., Ostro S.J., Reed K.L., Rivkin A.S., Sears D.W.G., Storrs A., Tholen D.J., Walker R., Whitely R. and Yano H., "Exploring Main Belt Asteroids" in The Future of Solar System Exploration (2003-2013) – Community Contributions to the NRC Solar System Exploration Decadal Survey, ASP Conference Proceedings, Vol. 272, edited by Mark V. Sykes, San Francisco, Astronomical Society of the Pacific, pp. 159-176 (2002).

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Aguilar Z.P., Vandaveer W.R. and Fritsch I., "Self-Contained Microelectrochemical Immunoassay for Small Volumes using Mouse IgG as a Model System", *Anal. Chem.*, 74, 3321-3329 (2002).

Baker J. and Pulay P., "An Efficient Parallel Algorithm for the Calculation of Canonical MP2 Energies", *J. Comput. Chem.*, 23, 1150-1156 (2002).

Baker J. and Pulay P., "Assessment of the Handy-Cohen Optimized Exchange Density Functional for Organic Reactions", *J. Chem. Phys.*, 117, 1441-1449 (2002).

Mitin A.V., Baker J., Wolinski K. and Pulay P., "Parallel Stored Integral and Semi-Direct Hartree-Fock and Density Functional Energies with Data Compression", *J. Comput. Chem.*, 24, 154 (2003).

McCarter S.L., Adney W.S., Vinzant T.B., Jennings E., Posey-Eddy F., Decker S.R., Baker J.O., Sakon J. and Himmel M.E., "Exploration of the cellulose surface binding properties of A. cellulolyticus Cel5A by site specific mutagenesis", *Applied Microbiology*, 98-100, 273-287 (2002).

Battaglia D. and Peng X., "Formation of High Quality InP and InAs Nanocrystals in a Non-coordinating Solvent", *Nano Letters*, 2(9), 1027-1030 (2002).

Benoit P.H., Akridge G.A., Ninagawa K., Sears D.W.G., "Thermoluminescence sensitivity and thermal history of type 3 ordinary chondrites: Eleven new type 3.0-3.1 chondrites and possible explanations for differences among H, L, and LL chondrites", *Meteoritics and Planetary Science*, 37, 793-806 (2002).

Schneider D.M., Symes S.J.K., Benoit P.H., Sears D.W.G., "Properties of chondrules in EL3 chondrites, comparison with EH3 chondrites, and the implications for the formation of enstatite chondrites", *Meteoritics and Planetary Science*, 37, 1401-1416 (2002).

Chai Y., Hong S.-P., Lindsay H.A., McFarland C. and McIntosh M., "New Aspects of the Ireland and Related Claisen Rearrangements", *Tetrahedron*, 58, 2905-2928 (2002).

Chai Y., Vicic D. and McIntosh M., "A Cycloaldol Approach to the Isobenzofuran Core of the Eunicellin Diterpenes", *Org. Lett.*, 5, 1039-1042 (2003).

Beer L., Brusso J.L., Cordes A.W., Haddon Robert C., Itkis M.E., Kirschbaum K., MacGregor D.S., Oakley R.T., Pinkerton A.A. and Reed R.W., "Resonance-Stabilized 1,2,3-Dithiazolo-1,2,3-dithiazolyls as Neutral π -Radical Conductors", *J. Am. Chem. Soc.*, 124, 9498-9509 (2002).

Chandrasekhar V., Nagendran S., Bansal S., Cordes A.W. and Vij A., "Rangoli with Tin Drums: C-H...O Bond-Assisted Supramolecular Grids Involving Organostannoxane Clusters", *Organometallics*, 21, 3297 (2002).

Chi X., Itkis M.E., Reed R.W., Oakley R.T., Cordes A.W. and Haddon R.C., "Conducting Pathways in Organic Solids: A Phenalenyl-Based Neutral Radical of Low Conductivity", *J. Phys. Chem. B*, 106, 8278-8287 (2002).

Itkis M.E., Chi X., Cordes A.W. and Haddon R.C., "Magneto-opto-electronic bistability in a phenalenyl-based neutral radical", *Science (Washington, D.C.)*, 296 (5572), 1443 (2002).

Brand H.V., Rabie R.L., Funk D.J., Diaz-Acosta I., Pulay P. and Lippert T.K., "Theoretical and Experimental Study of the Bivational Spectra of the α , β , and δ Phases of Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)", *J. Phys. Chem. B*, 106, 10594-10604 (2002).

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sphaeroides Cytochrome bc1 Complex: Effects of pH, Temperature, and Driving Force", *J. Biol. Chem.*, 277, 31072-31078 (2002).

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Burns P.C., Ceder G., Chidsey C.E.D., Glegg W., Coronado E., Dai H., Deem M.W., Dunn B.S., Galli G., Jacobson A.J., Kanatzidis M., Lin W., Manthiram A., Mrksich M., Norris D., Nozik A.J., Peng X., Rawn C., Rolison D., Singh D.J., Toby B.H., Tolbert S., Wiesner U.B., Woodward P.M., Yang P., "Future directions in solid state chemistry: Report of the NSF-sponsored workshop", *Progress in Solid State Chemistry*, 30(1-2), 1-101 (2002).

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Wang B., Hinton J.F. and Pulay P., "Accurate Prediction of Proton Chemical Shifts. II. Peptide Analogs", *J. Computational Chemistry*, 24, 492 (2002).

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NONREFEREED PUBLICATIONS AND PRESENTATIONS:

Sakon Joshua, Pauling Prize Report, American Crystallographic Association Newsletter, Summer 2002 Number 4.

INVITED LECTURES:

Aguilar Zoraida, King K.G., Evans S.R., Clark Emily, Arumugam Prabhu, Fakunle Eytayo and Fritsch Ingrid, "Considerations in Using Magnets to Induce Flow on a Small Scale", Symposium on Bioanalysis in the Micro- and Nano-Flow Regime, American Chemical Society, Boston, MA. (August 18-22, 2002).

Aguilar Zoraida, Vandaveer Walter, Factor Brigitte, Evans S. and Fritsch I., "Use of Micro- and Nanoelectrode systems to Achieve Speed, Sensitivity and Stability in Bioanalysis", Workshop on

Electrochemical Biosensors—Opportunities, Requirements, and Challenges, Army Research Laboratory, Adelphi, MD. (September 25-26, 2002).

Aguilar Zoraida, Fakunle Eytayo, Barlow Fred and Fritsch Ingrid, "Considerations in Developing Electro-chemical Microimmunoassays Based on Low Temperature Co-Fired Ceramic Materials", Pittcon conference, Orlando, FL (March 9-14, 2003).

Durham Bill, "Electron Transfer in Cytochrome c Oxidase", Lyon College (January 28, 2003).

Clark Emily, Fakunle Eytayo, Pennington Ellen, Arumugam Prabhu, Aguilar Zoraida., Evans S.R., King K.G. and Fritsch Ingrid, "Harnessing Magnetic Field Effects in Electrochemical Microsystems to Control Flow and Stirring", Electrochemical Society Meeting, Salt Lake City, UT. (October 20-25, 2002).

Fritsch Ingrid, "Exploiting electrochemistry for analysis in and control of microscopic systems", Symposium on Celebrating Women in Analytical Chemistry 2002, American Chemical Society, Boston, MA (August 18-22, 2002).

Fritsch Ingrid, "Exploiting Electrochemistry for Analysis in and Control of Microscopic Systems", University of Colorado (February 2003).

Fritsch Ingrid, "Immuno- and DNA-Hybridization Assays", Symposium on Sensors, Actuators, and Microsystems, 203rd Meeting of Electrochemical Society, Paris, France (April 27-May 2, 2003).

Fritsch Ingrid, "Temporal and Spatial Considerations in Developing Microelectrochemical Systems for Small Volume Analysis", 225th ACS National Meeting, Symposium of Microelectrode Systems and Arrays (March 23-27, 2003).

Fritsch Ingrid, "Considerations in Developing Electrochemical Microimmunoassays Based on Low Temperature Co-Fired Ceramic Materials", Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Gawley Robert, "Chemosensors for Marine Toxins", University of York, Heslington, York, UK (June 2, 2003).

Gawley Robert, "Chiral Organometallics", University of York, Heslington, York, UK (June 2, 2003).

Lay, Jr. Jackson, "Development of Fourier Transform Mass Spectrometry (FTMS) as a Tool for Bioterrorism Defense: The Rapid Identification of Bacteria by FTMS", Department of Chemistry, University of Arkansas at Little Rock (October 4, 2002).

Lay, Jr. Jackson, "Characterizing Bacteria", St. Louis Area Mass Spectrometry Discussion Group (April 9, 2003).

Lay, Jr. Jackson, "Characterizing Bacteria by Mass Spec", UAMS Department of Pharmacy, Little Rock, AR. (January 24, 2003).

McIntosh Matthias, "Studies Directed toward the Eunicellin Diterpenes", NSF Workshop on Synthetic Organic Chemistry, Holderness, NH. (June 27-July 1, 2002).

Peng Xiaogang, General Electric, New York, NY. (July 2002).

Peng Xiaogang, "Session for Optical Properties of Semiconductor Nanocrystals", SPIE 47th Annual Meeting (July 2002).

Peng Xiaogang, Plenary Speaker, Nanodays, Rice University (October 2002).

Peng Xiaogang, University of Chicago (November 2002).

Peng Xiaogang, European Union-NSF Joint Workshop on Nanotechnology (December 2002).

Peng Xiaogang, Materials Research Society Annual Meeting, Boston, MA. (December 2002).

Peng Xiaogang, "Colloidal Nanocrystals, From Fundamental Chemistry to Technical Applications", Texas A&M University (January 30, 2003).

Peng Xiaogang, invited talks at the spring meeting of the Materials Research Society, San Francisco, CA.; Kovia Inc., Redwood City, CA.; Quantum Dot Co., Hayward, CA.; Nanosys Inc., Sunnyville, CA. (week of April 21, 2003).

Pulay Peter, "Geometry Optimization and Molecular Dynamics in Internal Coordinates", Workshop on Molecular Geometry Optimization, Coimbra, Portugal (July 1-3, 2002).

Pulay Peter, "Electron Correlation Methods for Large Systems", The Welch Foundation 46th Conference on Chemical Research, Houston, TX. (October 28-29, 2002). [Note: 5 Nobel Prize winners were present: Juan Lee, John Pople, Walter Kohn, William Lipscomb and Jerome Karle]

Pulay Peter, "Quantum Chemical Calculations for Large Molecules with Large Basis Sets: The Fourier Transform Coulomb Method", Vibrations and Quanta, Budapest, Hungary (December 13-14, 2002).

Pulay Peter, "Predicting NMR Chemical Shifts for Protein Models: A Potential New Source of Information on Protein Conformation", Duke University (2003).

Pulay Peter, "Local Treatment of Electron Correlation", Duke University (2003).

Pulay Peter, "Canonical second-order Møller-Plesset calculations for large molecules", sponsored by CERQT (Center for Theoretical Chemistry Research), University of Barcelona, Barcelona, Spain (July 5, 2002).

Sakon Joshua, "A Bacterial Collagen-Binding Domain with Novel Calcium-Binding Motif Controls Domain Orientation", Kagawa Medical School, Japan (January 7, 2003).

Sakon Joshua, "A Bacterial Collagen-Binding Domain with Novel Calcium-Binding Motif Controls Domain Orientation", Okayama University, Japan (January 9, 2003).

Schäfer Lothar, invitations to lecture on my book, In Search of Divine Reality. University of Arkansas, Advanced Placement Institute, Giffels Auditorium (July 22, 2002). Germantown United Methodist Assembly, Germantown Parkway, Germantown, TN. (August 4, 2002). IEEE, University of Colorado, Boulder, CO. (September 12, 2002).

Borders Bookstore, Longmont, CO. (September 13, 2002).
Borders Bookstore, Colorado Springs, CO. (September 14, 2002).
SPRE, Fort Collins, CO. (September 15, 2002).
A Place for Peace, Fort Collins, CO. (September 15, 2002).
Unitarian Universalist Church of Boulder (September 15, 2002).
Boulder Public Library (September 17, 2002).

Sears Derek, "The Origin of Meteorites and the Surface Properties of Asteroids", Arkansas chapter of Sigma Xi, Union Servery (November 7, 2002).

Stites Wesley, was invited to review grants for the Department of Homeland Security fellowship and scholarship program, Washington, D.C.

Vic David, "Cleaving Strong Carbon-Sulfur Bonds with Transition-Metal Complexes", Arkansas State University (October 21, 2002).

Vic David, "Transition-Metal Chemistry at the University of Arkansas", 225th ACS National Meeting, New Orleans, LA. (March 25, 2003).

Vic David, "Stabilizing Unusual Geometries and Oxidation States of Nickel", Johann Wolfgang Goethe-Universität, Frankfurt, Germany (June 13-18, 2003).

Wilkins Charles, "Characterization of Cellular Biomarkers from Intact Cells by MALDI FTMS", Keynote Lecture, Euroanalysis 12, Dortmund, Germany (September 9, 2002).

Wilkins Charles, "Analytical Applications of Fourier Transform Mass Spectrometry", Physics Department, University of Arkansas (October 25, 2002).

Wilkins Charles, "Characterization of Bacteria by Mass Spectrometry", EAS Award Address, Eastern Analytical Symposium, Somerset, NJ. (November 19, 2002).

Wilkins Charles, "Analytical Fourier Transform Mass Spectrometry", Chemistry Department, Ruhr University of Bochum, Germany (December 9, 2002).

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Baker Jon, "An Improved 6-31G* Basis Set for First-Row Transition Metals", WATOC Congress, Lugano, Switzerland, Poster (August 4-9, 2002).

Baker Jon, "An Improved 6-31G* Basis Set for First-Row Transition Metals", 11th CCTCC, Jackson, MS., Poster (November 1-2, 2002).

Battaglia David, "Colloidal Synthesis of High Quality InP & InAs Semiconductor Nanocrystals in a Non-coordinating Solvent", 225th ACS National Meeting, New Orleans, LA (March 23-27, 2003).

Benoit Paul and Sears Derek, "GRO95502 and MET96500: New highly unequilibrated ordinary chondrites", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA., (July 21-26, 2002).

Benoit P.H. and Sears D.W.G., "GRO95502 and MET 96500: New highly unequilibrated ordinary chondrites", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA., Meteoritics and Planetary Science, suppl., 37, A15 (2002).

Lauretta D.S., Killgore M., Benoit P.H., Moore S. and Sears D.W.G., "NWA 505: A new LL3.0 with evidence for chondrules formation in a dust-rich environment", 65th Annual Meeting of the

Meteoritical Society, Los Angeles, CA., Meteoritics and Planetary Science, suppl., 37, A84 (2002).

Lauretta D.S., Killgore M., Benoit P.H., Moore S. and Sears D.W.G., "NWA 505: A new LL3.0 with evidence for chondrules formation in a dust-rich environment", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA (July 21-26, 2002).

Clark Emily and Fritsch Ingrid, "Magnetohydrodynamic Studies Toward the Development of Microfluidic Devices", Poster, Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Diaz-Acosta I., Baker J., Hinton J.F. and Pulay P., "Calculated and Experimental Geometries and Infrared Spectra of Metal Tris-Acetylacetonates", *Spectrochimica Acta*, 59A(2), 363 (2002).

Diaz-Acosta I., Baker J., Hinton J.F. and Pulay P., "Calculated and Experimental Geometries and Infrared Spectra of Metal Tris-Acetylacetonates. Vibrational Spectroscopy as a Probe of Molecular Structure for Ionic Complexes. Part II.", *Spectrochim. Acta*, 59A, 363 (2003).

Fakunle Eytayo, "Low temperature co-fired ceramic (LTCC) with screen-printed electrodes as a platform for micro total analysis systems", Poster, Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Füsti-Molnár Laszlo and Pulay Peter, "Efficient Calculation of the Coulomb Operator and its Matrix Elements", WATOC02., Lugano, Switzerland (August 4-9, 2002).

Fritsch I., "Materials Considerations in Developing Microelectrochemical", Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Goforth R.L., Chi A.K., Andersen O.S., Koeppe, II R. and Greathouse D.V., "Double-barreled gramicidin channels", *Biophys. J.*, 82, A2726.

Scherer E.M., Shobana S., Greathouse D.V., Koeppe, II R. and Andersen O.S., "Properties of gramicidin A channels with modified tryptophan rings", *Biophys. J.*, 82, A2722 (2002).

Hutchison John, Hong S.-P. and McIntosh Matthias, "Approaches toward the Total Synthesis of Eupomatilonones", 224th ACS National Meeting, Boston, MA., ORGN-529 (August 18-22, 2002).

Johnson Clifton, "Internally Calibrating Oxygen Sensor", Poster, Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Jones Jeff, "Mass Defect Plots of High Resolution MALDI FTMS Whole Cell Bacterial Data used as an Aide for Rapid Lipid Characterization", Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Jones Jeff, "Spatial Distribution and Identification of Protein Post-translational Additions by MALDI-FTMS and Mass Defect Analysis", ASMS 51st Annual Conference on Mass Spectrometry and Allied Topics, Montreal, Quebec, Canada (June 7-13, 2003).

Jordan John B., "The Effects of Single Amino Acid Replacement on the Structure and Function of Gramicidin A Analogs", 44th Experimental Nuclear Magnetic Resonance Conference, Savannah, GA. (March 30-April 4, 2003).

Kareev M., Sears D.W.G. and Benoit P.H., "Simulation of the weathering processes on Mars", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA., Meteoritics and Planetary Science, suppl., 37, A74 (2002).

Kareev Mikhail, Sears Derek and Benoit Paul, "Simulation of the weathering processes on Mars", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA. (July 21-26, 2002).

Werbin J, Martinez A., Koeppe, II R., Greathouse D.V. and Andersen O.S., "The subunit interface for right-handed gramicidin channels that begin with D- or L-amino acids", Biophys. J., 82, A2723 (2002).

Kracher A., Benoit P.H., Thomas D.M. and Sears D.W.G., "Size sorting and metal-silicate fractionation in enstatite chondrites", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA., Meteoritics and Planetary Science, suppl., 37, A80 (2002).

Kracher Alfred, Benoit Paul, Thomas D.M. and Sears Derek, "Size sorting and metal-silicate fractionation in enstatite chondrites", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA. (July 21-26, 2002).

Lau C.S., Carrier D.J., Howard L.R., Lay, Jr. J.O., Archambault J.A. and Clausen E.C., "Extraction of Antioxidant Compounds from Energy Crops", 25th Symposium on Biotechnology for Fuels and Chemicals (May 2003).

McIntosh Matthias, "Studies Directed toward the Eunicellin Diterpenes", Gordon Research Conference on Organic Reactions and Processes, Bristol, RI., poster (July 21-26, 2002).

McIntosh Matthias, "Studies Directed toward the Eunicellin Diterpenes", Gordon Research Conference on Natural Products, Tilton, NH., poster (July 28-August 2, 2002).

McIntosh Matthias, "Approaches to the Synthesis of the Eunicellin Diterpenes", Midwest ACS meeting, Lawrence, KS, paper (October 24, 2002).

McIntosh Matthias, McFarland Christopher and Yaramasu T., "Effect of Structure on Diastereoselection in an Intramolecular SN2' Reaction", 224th ACS National Meeting, Boston, MA., ORGN-081 (August 18-22, 2002).

McIntosh Matthias and Chai Yonghai, 224th ACS National Meeting, Boston, MA., ORGN-365 (August 18-22, 2002).

Moore S.R., Sears D.W.G., Benoit P.H. and Kracher A., "Petrologic classification of type 3 ordinary chondrites and a CO chondrite from the Sahara", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA., Meteoritics and Planetary Science, suppl., 37, A103 (2002).

Moore Shauntae, Sears Derek, Benoit Paul and Kracher Alfred, "Petrologic classification of type 3 ordinary chondrites and a CO chondrite from the Sahara", 65th Annual Meeting of the Meteoritical Society, Los Angeles, CA. (July 21-26, 2002).

Pennington Ellen and Fritsch Ingrid, "Analytical Devices with Integrated Microchannels and Microelectrodes in Poly (dimethylsiloxane) and Glass Materials", Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Pulay Peter, "MP2 calculations for large molecules and with large basis sets", Molecular and Solid State Quantum Chemistry Meeting, Daresbury Laboratory, England (June 10-11, 2003).

Pulay Peter, "The Fourier transform Coulomb method for efficient density functional calculations using Gaussian basis sets", Central European Chemical Meeting (CECM-2), Varazdin, Croatia (June 19-21, 2003).

Pulay Peter, "New results in molecular dynamics: Internal coordinate propagation and Fock matrix dynamics", 18th International Course & Conference on the Interfaces among Mathematics, Chemistry & Computer Sciences, Dubrovnik, Croatia (June 23-26, 2003).

Pulay Peter, "Accurate Gaussian basis first principles calculations for large systems using the Fourier Transform Coulomb method", Role of Chemistry in the Evolution of Molecular Medicine conference dedicated to the memory of Albert Szent-Gyorgyi, Szeged, Hungary (June 27-29, 2003).

Schmutzer S.E., Sadigh K., Chi A.K., Shobana S., Greathouse D.V., Andersen O.S. and Koeppel, II R., "Peptide backbone modifications in gramicidin channels", Biophys. J., 82, A2724 (2002).

Teppen B.J., Yu C.-H., Newton S.Q., Miller D.M. and Schäfer L., "Quantum Molecular Dynamics Simulations Regarding the Dechlorination of Trichloro Ethene in the Interlayer Space of the 2:1 Clay Mineral Nontronite", J. Phys. Chem., A106, 5498-5503 (2002).

Sears Derek, Jansma P., Mattioli G., Kareev Mikhail, and Benoit Paul, "Simulation of the formation of regolith ponds on asteroids", European Geophysical Union Conference, Nice, France (2002).

Kral T.A., Sears Derek, Benoit Paul and Kareev Mikhail, "Growth of methanogens under conditions approaching a simulated martian environment", European Geophysical Union Conference, Nice, France (2002).

Sears Derek, Allen C., Britt D., Brownlee D.E., Pieters C.M., Scheeres D. and Scott E., "The HERA Mission: Sample return from three near-earth asteroids", World Space Congress, Houston TX. (October 10-19, 2002).

Sears Derek, Kochan H., Colangeli L. and Ehrenfreund P., "Simulation of physical and chemical processes in support of space missions", World Space Congress, Houston, TX (October 10-19, 2002).

Sears Derek, Moore Shauntae, Nichols Shawn, Kareev Mikhail and Benoit Paul, "Intuition and experience: Asteroid surfaces, meteorites and planetary geosciences in microgravity", annual Division of Planetary Sciences meeting, Birmingham, AL. (October 6-11, 2003).

Stites Wesley and Chen J., "Hydrophobic packing and protein stability", Colorado Protein Stability Meeting (July 2002).

Stites Wesley and Chen J., "Hydrophobic packing and protein stability", Arkansas Biosciences Institute Meeting (October 2002).

Stump Michael, "Use of All 12C and 14N Culture Media for Analysis of Whole Cell Bacteria by MALDI Time-of-Flight and Fourier Transform Mass Spectrometry", ASMS 51st Annual Conference on Mass Spectrometry and Allied Topics, Montreal, Quebec, Canada (June 7-13, 2003).

Stump Michael, "Advances in Trapping Techniques in Internal Ionization Fourier Transform Mass Spectrometry using Polyethylene Glycol Mixtures", Pittsburgh Conference, Orlando, FL. (March 9-14, 2003).

Vandaveer Walter, Clark Emily, Fakunle Eytayo, Mubarak I. and Fritsch Ingrid, "Taking Advantage of Small Dimensions to Amplify Signal in Chip-Based Electrochemical Analysis Systems", 53rd Annual Meeting of the International Society of Electrochemistry, Dusseldorf, Germany (September 15-20, 2002).

Wilkins Charles, Session Leader/Chair of the symposium "Rapid and Specific Identification of Microorganisms by Mass Spectrometry", Pittsburgh Conference, Orlando, FL (March 9-14, 2003).

OTHER CREATIVE ENDEAVORS AND COMPARABLE ACTIVITIES:

Hinton Jim and Sakon Joshua – BRIN Summer Proteomics Workshop (June 4-6, 2003)
"3D Structure Determination"

Lay Jack – BRIN Summer Proteomics Workshop (June 4-6, 2003)
"Peptide Mass Fingerprinting"

Schäfer Lothar – my ideas about the conceptual implications of Quantum Physics continue to attract public attention, in-state and out-of-state.

The Arkansas Democrat Gazette carried a feature article on Science and Religion; Saturday, August 10, 2002, in which my input was central.
30-minute radio interview, KGNU Radio, Boulder, CO. (September 13, 2002).
In the fall 2002 catalog of the University of Arkansas Press, the book was listed as one of their bestsellers.

Himmel M.E., Adney W.S., Baker J.O., Vinzant T.B., Decker S.R. and Sakon J. – patent
Endoglucanase variants Y245G, Y82R and W42R, D327R, D334G and D334Y, pending.

Sakon Joshua – patent

Canadian patent applied in endoglucanase mutants and mutant hydrolytic depolymerizing enzymes and uses

Placed 218 out of 20,000-plus runners in the 107th Boston Marathon (April 2003).

Came in 1st in the Dr. Scholl's Habitat for Humanity Tin Cup 5K run (October 2002).

Stites Wesley BRIN Summer Proteomics Workshop (June 4-6, 2003)

"Use of 2D Gel Electrophoresis"

BRIN SUMMER PROTEOMICS WORKSHOP

Organized by Joshua Sakon

Director, Donald Bobbitt, - also the campus director and associate director of the Arkansas BRIN
Robyn Goforth, Brad Jordan, Rebecca Lovett and Cynthia Sides assisted.

The facility provides collaboration or support depending on the problem.

Millett Francis S., Director, NIH COBRE Center for Protein Structure and Function

I have been involved in a wide range of activities associated with the COBRE center, including providing guidance to the junior faculty in advancing their research careers and writing their own NIH grant proposals, searching for new faculty, purchasing equipment for the new NMR facility, and setting budget priorities.

I organized and participated in the annual symposium for the Center for Protein Structure and Function in May, 2002. The external review committee of the center met at the symposium to provide guidance to the junior faculty members as well as the director and the co-director, Roger Koeppe. With the help of the other members of the center, I wrote the continuation proposal for the third year of the COBRE grant. This was actually longer and more complicated than the original proposal. The second year was funded on September 1, 2002 in the amount originally Requested.

NIH 1 P20 RR15569-03 "Center for Protein Structure and Function", F. Millett, PI, R. Koeppe, Co-PI, Annual Budget: \$1,939,159 for 09/01/02-08/31/03.

Total Budget: \$9,631,312 for 9/30/00-8/31/05.

I have been involved in the faculty searches for the 6 new faculty to be supported by COBRE. I was chair of the search committee for the NMR faculty position, which resulted in hiring Chin Yu. I was a member of the search committee for the new organic faculty, which resulted in bringing in Bob Gawley and David Vicic. The Department of Biochemistry and Molecular

Biology at UAMS completed their search for a new COBRE faculty with the hire of Dr. Paul Miller. The Department of Biological Sciences completed their search for two new faculty in the COBRE center, with the hiring of Michael Lehmann, and Wayne Zhou.

As director of the center, I wrote a Supplement proposal to NIH for renovating several laboratories for research, including Science Building 217, 218, 302-305 and Chemistry Research Building G03. Wes Stites was also involved in preparing this proposal. This proposal received one of the best priority scores at its study section, 145, and was funded 09/30/02 for \$500,000: NIH 3 P20 RR15569-03S1, "Renovation Supplement for COBRE RR15569003, 09/30/02 – 08/31/05 Annual \$500,000, total \$500,000, Priority Score: 145.

Jim Hinton and Marv Leister supervised the renovation and installation of the new COBRE NMR Facility. The new instrumentation includes a new 700 MHz NMR with cryoprobe, a new 500 MHz NMR with cryoprobe, new console and probes for the existing 500 MHz NMR, and new console and probe for the existing 300 MHz wide-bore solid-state NMR. Bruker has designated the new NMR center as a demonstration facility, which will increase our visibility in the NMR community.

Paul David, Co-Director of the REU program with Bobbitt Donald. Wrote a supplement for the existing NSF-REU grant to investigate establishing an international REU site in Moscow. NSF: \$7,125, "Research Experiences for Undergraduates in Chemistry at the University of Arkansas", supplement to Bobbitt's REU Grant, 8/02-2/31/03. This project was funded, and Dean Bobbitt, Provost Smith and I went to Russia in October of 2002. The program is moving forward.

Collected and reviewed applicant files and arranged for students living on campus, as well as assigned mentors. Unlike the past, all names and addresses of REU applicants (about 120) were turned over to recruiting for tracking as prospective graduate students.

Sears Derek, Director, Arkansas-Oklahoma Center for Space and Planetary Sciences
The following are accomplishments aimed at building up the center:
The Andromeda chamber produced its first scientific results that appeared in four conference presentations and two publications.

Continued our regular series of center seminars with live interactive video streaming between Arkansas and Oklahoma (see <http://www.uark.edu/misc/csaps/ws.html>).

We organized the third annual one-day workshop for the External Advisory Board. Offered an REU in space and planetary sciences that was taken by 12 students in chemistry and biochemistry, biological sciences, physics, and mechanical engineering departments at U of A and OSU. Sixty-percent of the participating faculty are located in departments that would not otherwise have access to an REU program. The program – involving trips to NASA bases and industry, visits by astronauts, posters and oral presentations – was very successful.

We submitted a successful pre-proposal to submit an IGERT proposal to NSF and we began working on the full proposal.

Requested and given building 49 for use by the space center.

We have made considerable progress in a set of proposals to the University to create new multidisciplinary graduate programs in space and planetary sciences. Proposals have been approved by the departments and are now under consideration by the colleges at both U of A and OSU.

The congressional appropriation request to support of the center was unsuccessful last year but a revamped request was submitted. Preliminary indications from the DC lobbyists and Senator Lincoln are positive.

Published a five-year plan for the Center.

Submitted four proposals for Walton chairs in collaboration with the biological sciences, physics, geosciences and mechanical engineering departments.

Submitted and were awarded two Walton scholarships, one for \$30,000 and one for \$22,000 (including matches).

The following are milestones in the preparation of the HERA mission proposal to NASA. NRC Decadal Study of the future of Space Science included a report by a panel organized and chaired by Sears advocating near-Earth asteroid sample return (see <http://www.aas.org/~dps/decadal/>). Our recommendations were adopted by the Primitive Bodies Panel who made sample return their highest scientific priority. Their recommendation was adopted by the Steering Panel and will strongly influence NASA's funding decisions in the next decade. Our white paper is currently in press in the NRC report (see <http://www.uark.edu/misc/csaps/whitepaper.html>).

Conducted at workshop in Los Angeles to establish the science requirements of the sample collector.

The space center, and its industrial partner SpaceWorks of Carefree Arizona received NASA funds to develop a sample collector consistent with the recommendation of the near-Earth sample workshop in Los Angeles.

JPL agreed to be the management partner for the mission. They stated that our proposal to them was greeted by unanimous excitement.

When it was learned that JHU/APL plan to propose a competing near-Earth asteroid sample return mission, JPL conducted an internal science review of HERA and concluded that HERA was the superior mission. They assigned their strongest design team to work on the proposal. Completed an evaluation to identify the mission needs and requirements with respect to a spacecraft provider.

Began the process of identifying an Education and Public Outreach partner for the mission.

Wilkins Charles, Academic Director, Arkansas Statewide Mass Spectrometry Facility, High Performance Mass Spectrometry Laboratory

During the past year I worked with Dr. Jack Lay supervising the operation and maintenance of three high performance mass spectrometers and ancillary equipment, with an approximate value of \$1,600,000. I completed the recruitment of one full time mass spectrometry specialist, Dr. Rohana Liyanage, in addition to completing the recruitment of Dr. Jack Lay as Operations Director of the Statewide Mass Spectrometry Facility. Because this is an academic service laboratory, no publications or grant support activities (other than equipment) are pursued. Together with Dr. Lay, I formulated a proposal to add robotics capabilities to the laboratory that resulted in a college grant of about \$150,000 to accomplish this. The new equipment is just being installed and will permit the automated analysis of protein gels by MALDI-TOF-MS. We also completed the move of the department GC-MS equipment into the facility and supervised its repair.

COMMUNICATION

BOOKS:

None

BOOK CHAPTERS:

Rushing, Janice Hocker and Thomas S., Frenz. "The Mythic Perspective." In *The Art of Rhetorical Criticism*, ed. James Kuypers. Boston: Allyn & Bacon, in press.

Smith, Stephen A. "Elias Boudinot: An Address to the Whites." In *Early Encounters in North America: Peoples, Cultures, and the Environment*, ed. Ray Bucko, Michael Edmonds, and Dan Mandell. Alexandria, VA: Alexander Street Press, 2002.

<http://www.alexanderstreet2.com/EENALive/>

Smith, Lindsley Armstrong. "Chief John Ross." In *Early Encounters in North America: Peoples, Cultures, and the Environment*, ed. Ray Bucko, Michael Edmonds, and Dan Mandell. Alexandria, VA: Alexander Street Press, 2002. <http://www.alexanderstreet2.com/EENALive/>

Smith, Lindsley A. "Chief Red Jacket." In *Early Encounters in North America: Peoples, Cultures, and the Environment*, ed. Ray Bucko, Michael Edmonds, and Dan Mandell. Alexandria, VA: Alexander Street Press, 2002. <http://www.alexanderstreet2.com/EENALive/>

Krendl, Kathy A. and Ron Warren. "Media Content and Beyond: Learning in Out-of-school Contexts." In *Handbook of Research on Educational Communication and Technology*, ed. David Jonassen. Bloomington, IN: Association for Educational Communication and Technology, 2002.

JOURNAL ARTICLES:

Amason, Patricia. "Choosing an Undergraduate Text from a Limited Range of Options: A Review Essay of Family Communication Textbooks." *Journal of Family Communication*, 2 (2002): 41-56.

Smith, Stephen A. and Jimmie N. Rogers. "Rhetorical Reruns: Cultural Continuity in Southern Political Arguments." *Journal of Communication Studies*, 19 (2002)
http://cotton.uamont.edu/~arkcomm/jcs19_1.html (2 December 2002)

Webb, Lynne M., Myria W. Allen, and Kandi L. Walker. "Feminist Pedagogy: Identifying Basic Principles." *Academic Exchange Quarterly*, 6 (2002): 67-72.

Walker, Kandi L., Christa L. Arnold, Michelle Miller-Day and Lynne M. Webb. "Investigating the Physician-Patient Relationship: Examining Emerging Themes." *Health Communication*, 14 (2001): 45-68. [Released in 2002.]

Wicks, Robert H. "Talking the Talk: Learning to Communicate Across Scientific Disciplines." *American Journal of Psychology*, in 116 (2003); 125-130.

OTHER PUBLICATIONS:

Allen, Myria Watkins. "Family Businesses: Communication, Conflict, Planning and Succession." *Journal of Family Communication*, 2 (2002): 215-224.

Allen, Myria Watkins. "Academics, Creativity, and the American Communication Journal." *American Communication Journal*, (Fall 2002),
<http://www.acjournal.org/holdings/vol6/issi/special/allen.htm> (13 June 2003).

Riemenschneider, C. K., Myria Watkins Allen, and M. Reid. "Potential Antecedents to the Voluntary Turnover Intentions of Women Working in Information Technology." In *Proceedings of the Eight Americas Conference on Information Systems*, edited by R. Ramsower, J. Windsor, and J. DeGross, 2018-2022. (2002),
<<http://aisel.isworld.org/Proceedings/AMCIS/2002/home.asp>>

Smith, Lindsley Armstrong. "Appellate Briefwriting." In *Encyclopedia of American Law*, edited by David Schultz. New York: Facts on File, 2002.

Smith, Lindsley Armstrong. "Appeal." In *Encyclopedia of American Law*, edited by David Schultz. New York: Facts on File, 2002.

Smith, Lindsley Armstrong. "Appellate Jurisdiction." In *Encyclopedia of American Law*, edited by David Schultz. New York: Facts on File, 2002.

Smith, Stephen A. "Thurgood Marshall." *Encyclopedia of American Law*, ed. David Schultz. New York: Facts-on-File, 2002, 294-295.

Webb, Lynne M., and Christina McGehee. "Negotiating the Academic Job Contract." *Women in Higher Education* (September 2002): 30-31; (October 2002); 30-31; and (November 2002); 29-31. [A competitively selected article published in a three-part series.]

INVITED LECTURES:

Scheide, Frank M. "The Keatons of Perry, Oklahoma." Lecture and video presented at the Noble County Genealogical Society, Perry, Oklahoma, October 2002.

Scheide, Frank M. "The Influence of English Music hall, Dan Leno and Fred Karno on the Film Comedy of Stan Laurel." Lecture presented at the Sons of the Desert International Convention, Nashville, Tennessee, July 2002.

Smith, Stephen A. "Election 2002 and the Future of the Democrats: Defining, Articulating, and Communicating the Party's Political Philosophy." Lecture presented to the Washington County Democratic Women, Fayetteville, Arkansas, November 2002.

Smith, Stephen A. "Enactment and Enforcement of the 1919 Arkansas Flag Desecration Statue." Lecture presented to the School of Law Faculty Enrichment Program, University of Arkansas, Fayetteville, Arkansas, October 2002.

CONVENTION AND CONFERENCE PRESENTATIONS:

Acoach, Charity L., Lynne M. Webb, Stephen A. Smith, and Patricia Amason. "The Influence of Language Brokering on Hispanic Teenagers' Acculturation, Academic Performance, and Nonverbal Decoding Skills: A Preliminary Study." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Allen, Myria Watkins, Patricia Amason, Ron Warren, Yi Chun Lin, Krista Dubbs and Kristopher Copeland. "Financial Discussion within the Family: Conversational Climate, Discussants, Topics, and Advice." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Riemenschneider, C. K., Myria Watkins Allen, and M. Reid. "Potential Antecedents to the Voluntary Turnover Intentions of Women Working in Information Technology." Paper presented at the Americas Conference on Information Systems, Dallas, Texas, 2002.

Ulrey, Kelsy L. and Patricia Amason. "Training in Intercultural Sensitivity and Effective Intercultural Communication." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Amason, Patricia. "Data Collection in Small Focused Samples." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Amason, Patricia. "Service Learning Experience in Graduate and Undergraduate Communication Classes: A Taste of the Real World." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Frentz, Thomas S. "Or Comes the Wolf." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Rogers, Jimmie N. "Country Music Radio: The Promised Land or Waste Land." Paper presented at the International Country Music Association Convention, Nashville, Tennessee, May 2003.

Rushing, Janice Hocker. "The Brainchild: Hatched from the Heads of Men in Academia." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Scheide, Frank M. "The Treatment of the Native American in Non-Fiction Film." Paper presented at the University of Arkansas' Native American Symposium, November 2002.

Scheide, Frank M. "The Keatons of Perry, Oklahoma." Paper and video presented at the Buster Keaton Celebration, Iola, Kansas, September 2002.

Smith, Lindsley Armstrong. "Bench and Bard." Paper presented at the joint convention of the Popular Culture Association and American Culture Association, New Orleans, Louisiana, April 2003.

Smith, Lindsley Armstrong. "Senatorial and Judicial First Amendment Rhetoric of Hugo Black." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Smith, Lindsley Armstrong. "Strategic Negotiation: Developing Analytic and Communication Skills." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Smith, Lindsley Armstrong. "The Cannon of Style: Increasing Student Speechwriting Skills." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Smith, Lindsley Armstrong. "Drawing Conclusions: Editorial Cartoons in The Citizen's Council." Paper presented at the Association for Education in Journalism and Mass Communication Southeast Colloquium, Little Rock, Arkansas, March 2003.

Smith, Lindsley Armstrong. "Senatorial Rhetoric of Hugo LaFayette Black." Paper presented at the Arkansas Political Science Association Meeting, Conway, Arkansas, February 2003.

Smith, Lindsley Armstrong. "Manufacturing Morality: Southern Culture and Religious Arguments Against Brown v. Board of Education." Paper presented at the joint meeting of the

Southwest/Texas popular Culture Association and American Culture Association Convention, Albuquerque, New Mexico, February 2003.

Smith, Lindsley Armstrong. "From Casual Conversation to Constitutional Confrontation: Historical Origins of *New York Times v. Sullivan*." Paper presented at the Hawaii International Conference on Arts and Humanities, Honolulu, Hawaii, January 2003.

Smith, Lindsley Armstrong. "Picking at Scabs: Labor Rhetoric and Free Speech in the 1940s." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Smith, Lindsley Armstrong. "A Rhetoric of Religious Racism." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Smith, Stephen A. "Charles Lee Smith: The Last Man in America Convicted for Blasphemy." Paper presented at the Arkansas Historical Association Convention, Monticello, Arkansas, April 2003.

Smith, Stephen A. "Singing Socialism: The Social protest Lyrics of Three Arkansas Radicals." Paper presented at the American Culture Association Convention, New Orleans, Louisiana, April 2003.

Smith, Stephen A. "Anonymity and Annoyance: Watchtower Bible & Tract Society v. Stratton." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Smith, Stephen A. and Jimmie N. Rogers. "Inside Agitators: Recurring Rhetorical Recriminations in Arkansas Senate Campaigns." Paper presented at the Southern States Communication, Birmingham, Alabama, April 2003.

Smith, Stephen A. "Beginnings: Starting a Debate Program at Schools without a Forensics Team or Coach." Paper presented at the Southern States Communication, Birmingham, Alabama, April 2003.

Smith, Stephen A. "Journalism Education at Commonwealth College, 1925-1940." Paper presented at the Association for Education in Journalism and Mass Communication Southeast Colloquium, Little Rock, Arkansas, March 2003.

Smith, Stephen A. "Promoting Patriotism and Disciplining Dissent: Political History of the Flag Desecration Controversy in Arkansas." Paper presented at the Arkansas Political Science Association Convention, Conway, Arkansas, March 2003.

Smith, Stephen A. "Liberty Poles: The Rhetorical Iconography of Resistance to Authority." Paper presented at the Southwest Popular Culture Association, Albuquerque, New Mexico, February 2003.

Smith, Stephen A. "Rhetorical Strategies in the Early Clinton Campaigns, 1974-1980." Paper presented at the Clinton Presidential Library-UALR Presidential Studies Program, Little Rock Arkansas, January 2003. [This presentation was broadcast on C-SPAN2, 31 January 2003.]

Smith, Stephen A. "Rhetoric and Reaction: The Arkansas Anti-Evolution Act of 1928." Paper presented at the Hawaii International Conference on Arts and Humanities, Honolulu, Hawaii, January 2003.

Smith, Stephen A. "Failure of the Legal Imagination: Southern State Courts and the Jehovah's Witnesses Flag Cases, 1937-1943." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Smith, Stephen A. "Defining and Documenting the Discipline: Accreditation Perspectives of the American Communication Association." Paper presented at the American Communication Association Convention, Washington, DC, September 2002.

Warren, Ron. "Preaching to the Choir? Parents' Use of TV Ratings to Mediate Children's Viewing." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Warren, Ron. "Parental Mediation of Preschool Children's Television Viewing." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Warren, Ron, and Patricia Amason. "Consumer Socialization: Theoretical Perspectives from Interpersonal and Mass Communication Research." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002

Liou, Chai-Hua and Lynne M. Webb. "Do Audience Members Perceive Mediated Portrayals of Family Conflicts Differently, Depending on Their Cultural Background? The film American Beauty as Case Study." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

McGehee, Christina and Lynne M. Webb. "The Part time Practice of Communication Training: Interviews with Independent Practitioners." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Webb, Lynne M., Amanda J. Bourgerie, Milton W. Shaper, Kayla B. Johnson, Krista L. Dubbs, Kim K Harp, and Amber M. Walker. "The Portrayal of Gender and Diversity in Family Communication: A Content Analysis of the Four Undergraduate Textbooks." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Webb, Lynne M. "Facilitating a Collaborative Research Team." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Webb, Lynne M. "How to Publish a Book Review in Family Communication." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002.

Pryor, Ashley S., and Lynne M. Webb. "Identity as an Adoptee: An Exploratory Study Examining the Influence of Communication Within the Adoptive Family on the Search for and Contact with the Birth Family." Paper presented at the International Communication Association Convention, Seoul, Korea, July 2002.

Wicks, Robert H., Jan L. Wicks, Ron Warren, and Todd Shields. "Media Framing of Islam and Terrorism: A Method of Analyzing Perceptions of Religious Portrayals in New Reporting." Paper presented at the Association for Education in Journalism and Mass Communication Convention, Miami, Florida, August 2002.

Tillery, Rebecca and Robert H. Wicks. "Images of the 2000 Presidential Candidates on the Internet." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002. [[This paper was designated as a top paper in the Political Communication Division of the National Communication Association.]

SUPPLEMENTAL DATA FOR 2003 ANNUAL REPORT

STUDENTS

BOOK CHAPTERS:

None

JOURNAL ARTICLES:

None

OTHER PUBLICATIONS:

Webb, Lynne M., and Christina McGehee. "Negotiating the Academic Job Contract." Women in Higher Education (September 2002): 30-31; (October 2002); 30-31; and (November 2002); 29-31. [A competitively selected article published in a three-part series.]

CONVENTION AND CONFERENCE PRESENTATIONS:

Bullock, Scott D. "Fight Club: Upholding the Masculine Hegemony of the Patriarchy." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Bullock, Scott D. "The Reversal of Dominance Ideologies in Fight Club." Paper presented at the American Communication Association Convention, Washington, DC, September 2002.

Copeland, Kristopher. "The Western Cherokees: Impact from Dwight Mission and the Federal Government." Paper presented at the American Communication Association Convention, Washington, DC, September 2002.

Crowder, Katie L. R. "Pushing Out the Future: An Ethnographic Look at Pregnancy and Adjusting to Motherhood." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Dewberry, David. "If an Argument Falls in the Woods: A Case Study of Freedom of Speech in the Quachita National Forest." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Francis, Trevor A. "The Evolving Self of William Montgomery." Paper presented at the American Communication Association Convention, Washington, DC, September 2002.

Heard, Le' Wanna. "Colin Powell for President 2004: Is America Ready for a Black President?" Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Hough, Jason Wayne. "Crisis Management via Topic and Performance Selection: Forensics as a Therapeutic Option." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Liou, Chai-Hua and Lynne M. Webb. "Do Audience Members Perceive Mediated Portrayals of Family Conflicts Differently, Depending on Their Cultural Background? The Film American Beauty as Case Study." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

McGehee, Christina and Lynne M. Webb. "The Part time Practice of Communication Training: Interviews with Independent Practitioners." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

McNair, Will. "A Reconstruction of Religious Repression: The Jehovah's Witness Flag Salute and Pledge Experience in Arkansas." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Pryor, Ashley S., and Lynne M. Webb. "Identity as an Adoptee: An Exploratory Study Examining the Influence of Communication Within the Adoptive Family on the Search for and Contact with the Birth Family." Paper presented at the International Communication Association Convention, Seoul, Korea, July 2002.

Tillery, Rebecca and Robert H. Wicks. "Images of the 2000 Presidential Candidates on the Internet." Paper presented at the National Communication Association Convention, New Orleans, Louisiana, November 2002. [[This paper was designated as a top paper in the Political Communication Division of the National Communication Association.]

Treat, Stacey. "Having an Old Friend for Dinner: The Consumption of Clarice Starling." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Ulrey, Kelsy L. and Patricia Amason. "Training in Intercultural Sensitivity and Effective Intercultural Communication." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Verley, Ta-Neisha. "A Portrait by Words: The Image of Female Political Candidates Created by the Media." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Walker, Amber M. "Prince Charming Doesn't Really Live Happily Ever After: An Analysis of 'Politically Correct' Fairy Tales." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Walker, Amber M. "Votes for Women: An Analysis of the Arguments Made in Arkansas." Paper presented at the Southern States Communication Association Convention, Birmingham, Alabama, April 2003.

Drama

BOOKS:

None

CHAPTERS:

Gross, Roger – Wrote preface and final chapter, *Asleep, to Dream*, edited by Hal J. Kelly, First Books Library, Bloomington, Indiana, 2002.

Tyndall, C. Patrick - "Continuing the Rage: How Do August Wilson and Joe Turner's Come and Gone Fit Within A Theatrical Rage Context?" will be published in a collection entitled *August Wilson, Black Aesthetics, and a New Black Arts Movement* by Palgrave Macmillan Press.

REFEREED ARTICLES:

Gross, Roger, *Resurrecting Playwrights: A Performance Demonstration of Technique For Creating the New Drama From Forgotten Flops*, Mid-America Theatre Festival, Indianapolis, Indiana, March, 2003.

Tyndall, C. Patrick, "This Old Cycle Continues: Familial Black Rage in August Wilson's *Fences*", *Association for Theatre in Higher Education*, August, 2002.

Tyndall, C. Patrick, "August Wilson's The Piano Lesson: Black Rage Shakin' Up The Family Home", Multi-Ethnic Literature in the United States Conference, Houston, April, 2003.

Tyndall, C. Patrick, "The Triumph of Black Rage, Black Power, and Africa in August Wilson's Two Trains Running", Representing Blackness Conference, McAlester College, February, 2003.

Tyndall, C. Patrick, "A Reading of Black Rage Through August Wilson's Joe Turner's Come And Gone", National Association of African American Studies Conference, February, 2003.

Tyndall, C. Patrick, Moderator, "Hi-Yella, Light-skin'd, Red-bone, Pale: 'Anything But Black, Just Get Me Outta This Hell!' – An Examination of Self-Hatred and the Effects of Racism in the Black Community", National Association of African American Studies Conference, University of Texas at Austin, February, 2003.

OTHER ARTICLES/NONREFEREED PUBLICATIONS:

None

RESEARCH PAPERS:

None

INVITED LECTURES/WORKSHOPS:

Brusstar, Terry - Choreographer, "Four Cantos", Middle Eastern Studies Conference, March, 2003.

Brusstar, Terry -- Choreographer, "Anna's Medley", Fayetteville Dance Coalition Spring Concert, May, 2003.

Leftwich, Gail -- Choreographer, "Aboriginal Voices", Fayetteville Dance Coalition Spring Concert, May, 2003.

OTHER LECTURES/PAPERS/PRESENTATIONS:

Gibbs, D. Andrew – National Design Chair for the Kennedy Center/American College Theatre Festival – representing A.C.T.F. at the National Convention for United States Institute For Theatre Technology.

Gorden, Chuck -- Guest Director and coordinator, Region VI Kennedy Center/American College Theatre Festival, Ten Minute Original Script Competition.

Gorden, Chuck -- Workshop Coordinator and Lecturer - New Play Development - Kennedy Center/American College Theatre Festival, TAMU – Commerce, Texas, Southern University, New Orleans, Louisiana.

Gross, Roger – Participated in three-day training workshop at the Screenwriter’s Expo, Los Angeles, November, 2002.

Gross, Roger -- Author/Translator, LYSISTRATA by Aristophanes, presented by Omni Center For Peace, Justice, and Ecology, Fayetteville, March, 2003

Gross, Roger – Adapted a Chumash Indian legend into a performance piece presented at The Jason Project National Convention, Channel Islands, California, November, 2002.

Gross, Roger – Actor, In The Garden of Live Flowers by Attilio Favorina and Lynne Conner, Produced for Association for Theatre in Higher Education, San Diego, and July, 2002.

Gross, Roger – Chaired award ceremony to honor Attilio Favorini and Lynne Conner, winners Of the David Mark Cohen Award, San Diego, July, 2002.

Herzberg, Amy – Winner, “Spirit of A.C.T.F.” Award, Kennedy Center American College Theatre Festival, Washington, D.C., April, 2003.

Herzberg, Amy – Winner, “Master Acting Teacher” Award, Kennedy Center American College Theatre Festival, Washington, D.C., April, 2003.

Herzberg, Amy – Playwright, A Present Christmas Carol, Truman State University, December, 2002.

Martin, Patricia --Session Chair, Costume Design and Technology, U.S.I.T.T. National Conference, Minneapolis, Minnesota, March, 2003.

Martin, Patricia – Portfolio Presentation for Holly Payne, U.S.I.T.T. National Conference, Minneapolis, Minnesota, March, 2003.

Martin, Patricia – Costume Designer, Rumblefish, University of Tulsa Theatre, Fall, 2002.
Tyndall, C. Patrick – Panelist, “The Value of the Liberal Arts Education and Pursuing Doctoral Studies”, Wabash College, November, 2002

Tyndall, C. Patrick – Moderator, “A Critical Analysis of Adrienne Kennedy’s Funny house of A Negro”, National Association of African American Studies Conference, University Of Texas at Austin, February, 2003.

Tyndall, C. Patrick – Elected to serve as 2004 Conference Planner for Black Theatre Association, Association for Theatre in Higher Education.

Tyndall, C. Patrick – Co-Conference Planner for Black Theatre Association, 2003 National Conference, Association for Theatre in Higher Education.

Tyndall, C. Patrick – Elected to Board – Black Theatre Association’s National Board of Directors.

Tyndall, C. Patrick – Advisory Council Member, Arkansas A+ Schools, State Committee.

OTHER CREATIVE ENDEAVORS:

Brusstar, Terry. Produced Spring Concert, Fayetteville Dance Coalition. May 2003.

Brusstar, Terry. Choreographer, “Four Cantos”, Middle Eastern Studies Conference, University of Arkansas, April, 2003.

Dwyer, Mavourneen. Associate Editor, International Dialects Of English Archives, University of Kansas.

Dwyer, Mavourneen. Member of Phi Beta Delta, International Scholar’s Organization.

Dwyer, Mavourneen. Directed “Past Presidents of University of Arkansas” skit for Campaign for the Twenty-first Century Gala/Banquet, Fayetteville.

Gibbs, D. Andrew. Editorial Board, Southwest Theatre Association's Theatre Southwest.

Gibbs, D. Andrew. Walton Arts Center Council Interior renovation design committee.

Gibbs, D. Andrew. National Design Chair, Kennedy Center American College Theatre Festival 2000-2003.

Gibbs, D. Andrew. Theatre Design and Utilization, Lighting and Rigging Design, Bentonville High School Auditorium, Bentonville.

Gibbs, D. Andrew. Auditorium Renovation Plan, new lighting and rigging system designs, auditorium renovation, Cabe Theatre, Hendrix College, Conway, Arkansas.

Gibbs, D. Andrew. Planning and design of new school/community auditorium, Jasper, Arkansas.

Gibbs, D. Andrew. Consultation on design and renovation of lighting control booth for Ford’s Theatre, Washington, D.C.

Gorden, Chuck. Respondent for Playwriting: Region VI Kennedy Center American College Theatre Festival State Festivals.

Gross, Roger. Associate Editor, The Journal of Dramatic Theory and Criticism.

Gross, Roger. Board of Directors, International Conference of Women Playwrights.

Gross, Roger. Member of Awards Committee for Association for Theatre in Higher Education.

Gross, Roger. Chairman, David Mark Cohen Playwriting Award Program for A.T.H.E.

Gross, Roger. Photographer/Representative for Walton Arts Center, Jason Project International, Channel Islands, Santa Barbara, California, November, 2002.

Gross, Roger. Organizer/Actor, New Playwrights Performance Series, Fayetteville Public Library.

Gross, Roger. Director, George R. Kernodle New Playwriting Competition, underwritten by The University of Arkansas, Fayetteville.

Gross, Roger. Performer, First Night Celebration, Fayetteville, December 31, 2002.

Herzberg, Amy. Director, "Growing Up", Starr Theatre, Walton Arts Center.

Herzberg, Amy. Performer, Fayetteville Playwright's Circle.

Herzberg, Amy. Actress, "That's the Difference", by Jean Hedgecock, Fayetteville First Night.

Herzberg, Amy. Actress, New Playwright's Performance Series, Fayetteville Public Library.

Martin, Patricia. Make-up Artist/Costume Designer, "Past Presidents of the University Of Arkansas", Campaign for the Twenty-first Century Gala, Fayetteville.

Martin, Patricia. Costume Shop Annual Sale, raised \$1800.00 for equipment. University of Arkansas, Fayetteville.

Martin, Patricia. Costume Design Consultant, Arts Live! Fayetteville.

Riha, Michael. Scenic Coordinator, Campaign for the Twenty-first Century Gala.

Riha, Michael. Designed and painted three trade show booths for Wal-Mart Annual Shareholders Meeting, Fayetteville, June, 2003

Riha, Michael. Lighting and decoration coordinator for the General and Fulbright College of Arts and Sciences Commencement Ceremonies at Bud Walton Arena.

Tyndall, C. Patrick. Performer, Fulbright College Multi-Cultural Conference, November, 2002

Tyndall, C. Patrick. Performer, Faculty-in-Residence Performance Series, 2003.

Tyndall, C. Patrick. Performer, Sunday Showcase, University of Arkansas.

PLAY PRODUCTION AT UA/FAYETTEVILLE:

Brusstar, Terry – Choreographer and stylist, “The Winter’s Tale”, Univ. Theatre, Nov. 2002.

Dwyer, Mavourneen -- Voice Coach, “A Streetcar Named Desire”, UT, September, 2002.

Dwyer, Mavourneen – Director and Voice Coach, “The Winter’s Tale”, UT, November, 2002.

Dwyer, Mavourneen -- Voice Coach, “Private Lives”, UT, January, 2003.

Dwyer, Mavourneen – Voice Coach, “The Laramie Project”, UT, March, 2003.

Dwyer, Mavourneen -- Voice Coach, “Tommy”, UT, April, 2003.

Gibbs, D. Andrew -- Lighting design, “Lucky Stiff”, Boar’s Head Players, July, 2002.

Gibbs, D. Andrew -- Lighting design, “A Streetcar Named Desire”, UT, September, 2002.

Gorden, Chuck -- Director, “Lucky Stiff”, Boar’s Head Players, July, 2002.

Gorden, Chuck – Director, “A Streetcar Named Desire”, UT, September, 2002.

Gross, Roger – Director, “Being Fein”, Studio 404, October, 2002.

Gross, Roger – Director, “Tommy”, UT, April, 2003.

Herzberg, Amy -- Musical Director, “Lucky Stiff”, Boar’s Head Players, July, 2002.

Herzberg, Amy -- Director, “The Shape of Things”, Not-A-Penny Productions, Jan., 2003.

Herzberg, Amy – Musical Dir., “Smoke on the Mountain”, Boar’s Head Players, June, 2003.

Martin, Patricia -- Costume Design, “Private Lives”, UT, January, 2003.

Martin, Patricia -- Costume Design, “The Laramie Project”, March, 2003.

Martin, Patricia -- Costume Design, “Tommy”, UT, April, 2003.

Martin, Patricia -- Costume Design, “Smoke on the Mountain”, Boar’s Head Players, June, 2003

Riha, Michael – Scene Design, “Lucky Stiff”, Boar’s Head Players, July, 2002.

Riha, Michael – Scene Design, “A Streetcar Named Desire”, UT, September, 2002.

Tyndall, C. Patrick – Playwright, “The Black(s) and White(s) of Race”, Not-A-Penny Productions, February, 2003.

English

BOOKS:

BOOKER, M. KEITH. *Strange TV: Innovative Television Series from the Twilight Zone to the X-files*. Westport, CT: Greenwood, 2002.

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COHEN, DEBRA RAE. *Remapping the Home Front: Locating Citizenship in British Women's Great War Fiction*. Boston: Northeastern University Press, 2002.

GILCHRIST, ELLEN. *I, Rhoda Manning, Go Hunting With My Daddy, and Other Stories*. Boston: Little Brown and Company, 2002. Nominated for the Pulitzer Prize for Literature by the publisher.

GILCHRIST, ELLEN. *In The Land of Dreamy Dreams*. Baton Rouge: Louisiana State University Press, 2002.

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JIMOH, A YEMISI. *Spiritual, Blues, and Jazz People in African American Fiction: Living in Paradox*. Knoxville: University of Tennessee Press, 2002.

KAHF, MOHJA. *Emails from Scheherazad*. Gainesville: University Press of Florida, April 2003.

WILLIAMS, MILLER. *The Lives of Kelvin Fletcher - Stories Mostly Short*. Athens: University of Georgia Press, 2002.

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BOOKER, KEITH M.. "Postmodern and/or Postcolonial? The Politics of *At Swim-Two-Birds*." A Casebook on Flann O'Brien's *At Swim-Two-Birds*. Ed. Tom Foster. On-line document published by Dalkey Archive Press. Available at <http://www.centerforbookculture.org>.

BOOKER, KEITH M. "Thomas Mofolo, Chaka." *Il Romazo: Storia e Geografia*. Ed. Franco Moretti. Milan: Giulio Einaudi, 2002. 601-7. In Italian.

- BURRIS, SIDNEY. "Loneliness." *The Georgia Review*. 46.3 , Fall, 2002: 757-66.
- BURRIS, SIDNEY. "Terra Infirma." *Five Points* 6.2, 2002: 13-23.
- BURRIS, SIDNEY. "The Death of John Keats." *Five Points* 6.3, 2002: 67-78.
- BURRIS, SIDNEY. "Mr. Huger's Dictionary." *The Georgia Review*, 46.2, Summer 2002: 502-15.
- BURRIS, SIDNEY. "Mega-Processors, Advanced Peripherals, and Robert Penn Warren's Audubon." *Studies in the Literary Imagination*: 35.1, Spring 2002: 137-162.
- CANDIDO, JOSEPH. "Teaching Texture in Jonson's *The Alchemist*." *Approaches to Teaching English Renaissance Drama*, Eds. Alexander Leggatt and Karen Bamford. New York: The Modern Language Association of America, 2002. 51-58.
- CANDIDO, JOSEPH. "Henry V's Non Nobis." *Notes and Queries*, new series, 50, 1(March 2003), 42-43.
- COCHRAN, ROBERT. "Review of *Blood In Their Eyes* by Grif Stockley," *Arkansas Historical Quarterly*, LXI, Summer, 2002: 204-207.
- GILCHRIST, ELLEN. "Message in a Bottle, Life Lessons." *Real Simple Magazine*, February, 2002.
- GILCHRIST, ELLEN. "Dancing Across the Waves." *The Washington Post Magazine* (part of a Sunday Newspaper), March 9, 2003.
- GILCHRIST, ELLEN. "Meetings With Remarkable Minds." *O Magazine*, August, 2002.
- GILCHRIST, ELLEN. "Being Wooed." *Harper's Bazaar Magazine*, September, 2002.
- GILCHRIST, ELLEN. "Sunday." included in an anthology about New Orleans called *French Quarter Stories*, New Orleans: Clark Press February, 2003.
- GILCHRIST, ELLEN. "Paris." included in *Americans in Paris*, An anthology published by Capra Press and edited by Steven Gilbar.
- GILES, MOLLY. "Semelles Du Plomb." French edition of *Iron Shoes*, Fall, 2002.
- GILES, MOLLY. "Protest." *Blue Mesa Review*, Spring 2002.
- GILES, MOLLY. "Southern Take Out." *Santa Monica Review*, Spring 2002.
- GILES, MOLLY. "Two Words." *Missouri Review*, Summer 2002.

- GILES, MOLLY. "Sloan's Girl." *Sierra Songs & Descants*, Hip Pocket Press, Summer 2002.
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- HAYS, DONALD. "Dying Light." *The Southern Review*, Summer, 2002. 572-86.
- HEFFERNAN, MICHAEL. "The Annals of Crime." *Crazyhorse*, 61, Winter, 2002: 44-45.
- HEFFERNAN, MICHAEL. "Consolation." *Crazyhorse*, 61, Winter, 2002: p. 43.
- HEFFERNAN, MICHAEL. "Entrance." *Willow Springs*, 50, June 2002: p. 40-41.
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- HEFFERNAN, MICHAEL. "Idaho Light." *Margie: The American Journal of Poetry*, 1, 2002: p. 119.
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- HEFFERNAN, MICHAEL. "Augury." *Arkansas Literary Forum*, 4, 2002: online.
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- MACRAE, SUZANNE. "Oral Narrative and Cinematic Point of View in Fary l'Anesse." *Continental North-South and Diaspora Connections and Linkages*. Eds. Edris Makword, Mark Lilleliht, and Ahmed Saber. Trenton: Africa World Press. 2002.
- MARREN, SUSAN. "James Weldon Johnson's *The Autobiography of an Ex-Coloured Man*." in *The Explicator*, Spring 2002: 147-49.
- SHERMAN, SANDRA. "Advertisements for Myself: William Ellis and the Reinvention of the Puff." *Prose Studies* 24.2 (2001), 65-86. NOTE: This journal is a year behind—the article was actually published in 2002.
- SHERMAN, SANDRA. "Replanting Eden: John Evelyn and his Gardens." *Endeavour* 26.3 (2002), 113-17.
- SHERMAN, SANDRA. "The Politics of Taste in *The Jewish Manual*." *Petits Propose Culinaires* 71 (2002), 62-84

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SLATTERY, PATRICK. "The Argumentative, Multiple-Source Paper: College Students Reading, Thinking, and Writing about Diverse Points of View." *Journal of Teaching Writing* 10(Fall/Winter 1991): 181-199. Reprinted in *Teaching Argument in the Composition Course*. Ed. Timothy Barnett. New York: Bedford/St. Martin's, 2002.

WILKIE, BRIAN. Reprint of "Jane Austen: Amor and Amoralism." Jane Austen. ed. Harold Bloom, in *Bloom's Bio-Critiques* series Philadelphia: Chelsea House Publishers, 2002. 71-98.

WILKIE, BRIAN. "Review of Feeding on Infinity: Readings in the Romantic Rhetoric of Internalization by Joshua Wilner." *Modern Language Review*, 97, 2002: 938-39.

LECTURES AND READINGS:

ADAMS, RICHARD C. "Mark Twain' Sovereign Sign," English Department Colloquim, October, 2002.

BRINKMEYER, ROBERT. "Major Trends in Southern Writing", February 2003, University of Santiago de Compostela, Spain.

BRINKMEYER, ROBERT. "Regionalism and Southern Identity," November 2002, University of Helsinki, Finland.

BRINKMEYER, ROBERT. "European Totalitarianism and Southern Writers," November, 2002, University of Turku, Finland.

BRINKMEYER, ROBERT. "Los Angeles and Contemporary Southern Writing," Southern Studies Fourum, Columbia, S.C. , October 2002.

BURRIS, SIDNEY. "Agrarianism, Harry Crews, and the Establishment of the Poor White Identity," American Studies Association, Houston, TX, November 15, 2002.

CLARK, KAREN LENTZ. "Writing for Godot: Waiting for a Voice," College English Association. April 5, 2003.

GILCHRIST, ELLEN. Reading at a party to launch an anthology called French Quarter Stories, in New Orleans. February, 2003.

GILCHRIST, ELLEN. Reading Talk, Southwest Missouri State University. October 11, 2002.

GILCHRIST, ELLEN. Book signing and reading, Barnes and Noble, Fayetteville, Arkansas. September 19, 2002.

GILCHRIST, ELLEN. Book signing, Lemuria Books, Jackson, Mississippi. December 18, 2002.

Foreign Languages

BOOKS:

Bell, Stephen *Culture and Customs of Mexico*, 340 ms. pp. Greenwood Press, 2003, Co-author with P. Standich;

Fredrick, David *The Roman Gaze: Vision, Power and the Body*, ed. David Fredrick Johns Hopkins University Press, 2002, 334 pages

Pritchett, Kay *Nature's Colloquy with the Word: Pureza Canelo's First Poetics*. Bucknell University Press, 330 MS pp

CHAPTERS:

Fredrick, David Introduction: "Invisible Rome," *The Roman Gaze: Vision Power and the Body*, ed. D. Fredrick, Johns Hopkins University Press, 2002, pp. 1-30;

Mapping Penetrability in Late Republican and Early Imperial Rome, in *The Roman Gaze: Vision, Power, and the Body*, ed. D. Fredrick, Johns Hopkins University Press, 2002, pp. 236-64;

Reading Broken Skin: Violence in Roman Elegy, to be reprinted in a collection, *Latin Erotic Elegy: The Anthology*, ed. P.A. Miller, Routledge, 2003;

Architecture and Surveillance in Flavian Rome, in *Flavian Rome: Culture, Image, Text*, eds. A.J. Boyle and W. Dominik, E.J. Brill, 2002. pp. 199-227

Hanlin, Todd *Morality and Ambiguity: Felix Hochwalder's Der Befehl*, "in *Post-War Austrian Theater: Text and Performance*, eds. Linda C. DeMeritt and Margarete Lamb-Faffelberger. Riverside, CA: Ariadne Press, 2002, 54-70;

Restrepo, Luis *La estetica de la violencia en la epica colonia Concepciones de la conquista*. Felipe Castaeda y Mathias Vollet, eds. Bogot: Universidad de los andes, 2001. 203-220

ARTICLES:

Arenberg, Nancy *Resurrecting Desire: Wine and Dramatic Imitation in Marguerite Duras' Moderato Cantabile* in *Dalhousie French Studies*, 2003;
Mirrors, Cross-Dressing and Narcissism in the Abb de Choisy's Histoire de Madame la Comtesse des Barres. (24 manuscript pages) *Cahiers du dix-septime sicle*. Forthcoming, 2003

Condray, Kathleen, " 'Heute ist eine Frau uberall uberflssig': Working Women in the Text of Women Writers of the Journal *Jugend* during the Weimar Republic and Third Reich." In: *The Marketing of Eros: Performance, Sexuality, Consumer Culture*. Ed. Peter Schulman and Frederick A. Lubich. Essen: Die blaue Eule, 2003. 123-35

Comfort, Kathy "Folkloric Resonances in Jean Giono's *Un Roi sans divertissement*" by *Dalhousie French Studies* forthcoming, 2004

Cornell, Rkia "Rabi a al-Adawiyya" for section on "Arabic Literary Culture, Michael Cooperson and Shawkat Toorawa ed., *Dictionay of Literary Biography*; "Rabia of Basra" *Encyclopedia of Islam and the Muslim World*; "a;-Harith al-Muhasibi" *Encyclopedia of Islam and the Muslim World*; "Zuhd" *Encyclopedia of Islam and Mthe Muslim World*, Fall 2002

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Fukushima, Tatsuya Promotional video production in a foreign language course. Foreign Language Annals, 36, 3, 349-355. (national; official journal for the American Council for the Teaching of Foreign Languages [ACRFL]);

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Haydar, Adnan Lebanese Zajal Poetry: A Descriptive Analysis of Hida, Nadb, and Hawrabah article solicited by Edebiyat

Jones, Linda Supporting Listening Comprehension and Vocabulary Acquisition in French with Multimedia Annotations, Modern Language Journal, December 2002. Co-written with Dr. Jan Plassn NYU; Using Technology in Language Teaching and Listening Comprehension: Revisiting what Teacher's Should Know and Do, International Association for Language Learning Technology (IALLT), Winter 2002, vol 34 (2)

Levine, Daviel Sophocles' Philoctetes and Odyssey 9: Odysseus vs the Camve Man, Scholia:Studies Classical Anitquity (41 pages typescript)

INVITED LECTURES:

Cornell, Rkia Emerging Perspectives On American Islam: Indigenous Scholars Colloquium, Council on Islamic Education, Newport Beach, CA, December 2002

Davis, James L'enseignement des langues etrangeres avec supports Internet: Une etude de cas, LAIRDIL, Universite de Toulouse, France

Hanlin, Todd "Fritz Hochwalder und sein Holocaust-Stuck." At the international symposium on Exile and Aftermath: The Works of Exiled Austrian Writers after 1945, Cologne, Germany, June 2002

Ricker, Judith Panelist, German Studies Association, San Diego, CA, Oct. 2002

Summers, Jason Twentieth-Century Mexican and Chicano History and Literature. Arkansas International Center, Mexico Program for Secondary Teachers and Administrators University of Arkansas, May 2002

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Arenberg, Nancy Reflections on the Aging body in Saint-Evremond's and Ninon de Lenclos' Correspondence. Epistolary Rhetoric in the French Ancien Regime: From Theory to Practice. International conference. University of Manitoba, April, 2003

Bell, Steven X Jornadas Metropolitanas de Estudios Culturales, Mexico City, July 2002

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Condray, Kathleen *The Rules of the Game: Ethical Tyranny in Jan Peter Bremer's Der Fürst spricht* as part of the panel discussion *Ethics and Social Criticism – German Fiction and Non-Fiction: Kaschnitz, Grass, Bremer* at German Studies Association Conference in San Diego, October 2002; "TraiNDaF: Finding and Developing New Leadership" American Council of the Teachers of Foreign Languages Conference, Salt Lake City, November 2002

Cornell, Rkia *Atheology of Servitude: Sufi Women's Spirituality*, at the Women's Studies Program, McNeese State University, Louisiana, Nov. 2002; *Women, Spirituality and Islam*, at 6th Annual Women's Retreat, Dar al-Islam Institute, Abiquiu, NM, September 2002;

Competing Approaches to Teaching Arabic: How Do We Define Proficiency? At Universities of Arkansas and St. Petersburg: MEST/Oriental Studies Summer Workshop: Middle East Studies in Russia and USA, " St. Petersburg State University, St. Petersburg, Russia, June 2002;

Empowering Women Through Expanding Dialogue, at the Interfaith Forum, The Ozark Research Institute, Fayetteville, AR, February 2002;

Rabia and the poem of the Two Loves, UA Arabic Lecture Series, February 2002

Cory, Mark *On the Impossibility of Behaving Well: Ethical Challenges fo the Post-War Generation in the Prose of Bernhard Schlink*, presented to annual conference of the German Studies Association, October 2002

Eichmann, Raymond *Fabliaux and Drama. "The Case of the 3 Ladies from Paris."* Presented at the 24th Annual Meeting of Medieval Forum, April 2003;

Fredrick, David *Grasping the Pangolin: Sensuous Ambiguity in Roman Dining*, Annual meeting of the American Philological Association, Philadelphia, PA, January 2002;

Haydar, Adnan *Ataba and Mijana in Lebanese Zajal Poetry: A Study of Genre, Meter and Music*, *Kalimat*, Number 11, September 2002, pp. 30-44;

Translation of Mahmoud Darwish's "A Moment of Silence for Gaza," from *Memoirs of Everyday Sorrow*, *Kalimat*, Number 9, 2002, pp.8-10

Jones, Linda Integrating Culture and Teaching Through Travel Abroad: A New Model American Council of the Teaching of Foreign Languages (ACTFL) National Conference, November 2002. Co-presented with Dr. Joan Turner, University of Arkansas. (Refereed);
Spring Training! Preparing Current L2 Educators to Teach Effectively With Technology. A model for good teamwork! American Council of the Teaching of Foreign Languages (ACTFL) National Conference, November 2002;

Testing Second Language Listening Comprehension in a Multimedia Environment Using Visual and Verbal Modes for Test Items, at the American Educational Research Association Conference (AERA), April 2003;
Multimedia Annotations in a Listening Comprehension Environment: An Investigation of Students' Amount of Invested Mental Effort" at the World Computer Assisted Language Learning Conference, May 2003

Levine, Daniel The Bare Feet Speak: Nonverbal Messages of Barefootedness, Joint Panel: American Philological Association/Archaeological Institute of America, Philadelphia, PA, January 2002;

Conference Presentation: Greek Astronomy, Greek Mythology and the Constellations;
Planetarium Presentation: Arkansas Conference on Teaching, Little Rock, AR;

Living Latin. Presented with L. K. Day and T. Nguyen at Arkansas Foreign Language Teachers Association meeting in Conway, AR, April 2003

Pritchett, Kay A Century of Symbolism: From Rimas (1871) to Celda verde (1971). Presented at the Kentucky Foreign Language Conference, April 2003;

Antonio Colians's Mediterranean: Is It a Place or Just a Memory?
Presented at the Tunisia Conference on Mediterranean: Place and Memory, May 2003

Restrepo, Luis "Los muisca y la modernidad" Latin American Studies Association (LASA) International Congress. Dallas, Texas, March 2003;

Memory in the Age of Digital Reproduction Modern Languages Association International Convention. New York, December 2002;

Narrating Insurgency. Early Ibero/Anglo Americanist Summit. Tucson, Arizona. May 2002;
La rebelión de las alpujarras en 1568 y la colonización de las Américas. Convivencia and Lost Paradises. Al Akhawayn University. Ifrane, Morocco. May 2002

Rozier, Louise Paola Masino; Il surrealismo magioc e la componente grottesca in "Nascita e morte di della massaia. Carolina Conference on Romance Languages and Literatures. University of North Carolina at Chapel Hill, 2002

Ruiz, Reina La mujer en el Barroco: escritura, linaje y rancio abolengo. AEEA National Conference in Portland, OR, September 2002;

Bajarse al moro: Lost Paradises or Encountered Hells? Convivencia and Lost Paradises. Visions of al-Andalus in Spanish Language & Islamic Literatures. Al-Akhawayn University, Ifrane, Morocco International Conference, May 2002;

Feliciana Enríquez de Guzmán: Entreactos monstruosos. Paper presentation at national meeting on Spanish classical theater at El Paso, TX, March 2003

Summers, Jason Juan Luis Guerra desde la crítica social al amor romántico: para una visión nueva de su música, IV Conference of the Latin American Branch of the International Association for the Study of Popular Music, National Center for the Arts (CENART), Mexico City, April 2002

Al-Andalus as Cultural Mirror of Modern Spain: Reflection and Criticism in Goytisolo and Gala, Convivencia and Lost Paradises: Visions of Al-Andalus in Spanish-Language and Islamic Literatures Conference, Al-Akhawayn University, Ifrane, Morocco, May 2002

Turner, Joan Twin Challenges: Identified and Unidentified Learning Disabled Students in the Language Classroom, Central States Conference of Foreign Language Teachers in Minneapolis, May 2003;

Culture in Context: The Contemporary Latin American Short Story, American Council on the Teaching of Foreign Languages, Salt Lake City, Utah, November 2002 (with Glynis Cowell);

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George Sand and Autobiography. University of Oxford, 1999. In
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Amsterdam/Atlanta: Rodopi, 1999. In French Review, 2002. 602:03;

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Twentieth-Century Europe. Chapel Hill: University of North Carolina UP, 1999. In French
Review 2002;

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Haavik, Kristof H. In Mortal Combat. The Conflict of Life and Death in Zola's Rougon-Macquart. Birmingham: Summa Publications, Inc., 2000. In French Review, April, 2003;

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Eichmann, Raymond Julius W. Friend's. Unequal Partners. French-German Relation's, 1989-2000. Foreword Simon Serfaty. (The Washington Papers, no. 180). New York: Praeger, 2001 Pp. Xv. 132, in German Studies Review, October 2002. vol.25, no.3, pp.666-667

Fredrick, David Gunderson, Eric. Staging Masculinity: The Rhetoric of Performance in the Roman World, in Journal of Roman Studies, 2002, pp. 206-207

Hanlin, Todd Ingo R. Stoehr, German Literature of the Twentieth Century: From Aestheticism to Postmodernism, for the Journal of English and Germanic Philology;

Charlotte E. Aske. Gerold Späth und die Rapperswiler Texte, for German Studies Review

Jones, Linda A Review of the Software Application, Musical Spanish to CALICO Journal, August 2002

Levine, Daniel Barbara Graziosi's Inventing Homer: the Early Reception of Epic, Cambridge 2002, for Religious Studies Review

Restrepo, Luis Nicolopolus, James. The Poetics of Empire in the Indies (2000).Sixteenth Century Journal 33.2 2002, 557-8;

Rodriguez, Eleana, ed. The Latin American Studies Subaltern Studies Reader (2001). Forthcoming in Dispositio/n, Spring 2003;

Fiddian, Robin, ed. Postcolonial Perspectives on the Cultures of Latin America and Lusophone Africa (2000). Forthcoming in Modern Language Notes (MLN), Spring 2003;

Cortínez, Verónica. Memoria original de Bernal Diaz del Castillo (2000). Forthcoming in Bulletin of Spanish Studies, 2003

Ricker, Judith Book Review Editor of international journal German Studies Review. Published three journal issues: February, 2002, May 2002, October 2002. Total number of review processed and published: 200 plus. Total number of pages published: ca. 250 plus

Summers, Jason Textbook review for McGraw-Hill Spanish civilization textbook: España en su cultura. May 2002

Tucker, Janet Joseph Frank, Dostoevsky: The Miraculous Years, 1865-1871. The European Legacy;

Louise McReynolda and Joan Neuberger, eds. Imitations of Life: Two Centuries of Melodrama in Russia, The Russian Review;

“Tat’iana Tolstaya,” Den’, Noch’,” World Literature Today;

GRANTS:

Condrary, Kathleen Contributions of Women Writers to the German Journal Jugend during the Weimar Republic and Third Reich;

Fulbright German Summer Studies Seminar: International Migration and National Identities held June8-28 in Berlin, Leipzig, and Cologne);

TraiNDaF: Finding and Developing New Leadership American Council of the Teachers of Foreign Languages Conference, Salt Lake City, November 2002

Jones, Linda RIF Grant with Dr. Joan Turner to seek funding to examine teachers’ use of technology in the state. Project funded will go towards the development of presentations and articles on the given topic;

Virtual Study Abroad, Nadine Baum Grant with Dr. Kay Pritchett to promote communication between on-campus students and students involved in Study Abroad. Worked with students who went to Chicoutimi and Puebla during the summer;

Teaching Innovation Grant to support funding for a trip to World Call Conference to learn more about language teaching and technology;

Pritchett, Kay Virtual Study Abroad, Nadine Baum Grant with Dr. Linda Jones to promote communication between on-campus students and students involved in Study Abroad. Worked with students who went to Chicoutimi and Puebla during the summer

Restrepo, Luis UA Research Incentive Grant: Andean Traditions and National Discourses: Visual and Literary Representation of Muisca Culture in 19th Century Colombia;

“Muisca Nature and the Limits of Western Epistemology according to the Annual Letters of the Jesuits of the New Kingdom of Granada” Andrew W. Mellon Fellowship Program, Saint Louis University Vatican Film Library, Archival Research March 2003;

Baum Teaching Grant

Ruiz, Reina Summer Research Stipend: “Monstruos, mujer y teatro en el Barroco: Feliciano Enriquez de Guzmán, primera dramaturga española (Monsters, Women and Theatre in the Baroque: Feliciano Enriquez de Guzmán, First Spanish Female Playwright)” University of Arkansas, Fulbright College of Arts and Sciences

Turner, Janet UA Research Incentive Grant “A Proposal to Examine the Attitudes of Arkansas Foreign Language teachers toward Teacher Enhancement and Study Abroad Opportunities”

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BOOK CHAPTERS:

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- Czarnecki, J., P.D. Hays, and P.W. McKee, 2002, The Mississippi River Valley Alluvial Aquifer in Arkansas: A sustainable resource?: U.S. Geological Survey Fact Sheet FS-041-02, 4 p.
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Druckenbrod, D.L., M.E. Mann, D.W. Stahle, M.K. Cleaveland, M.D. Therrell, and H.H. Shugart, 2003. Late-eighteenth century precipitation reconstructions from James Madison's Montpelier Plantation. *Bulletin of the American Meteorological Society* 84:57-71.

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Therrell, M.D., D.W. Stahle, M.K. Cleaveland, and J. Villanueva-Diaz, 2002. Warm season tree growth and precipitation over Mexico. *Journal of Geophysical Research* 107(D14):ACL 6-1 to 6-8.

Villanueva-Diaz, J., D.W. Stahle, M.D. Therrell, F. Camacho Morfin, P. Nunez Diaz, J.A. Ramirez Garcia, 2002. Registros climaticos de los ahuehuetes de Chapultepec en los ultimos cuatro siglos. *Boletin Historico del Agua* (submitted).

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Neely, D.G. and Boss, S.K., 2003, Bathymetry and sediment thickness of Carol Ann Cross Lake, Sebastian County, Arkansas: June 2003.

Dixon, J.C., Thorn, C.E., and Darmody, R.G. 2002. Late Quaternary landscape evolution the northern Caledonide Mountains of Swedish Lapland. *EOS Transactions AGU*, 89, Fall Meeting Supplement. Abstract H11G-10.

Thorn, C.E., Darmody, R.G., and Dixon, J.C. 2003. A glacial-periglacial landscape: A conceptual framework with illustrations from Swedish Lapland. Cryospheric Systems Abstract Volume. British Geomorphological Research Group Joint Association for Quaternary Research. p. 18

Phillip D. Hays, 2002, The effect of ground-water levels on stream-bank stability--The Sugar Creek Geomorphic Study: USDA, Natural Resources Conservation Service, National Water Management Center Report 02-04, 16 p.

Paradise, T.R. 2002, "Architectural Decay and Petra: Implications for World Heritage Sites and Visitor Carrying Capacities", Ten Year Report to the Petra National Trust (PNT), (Board Chair, Her Royal Highness Queen Noor and Executive Director Aysar Akrawi)

Steele, K.F., Marc Nelson, Ryan Polite, H.D. Scott, and Charles Armstrong, 2002, Pesticide Ground Water Monitoring Project, Phase VIII, Arkansas Water Resources Center, MSC-303, University of Arkansas, Fayetteville, AR 72701, 14 pp plus appendices.

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Boss, S.K., 2003, Bay mouth bars, loop bars, and recurved spits in Yellowstone Lake: Earth's highest elevation "coastal" landforms: Geological Society of America Annual Meeting Abstracts with Programs, v.35.

Boss, S.K., 2003, Environmental Dynamics: A multi-disciplinary doctoral program to study human interactions in the Earth System: Annual Conference of the Western Association of Resource Recreation Professionals (WARRP), Sun Valley, ID, October 9-12, 2003.

Boss, S.K., Beller, C., Hehr, L., and Hehr, J.G., 2003, NOVA Chautauqua: Reviving a model of personal and professional development for 2-year and 4-year college faculty: Geological Society of America Annual Meeting Abstracts with Programs, v.35.

Boss, S.K., Beller, C., Hehr, L., and Hehr, J.G., 2003, NOVA Chautauqua: Introducing a novel university-community college collaboration: NASA NOVA Leadership Development Conference (Oral presentation), Clear Lake, TX, February 2003.

Boss, S.K., Beller, C., Hehr, L., and Hehr, J.G., 2003, Earth System Science for Middle-Level Science Teachers 2003 Update: NASA NOVA Leadership Development Conference (Poster), Clear Lake, TX, February 2003.

Boss, S.K., Neely, D.G., and Hoelscher, J.E., 2003, Acoustic imaging of submerged topography and mass wasting features in Beaver Lake, northwest Arkansas: Arkansas Water Resources Center Annual Conference, 22-23 April 2003, Fayetteville, AR.

- Neely, D.G. and Boss, S.K., 2003, Acoustic imaging of submerged topography, mass wasting features, and submerged cultural resources in Beaver lake, northwest Arkansas: Geological Society of America Annual Meeting Abstracts with Programs, v.35.
- Neely, D.G. and Boss, S.K., 2003, Acoustic imaging of submerged topography and mass wasting features in Beaver Lake, northwest Arkansas: Arkansas Academy of Sciences 87th Annual Meeting, 4-5 April 2003, Fayetteville, AR.
- Polly, A.M. and Boss, S.K., 2003, Acoustic mapping of sediment and aquatic vegetation in lakes: An example from northwest Arkansas: Arkansas Academy of Sciences 87th Annual Meeting, 4-5 April 2003, Fayetteville, AR.
- Boss, S.K., and Beller, C., Hehr, L., and Hehr, J.G., 2002, An online Earth System Science course for all students: Geological Society of America Annual Meeting Abstracts with Programs, v.34.
- Odhiambo, B.K., and Boss, S.K., 2002, Comparative limnologic evolution of Lee Creek Reservoir and Lake Shepherd Springs, Crawford County, Arkansas: Geological Society of America Annual Meeting Abstracts with Programs, v.34.
- Steele, K.F., Kresse, T., Davis, R., and Boss, S.K., 2003, How uniform is the ground water chemistry of the alluvial aquifer?: Arkansas Water Resources Center Annual Conference, 22-23 April 2003, Fayetteville, AR.
- Fiona M. Davidson (2002) "A State of Change –Political Fortunes in Scotland 1974-2001" Association of American Geographers Annual Conference, March 19th - 23rd 2002, Los Angeles, CA
- Fiona M. Davidson (2002) "European Nationalisms in the Post Cold War world" Panel on European Nationalism: Association of American Geographers Annual Conference, March 19th - 23rd 2002, Los Angeles, CA
- Dixon, J.C., Thorn, C.E., and Darmody, R.G. 2002. Late Quaternary landscape evolution in the northern Caledonide Mountains of Swedish Lapland. Annual meeting, American Geophysical Union, San Francisco, December 6-10
- Guccione, M.J., 2003, Approaches to and status of paleoseismology from an intraplate seismic zone within a large alluvial valley, the New Madrid seismic zone of the central United States, International Quaternary Association, Reno, Nevada.
- FitzGerald, D. and Guccione, M.J., 2003, Lake Monroe, Possible fluvial response of the Ouachita River to Pleistocene Arkansas River aggradation, International Quaternary Association, Reno Nevada.
- Guccione, M.J. and Marple, R., 2002, Bootheel lineament, the surface rupture of the New Madrid seismic zone, 2002, American Geophysical Union, San Francisco.

- Hays, P.D., Guccione, M.J., Doerr, E. 2002, Use of an alluvial sediment allochthonous carbon isotope climate proxy for reconstructing late Holocene Mississippi River basin climate, Geological Society of America national meeting, Denver, CO.
- Doerr, E., and Guccione, M.J., 2002, Tributary response to late Wisconsin paleowater levels in the northern Mississippi alluvial valley of Missouri and Arkansas, Geological Society of America national meeting, Denver, CO
- Guccione, M.J. and Marple, R., 2002, Bootheel lineament, the elusive surface rupture of the New Madrid seismic zone, Environmental Catastrophes and Recovery in the Holocene, Brunel University, west London, UK
- Guccione, M.J., 2002, Tectonic setting and Quaternary history of the Mississippi Alluvial Valley and Stream response to repeated coismic folding along the New Madrid seismic zone, Consiglio Nazionale delle Ricerche, Istituto di Geoscienze e Georisorse and Universta degli studi di Firenze, Dipartimento di Scienze della terra, invited speaker .
- Phillip D. Hays, Margaret Guccione, Erica Doerr, 2002, Use of an alluvial sediment allochthonous carbon isotope climate proxy for reconstructing late Holocene Mississippi River basin climate: Abstracts with Proceedings Volume, Geological Society of America National Meeting, p. 214.
- O'Neill, B.R., Alakkam, A.A., Hays, P.D. and Manger, W.L., 2002, Petrography of Jurassic Belemnoid Rostra, Utah, United States: Insights into Rostrum Secretion. Berliner Paläobiologische Abhandlungen, v. 1, p. 89.
- O'Neill, B.R., Manger, W.L., and Hays, P.D., 2002, Growth of Jurassic Belemnoid Rostra from Northeastern Utah: Insights Using Cathodoluminescence. Abstracts with programs, Geological Society of America, annual meeting, v. 34, no. 6, p. 334.
- Phillip D. Hays, Current status of the Mississippi River Valley alluvial aquifer in Arkansas. Abstracts with programs, Arkansas State University 2002 Water Education Conference, p. 12. Invited Paper.
- Phillip D. Hays, Danny Goodwin, Vicky Drew, 2002, Partnerships and development of tools and approaches for assisting water management in the Pawcatuck watershed, Rhode Island: Arkansas Water Resources Center Annual Conference. Invited Paper.
- Jansma, P.E. and G.S. Mattioli, 2003, Diffuse extension across and active faulting within the Puerto Rico and northern Virgin Islands microplate: GPS geodetic results from 1994-2002 (INVITED), Seismo. Soc. America Annual Mtg., San Juan, PR
- Jansma, P. E. and G. S. Mattioli, 2003, Mixed-mode GPS network in Arkansas as a complementary tool to USArray in the central United States; NSF-Workshop on USArray in the central United States, Kansas State University, April 23-25, 2003.

Matson, S.E., Rodriguez, H., Jansma, P.E., and G. Mattioli, 2002, GPS geodesy in the northern Lesser Antilles: implications for arc kinematics and subduction zone dynamics, American Geophysical Union Annual Meeting, EOS Trans. (83) 47, Fall Meet. Suppl., T62B-1307.

Jansma, P.E., and G.S. Mattioli, 2002, Incorporating GPS geodetic data into the undergraduate classroom to improve data and information literacy, American Geophysical Union Annual Meeting, EOS Trans. (83) 47, Fall Meet. Suppl., ED11A-0032.

Turner, H.L., P. La Femina, A. Saballos, G.S. Mattioli, P.E. Jansma, T.H. Dixon, 2002, Forearc deformation in Nicaragua from GPS geodesy, American Geophysical Union Annual Meeting, EOS Trans. (83) 47, Fall Meet. Suppl., T62B-1305.

Mattioli, G.S., R. Herd, and P.E. Jansma, 2002, Modeling of surface deformation cycles at Soufriere Hills, Montserrat from October 1995 to December 2001, American Geophysical Union Annual Meeting, EOS Trans., (83) 47, Fall Meet. Suppl., T12A-1309.

Paradise, T.R. "Architectural Deterioration and Cultural Resource Management in Petra, Jordan" presented at the National Conference of UNESCO, ICOMOS and Resource Management in Rome, Italy (October 2003)

Paradise, T.R. Public school lectures on the Middle East, Disasters or Geography in NW Arkansas and Italy.

Acuna-Soto, R., D.W. Stahle, M.K. Cleaveland, and M.D. Therrell, 2002. Megadrought and megadeath in 16th century Mexico. *Emerging Infectious Diseases* 8(4):360-362.

Diaz, S.C., M.D. Therrell, D.W. Stahle, and M.K. Cleaveland, 2002. Chihuahua (Mexico) winter-spring precipitation reconstructed from tree-rings, 1647-1992. *Climate Research* 22:237-244.

Druckenbrod, D.L., M.E. Mann, D.W. Stahle, M.K. Cleaveland, M.D. Therrell, and H.H. Shugart, 2003. Late-eighteenth century precipitation reconstructions from James Madison's Montpelier Plantation. *Bulletin of the American Meteorological Society* 84:57-71.

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Therrell, M.D., D.W. Stahle, M.K. Cleaveland, and J. Villanueva-Diaz, 2002. Warm season tree growth and precipitation over Mexico. *Journal of Geophysical Research* 107(D14):ACL 6-1 to 6-8.

Steele, Kenneth F., Ralph K. Davis, J. Van Branana, Lyle Godfrey and Ginger Tatom, 2002, Research and regulatory water quality perspectives, Ozark Mountain Region, Arkansas, Ground Water/Surface Water Interaction, American Water Resources Association, July 2002, Keystone, Colorado (presented by Steele).

Steele, Kenneth F., T. Kresse, R. Davis and S. Boss, 2003, How uniform is the ground water chemistry of the alluvial aquifer, Arkansas Water Resources Center Annual Conference: Quality Water to Meet Our Competing Needs, April 22-23, Fayetteville, AR (presented by Steele)(INVITED).

History

BOOKS:

Alessandro Brogi, *A Question of Self Esteem: The United States and the Cold War Choice in France and Italy, 1944-1958* (Westport, CT: Praeger, 2002)

Joel Gordon, *Revolutionary Melodrama: Popular Film and Civic Identity in Nasser's Egypt* (Chicago Studies on the Middle East, 2002)

Daniel Sutherland, *This Terrible War: The Civil War and Its Aftermath* (New York: Longman, 2002)

Jeannie Wayne, *Arkansas: A Narrative History with Tom DeBlack, George Sabo, and Morris S. Arnold* (Fayetteville: University of Arkansas Press, 2002)

Randall Woods, *Vietnam and the American Political Tradition: The Politics of Dissent* (Cambridge: Cambridge University Press, 2003).

CHAPTERS:

Vincent Cornell, "Religion and Philosophy," chapter in *World Eras Volume 2: The Rise and Spread of Islam 622-1500*, Susan L. Douglass, ed. (Farmington hills, Michigan: The Gale Group/Manly Inc., 2002), pp. 324-399.

Vincent Cornell, "Identité religieuse et ambigüité culturelle dans une société islamique: les Anadalous et les \square ul_j au Maroc, 1492-1600," in *L'identité: choix ou combat?*

Richard Sonn, "Gender and Political Violence in Nineteenth Century France and Russia," *Proceedings of the Western society for French History, Volume 28*, 2002

Henry Tsai, "Eunuch Power in Imperial China," in Shaun Tougher, ed. *Eunuchs in Antiquity and Beyond* (Classical Press of Wales, Spring, 2002), pp. 221-233.

Henry Tsai, "The Independent Taiwan Monthly and the Taiwanese in America," in *Essays on Ethnic Chinese Abroad* (Academia Sinica, 2002): 281-292.

William Tucker, "Shi'ism," in Etan Kohlberg, ed. *Bayan b. Saman & Bayaniyya* (Variorum, 2003)

Elliott West, "'Squanto' and 'Quanah Parker,'" in Allen Weinstein and David Rubel, eds. *The Story of America* (New York: Agincourt Press, 2002): 50-51, 344-45.

Jeannie Whayne, "'I Have Been through Fire': Black Agricultural Extension Agents and the Politics of Negotiation," in R. Douglas Hurt, ed. *African American Life in the Rural South, 1900-1950*, (Columbia and London: University of Missouri Press, 2003): 152-188.

ARTICLES IN JOURNALS:

Alessandro Brogi, "Ike and Italy: The Eisenhower Administration and Italy's Neo-Atlanticist Agenda" in *Journal of Cold War Studies* (Summer, 2002)

David Chappell, "Religious Revivalism in the Civil Rights Movement," *African American Review* (Winter 2002)

Vincent Cornell, "A Muslim to Muslims: Reflections After September 11," *The South Atlantic Quarterly* 101:2, Spring 2002, pp. 325-336.

Joel Gordon, "Golden Boy turns Bete Noire: Crossing Boundaries of Unscripted Television in Egypt," *Journal of Middle East and North African Intellectual and Cultural Studies* 1 (1) 2001, 1-18.

Joel Gordon, "Singing the Pulse of the Egyptian-Arab Street: Shaaban Abd al-Rahim and the Geo-pop-politics of Fast Food," *Popular Music* 22 (1) 2003: 73-88.

Daniel Sutherland, "Guerrilla Warfare, Democracy, and the Fate of the Confederacy," *Journal of Southern History*, 68 (May 2002)

Elliott West, "Becoming a Mormon," *Journal of Mormon History* 28 (Spring 2002): 31-51.
Patrick Williams, "Suffrage Restriction in Post-Reconstruction Texas: Urban Politics and the Specter of the Commune," *Journal of southern History* 68 (February 2002): 31-64.

Elliott West, "Of Rutabagas and Redeemers: Rethinking the Texas Constitution of 1876," *Southwestern Historical Quarterly* 106 (October 2002): 231-253

NONREFEREED PUBLICATIONS:

David Chappell published "The Triumph of Conservatives in a Liberal Age," in Roy Rosenzweig & Jean-Cristophe Agnew *Blackwell Companion to Post-World War II America* (New York: Blackwell, 2002) and "Niebuhrisms and Myrdaleries: Intellectual Roots of the Second Reconstruction Reconsidered," in Ted Ownby, ed., *The Role of Ideas in the Civil Rights Era* (University Press of Mississippi, 2002). Many faculty also published books reviews: Chappell (4); Coon (4); Engels (1); Robinson (4); Schweiger (4); Sloan (3); Sutherland (7); West (so numerous he didn't count them as he was on leave and could not get to his data); Whayne (2); and Williams (1). Several faculty wrote book reviews which will soon be published: Chappell

(3); Gordon (4); Schweiger (1); Sloan (1); Sutherland (did not answer this question but almost certainly has a number of book reviews in progress); and Whyne (2)

INVITED LECTURES:

Six faculty presented twenty four invited lectures:
Brogi (1); Chappell (3); Gordon (2); Sutherland (3); West (14); Whyne (1)

LECTURES AND ORAL PRESENTATIONS:

Ten faculty presented twenty refereed papers at scholarly conferences: Brogi (2); Bukey (1); Coon (3); Cornell (3); Robinson (1); Schweiger (3); Sonn (3); Sutherland (1); Tsai (1); Whyne (2).

Journalism

BOOKS:

Jan Wicks - Contract obtained for the third edition of Media Management: A Casebook Approach with Erlbaum Publishers.

J. L. Wicks wrote three chapters, writing a new extended case and significantly revising two other chapters. Co-authors George Sylvie, C. Ann Hollifield, Stephen Lacy, and Ardyth B. Sohn Wicks wrote new extended case chapter-“The Case of Change at a Newspaper.” Significantly revised and wrote new cases for Chapter 6- “Media Regulation and Self-Regulation” Significantly revised and wrote new cases for Chapter 9-“Marketing and Research”

CHAPTERS:

None

REFEREED ARTICLES AND PRESENTATIONS:

Robert H. Wicks, Jan LeBlanc Wicks, Todd Shields, and Ron Warren, "Using Media Framing Theory to Study Islam and Terrorism: Theoretical and Methodological Issues." Presented to the Religion and Media Interest Group at the 2002 AEJMC Convention held in Miami, Florida in August 2002.

Hoyt Purvis presented the paper “U.S. Public Diplomacy and Information Policy After Sept. 11, 2001,” at the Southwestern Social Science Association and International Studies Association Meeting; San Antonio, Texas.

Phyllis Miller presented a paper on the Growth and Expanding Roles of the First Ladies’ Press Secretaries at the Hawaii International Conference on Arts and Humanities.

Louise Montgomery presented a paper on President George W. Bush and the U.S. media at the international Informing Science and Information Technology Educational Joint Conference in Finland.

NONREFEREEED PUBLICATIONS AND PRESENTATIONS:

None

INVITED LECTURES:

None

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Patsy Watkins participated in a panel discussion on the direction of journalism education sponsored by the Arkansas Associated Press Managing Editors at their annual convention in May 2003 (Fort Smith).

OTHER CREATIVE ENDEAVORS SUCH AS RECITALS, CONCERTS, SHOWS, PERFORMANCES, AND COMPARABLE ACTIVITIES:

As noted in Section 1b of this document:

Two video documentaries produced by Dale Carpenter and Larry Foley were distributed nationally by PBS. A third documentary, "The Forgotten Expedition," was premiered on AETN.

The National Educational Telecommunications Association requested that "Forgotten Expedition" be distributed nationally to public television.

"When Lightning Struck" broadcast nationally on PBS, January 31, 2001. Larry Foley and Dale Carpenter, producer/writer and videographer.

"Sound of Dreams" picked up by PBS for national distribution in 2002. Dale Carpenter, producer and videographer.

Mathematical Sciences

BOOKS:

Madison, B. (with Steen, Lynn Arthur (Editors), Quantitative Literacy: Why Numeracy Matters for Schools and Colleges, National Council on Education and the Disciplines, Princeton, NJ 2003.

Book Chapter: Cannon, Raymond J. and Madison, Bernard, "Testing with Technology: Lessons Learned," Chapter 17 (pg 305-328) of Computer Algebra Systems in Secondary School Mathematics Education (James Few, et. Al., editors), National Council of Teachers of Mathematics, Reston, VA 2003.

REFEREED ARTICLES:

Akeroyd, J., A note on the index of the shift, Proc. Amer. Math. Soc., Soc., 130 No. 11 (2002), 3349-3354.

Akeroyd, J., Note on Cyclic Vectors for the Shift, Complex Variables, Theory and Applications, Vol. 48, No. 3 (2003), 221-224 (with K. Alhami).

Capogna, L., Pointwise Schauder Estimates for Subelliptic Operators in Carnot Groups, Proceedings of the AMS-SIAM Mt. Holyoke Conference in Harmonic Analysis. American Mathematical Society 2003 (Ging Han)

Capogna, L., Regularity of Minimizers of the Calculus of Variations in Carnot Groups via Hypoellipticity of Systems of Hormander Type, Journal of the European Mathematical Society, (2003) 5, 1-40. (Joint with N. Garofalo).

DeOliveira, V “Bayesian Transformed Gaussian Random Field: A Review” (with K. Fokianos and B. Kedem) Japanese Journal of Applied statistics, 31 (3), 2002.

DeOliveira, V “Bayesian Hot Spot Detection in the Presence of a Spatial Trend: Application to Total Nitrogen Concentration in the Chesapeake Bay” (with M. Ecker) Environmetrics, 13, 2002, pp. 85-101.

Hogan, J., (with J.E. Gilbert and J.D. Lakey) “Operators of Cotlar Type with Unilateral Vanishing Moments”, Mathematics Research Report No., MRR 004-96, CMA, ANU, Canberra

Khavinson, D., “On a maximal number of zeros of certain harmonic polynomials”, (with G. Swiatek), Proc. Amer. Math Soc. 131 (2002), no. 2, 409-414.

Khavinson, D., “An inverse problem for the double layer potential, (with P.Ebenfelt and H.S.Shapiro), Computational Methods and Function Theory, Vol. 1 (2003) No. 2, 387-402.

Madison, B., “Mathematics at the School to College Transition: Too Much of the Same Thing,” commissioned article for The College Board. Published on www.APCentral.collegeboard.com.

Madison, B., “Articulation and Quantitative Literacy: A View from Inside Mathematics,” Quantitative Literacy: Why Numeracy Matters for Schools and Colleges, National Council on Education and the Disciplines, Princeton, NJ, 2003. pp. 153-164.

Madison, B., (Editor with Lynn Arthur Steen) Quantitative Literacy: Why Numeracy Matters for Schools and Colleges, National Council on Education and the Disciplines, Princeton, NJ, 2003.

Madison, B., The Many Faces of Quantitative Literacy,” Quantitative Literacy: Why Numeracy Matters for Schools and Colleges, National Council on Education and the Disciplines, Princeton, NJ, 2003. Pp 3-6.

Madison, B., "Testing with Technology: Lessons Learned," with Ray Cannon. Chapter 17 (pp. 305-328), *Computer Algebra Systems in Secondary School Mathematics Education* (James Fey, et. al., editors), National Council of Teachers of Mathematics. Reston, VA, 2003.

Meaux, L., Statistical inference with partial prior information based on a Gauss-type inequality, *Mathematical Computer Modelling*, 35, (2002) 1483 – 1488 (with M.Seaman and D.Young).

Petris, G., Fortrini, S., Ladelli, L., Regazzini, E., (2002) On a characterization of Mixtures of Markov Chains "Stochastic Processes and Their Applications", 100

Rieck, Y., (With Eric Sedgwick) Thin position for a connected sum of small knots, *Algebraic and Geometric Topology* volume 2 (2002), paper no. 14, pages 297-309.

Ryan, J., "Clifford Analytic Complete Function Systems for Unbounded Domains", with Dejenie Lakew, *Mathematical Methods in the Applied Sciences*, 25,2002, 1527-1539.

Ryan, J., "Clifford Analysis Techniques for Spherical pde", with Hong Liu, *Journal of Fourier analysis and its Applications*, 8, 2002,535-564.

R.W. Barnard, K. Pearce, and A. YU. Solynine, An Isoperimetric Inequality for Logarithmic Capacity – *Annales Academi Scientiarum Fennic. Mathematica*, 27 (2002), 419-436.

R.W. Barnard, L. Cole, and A. YU. Solynine: Minimal Harmonic Measure on Complementary Regions. *Computational Methods and Function Theory*, X (20XX), 1-19.

Vassilev, J., "Cofiniteness and associated Primes of Local Cohomology Modules" ,with T. Marley, *J. of Alg.*, (256) (2002), no. 1, 180-193.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Feldman, W., "Interactive Modular Mathematics", All things considered, University of Arkansas,

Rieck, Y., "An-annular complexes in 3-manifolds", RIMS proceedings number 1229 (Kyoto University).

Rieck, Y., (with Tsuyoshi Kobayashi) "Morimoto's Conjecture for m-small knot"s. In *musubime no topology 5 (topology of knots 5)*, kouki taniyama (ed.), pp. 197—213.

INVITED LECTURES:

DeOliveira, V., Invited Colloquium Ohio State University (May 2003); University of Maryland (April 2002).

Feldman, W., Separation properties for Carleman Operators on Banach lattice, Annual AMS meeting, San Diego, Jan, 2003.

Feldman, W., Poster session on IMME, Annual AMS meeting, Jan, 2003

Feldman, W., Teaching using a computer enhanced model, MAA meeting, Tulsa, OK, March, 2003

Goodman-Strauss, C., Montana State Univ, July 2002.

Goodman-Strauss, C., Aperiodic Order, Victoria B.C. August 2002.

Goodman-Strauss, C., Univ Tennessee, October 2002.

Goodman-Strauss, C., Univ Texas, October 2002.

Goodman-Strauss, C., Quasicrystals, Marseilles, October 2002.

Goodman-Strauss, C., Univ. California, Davis, February 2003.

Goodman-Strauss, C., Discrete Geometry, A.M.S., San Francisco, May 2003

Khavinson, D., “Problems on Harmonic Functions”, a principal speaker at the Southern Eastern Operator Theory Seminar, University of Richmond; 2 lectures 2002 September

Khavinson, D., “An Inverse Problem on Double Layer Potentials”, Conference on Function Spaces, Luminy, Marseilles, France. October 2002

Khavinson, D., “The Isoperimetric Inequality Revisited”, SUNY at Albany, Colloquium, December 2002

Khavinson, D. “Weak Compactness in $*$ -Invariant Subspaces”, SEAM Conference, Knoxville, Principal Speaker March 2003

Khavinson, D. “An Inverse Problem on Double Layer Potential”s, Brown

Khavinson, D. “The Isoperimetric Inequality Revisited”, Conference on Function Theory, Metz, France, Invited. June 14, 2003

Khavinson, D. “Weak Compactness in $*$ -Invariant Subspaces”, AMS-RMSE Joint Meeting, Seville, Spain, an invited 30 minute talk at a special session on Banach Spaces of Analytic Functions.

Lanzani, L., 2002 AMS Meeting #982; University of Kentucky; University of Wisconsin

Luecking, D., Southeastern Analysis Meeting, Knoxville, TN (2003)

Rieck, Y., Waseda University (invited speaker, December 2002)

Rieck, Y., Nihon University (Tokyo, Japan, 7 hour lecture series, March 2002)

Solynine, A. "Quadrature domains and their applications", Santa Barbara, CA March 2003.

Vassilev, D., Geometry Seminar, UQAM, Montreal, Canada, 2003.

Woodland, J., MAA Mini-course at the Joint Meetings of AMS/MAA, Baltimore, "Optimizing the Use of Technology in the Geometry Classroom", January 2003.

Woodland, J., Presentation for grades 9 and 10, Academy for Mathematics and Science, UA, "Careers with a Degree in Mathematics (and What Mathematicians Do)", June 2002.

Woodland, J., Teleconference panelist on publishing issues related to the teaching of calculus, September 2002.

Woodland, J., Graduate Student Seminar, "You Can Sum Some of the Series Some of the Time.", April 2003.

Woodland, J., UA Mathematics Graduate Seminar, on the subject of grading, September 2003.

Woodland, J., Contributed Paper, "Writing Assignments for Calculus," AMS-MAA Joint Meetings, Baltimore MD, January 2003.

Woodland, J., Contributed Paper, "Rough to Smooth: Improving the Quality of Student Work," MAA Sectional Meeting (OK/AR), University of Tulsa, Tulsa OK, March 2003

RESEARCH REPORTS:

Cauchy Kernels for Some Conformally Flat Manifolds John Ryan, March 2003

A Geometric Approach to Transdimensional MCMC Giovanni Petris, Luca Tardella, January 2003

Introductory Clifford Analysis John Ryan, January 2003

Some Conformally Flat Spin Manifolds, Dirac Operators and Automorphic Forms R. S. Krausshar, John Ryan, December 2002

Clifford and harmonic Analysis on Cylinders and Tori R. S. Krausshar, John Ryan, December 2002

A Strong Aperiodic Set Of Tiles In The Hyperbolic Plane C. Goodman-Strauss, October 2002

Weak Compactness In Certain Star Invariant Subspaces John R. Akeroyd, Dmitry Khavinson, Harold S. Shapiro, November 2002

Recent Progress in Sphere Packing J.H. Conway, C. Goodman-Strauss, N.J.A. Sloane, October 2002

Cubic Polyhedra C. Goodman-Strauss, J. Sullivan, October 2002

Further Triangle Tilings C. Goodman-Strauss, October 2002

Regular Production Systems and triangle Tilings C. Goodman-Strauss, October 2002

Akeroyd, J. Current Projects Index theorems and the characterization of the lattice of invariant subspaces for the shift on certain function spaces that have features in common with the Hardy and Bergman spaces of the unit disk.

Brewer, D., Current Projects Computational algorithms for identification of distributed parameter systems. Nonlinear hereditary models of age-structured populations.

Khavinson, D., Research in Progress:

A problem on double layer potentials, (with H.S.Shapiro and M.Putinar), a final draft is being prepared.

Music

BOOKS:

James Greeson (composer/performer), musical score for documentaries for AETN entitled "Mothers in Prison: Children in Crisis;" and "The Forgotten Expedition."

Elizabeth Margulis, Melodic Expectation: A Discussion and Model, PhD dissertation, Columbia University.

Jura Margulis, compact disc for the ARS MUSICA label, in association with Bayrischer Rundfunk Munich, with works by Medtner, Stravinsky, Prokofiev, Rachmaninoff, and Scriabin.

Elizabeth Markham and Rembrandt Wolpert, producers, documentary entitled On the Road to Tang, a Library of Congress documentary film.

Robert Mueller will have eight original compositions published by Bocal Music, Inc., of Lawrence, Kansas.

CHAPTERS:

None

REFEREED ARTICLES:

Elizabeth Margulis, "Expectancy in the Experience of Melody," in Systems Research in the Arts, Vol. 5, Lasker, Lily, and Rhodes, eds.

Elizabeth Margulis, "Factors in Melodic Expectancy," Proceedings of the 5th Triennial Conference of the European Society for the Cognitive Sciences of Music.

Dale Misenhelter had his article "An Examination of Music and Non-Music Majors' Responses to Selected Excerpts from Stravinsky's *Le Sacre du Printemps*," in the (China) Journal of Tian'Jin Conservatory of Music (Sounds of Nature Quarterly), reprinted by permission, Journal of Research in Music Education (MENC).

Dale Misenhelter, with co-author K. Kaiser, published their "Orff Schulwerk and Music Therapy: A Successful Experience," in the (UK) British Journal of Orff-Schulwerk, reprinted by permission, American Orff Schulwerk Association and Reverberation (AOSA).

Dale Misenhelter published "Generalists Needed for a Curricular Mandate," in *Segue*, the journal of the Arkansas Music Education Association.

Gerald Sloan had an article entitled "Los Huesos: A Closer Look at Latin Trombonists" published in the Journal of the International Trombone Association.

Timothy Thompson had two articles published in *The Horn Call*, the journal of the International Horn Society, one of which was concerned the Lyrique Quintette trip to Thailand (see also above).

NONREFEREED ARTICLES AND PROCEEDINGS:

Assoc. Prof. Robert Mueller completed the following compositions during the year: From the fields on the Edge of Forever, commissioned by the Cleveland Duo and Saxophonist James Umble; *La Pointe au Portail*, for Oboe, Cello, and Piano, premiered at the University of Arkansas; and *Tragedia*, for Orchestra, premiered at Walton Arts Center, by the University Symphony Orchestra.

INVITED LECTURES:

Claire Detels presented "The Role of Celebrations in the Operas of Puccini," at the 2003 meeting of the Nineteenth-Century Studies Association, in New Orleans

Timothy Gunter presented a talk entitled "The Total Athletic Band Program," at the National Collegiate Athletic Band Symposium at Ohio State University, Columbus.

Eddie Jones presented a paper entitled "You've Been Hired as Director of the College Gospel Choir, Now What?" at the National Association of African American Studies conference.

Elizabeth Margulis presented lectures to the Arkansas State Music Teachers Association Annual Meeting in Fayetteville, Arkansas, and to the Amadeus Piano Festival, in Tulsa, Oklahoma.

Elizabeth Margulis presented papers at the Biennial meeting of the Society for Music Perception and Cognition, Las Vegas, NV; at the 15th International Conference on Systems Research,

Informatics, and Cybernetics, Baden-Baden, Germany; at the 6th International Conference on Computing Anticipatory Systems, Liege, Belgium; the International Conference on Music and Gesture, in Norwich, UK; and at the 5th Triennial Conference of the European Society for the Cognitive Science of Music, in Hanover, Germany.

Dale Misenhelter presented a workshop entitled "Teaching World Percussion: Performance Techniques from Simple to Complex," at the 2003 Northwest MENC (Music Educators National Conference) Biennial Conference in Portland, OR.

Dale Misenhelter presented a paper entitled "Ideas and Behaviors: Citing Specific Examples in an Elementary Music Methods Course," at the 2003 Southern Division MENC/Georgia MENC (Music Educators National Conference) Conference in Savannah, Georgia.

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

None

CREATIVE ENDEAVORS, CONCERTS, SHOWS, PERFORMANCES:

Our faculty and students presented more than 300 public performances during the 2001-02 school year, including the following (see also details, above):

Chamber Concerts by the Faculty, with guest artists

Degree recitals by students in music curricula

Non-degree recitals by students in music curricula

Sunday Showcase Concerts

Faculty Recitals

Choral Concerts

Opera Productions

Schola Cantorum / Voice Faculty Tour

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

Basketball games for Men's and Women's Athletics

Football games for Men's Athletics

Volleyball games for Women's Athletics

Philosophy

BOOKS:

None

CHAPTERS:

1

REFEREED ARTICLES:

3

NONREFEREED PUBLICATIONS:

1

INVITED LECTURES:

0

OTHER LECTURES:

0

OTHER CREATIVE ENDEAVORS:

0

Physics

BOOKS:

Hobson, Art, Physics Concepts and Connections, 3rd edition, Prentice Hall Publishing Company (2003).

REFEREED JOURNAL ARTICLES PUBLISHED:

P.R.C. Kent, L. Bellaiche, and Alex Zunger, Pseudopotential Theory of Dilute III-V Nitrides, Semicond. Sci. Technol. 17, 851–859 (12-Jul-02).

A. Al-Yacoub, L. Bellaiche, and S.-H. Wei, Piezoelectric Coefficients of Complex Semiconductor Alloys from First-Principles, The Case of Ga_{1-x}In_xN, Physical Review Letters 89, 057601-1–4 (29-Jul-02).

Igor A. Kornev and L. Bellaiche, Planar Defects and Incommensurate Phases in Highly Ordered Perovskite Solid Solutions, Physical Review Letters 89, 115502-1–4 (9-Sep-02).

A. Al-Barakaty and L. Bellaiche, Global and Secondary Ferroelectric Minima in Ordered Pb(Sc_{0.25}Nb_{0.25}Ti_{0.5})O₃ Alloys, Applied Physics Letters 81, 2442–2444 (23-Sep-02).

N. Farrer and L. Bellaïche, Properties of Hexagonal ScN versus Wurtzite GaN and InN, *Physical Review B: Rapid Communications* 66, 201203-1–5 (20-Nov-02).

H. Crogman and L. Bellaïche, Properties of Vacancy-Rich Ordered (A,_xB_{1-x})Nb₂O₆ Perovskites, *Physical Review B: Rapid Communications* 66, 220103-1–6 (31-Dec-02).

A. Janotti, Su-Huai Wei, Laurent Bellaïche, Electronic and magnetic properties of MnN versus MnAs, *Applied Physics Letters* 82, 766–768 (3-Feb-03).

V. Ranjan, L. Bellaïche and E.J. Walter, “Strained hexagonal ScN: A material with unusual structural and optical properties,” *Physical Review Letters*, 90, 257602 (2003).

Weiping Su, Xiaoying Huang, Jing Li, and Huaxiang Fu, Crystal of Semiconducting Quantum Dots Built on Covalently Bonded T₅ [In₂₈Cd₆S₅₄]-1: The Largest Supertetrahedral Cluster in Solid State, *Journal of the American Chemical Society* 124, 12944–12945 (6-Nov-02).

Huaxiang Fu and O. Gülseren, Piezoelectric Pb(Zr_{0.5}Ti_{0.5})O₃: Interplay of Atomic Ordering, Ferroelectric Soft Modes, and Pressure, *Physical Review B* 66, 214114-1–7 (31-Dec-02).

Randy J. Ellingson, Jeffrey L. Blackburn, Jovan Nedeljkovic, Garry Rumbles, Marcus Jones, H. Fu, and Arthur J. Nozik, Experimental and Theoretical Investigation of Electronic Structure in Colloidal Indium Phosphide Quantum Dots, *Physica Status Solidi (c)* 1229–1232 (27-Jun-03).

J. Gea-Banacloche, Minimum Energy Requirements for Quantum Computation, *Physical Review Letters* 89, 217901-1–4 (18-Nov-02).

J. Gea-Banacloche, Hiding Messages in Quantum Data, *Journal of Mathematical Physics* 43, 4531–4536 (Sep-02).

J. A. Bergou, J. Gea-Banacloche and M. O. Scully, CEL Gyroscope With Injected Squeezed Vacuum, *Journal of Modern Optics* 49, 453–463 (2002).

Michael Teplitsky and Julio Gea-Banacloche, Addendum: Extracting an Entangled State of n-t Qubits from an n-Qubit Entangled State After Errors at t Sites, *Physical Review A* 67, 014307-1–4 (30-Jan-03).

Y. Li and R. Gupta, An investigation of the photothermal deflection spectroscopy technique for temperature measurements in a flame, *Applied Physics B: Lasers and Optics* 75, 103–112 (8-Aug-02).

Y. Li and R. Gupta, Simultaneous Measurement of Absolute OH Concentration, Temperature and Flow Velocity in a Flame by Photothermal Deflection Spectroscopy, *Applied Physics B: Lasers and Optics* 75, 903–912 (2-Dec-11).

Art Hobson, "All nations need to require science literacy courses for all university students," *GIREP (International Physics Education Research Group)*, (Jan-03), pp. 6–7.

Art Hobson, "Physics, Energy and the Environment," *Physics Education*, (Mar-03), pp.109–114, (as lead article in a special edition on energy and the environment).

Art Hobson, "The Population Game," *The Physics Teacher*, 41, 227–233 (Apr-03).

C.H.S. Lacy, G. Torres, A. Claret, and J.A. Sabby, Absolute Properties of the Main-Sequence Eclipsing Binary Star WW Camelopardalis, *Astronomy Journal* 123, 1013 (2002).

C.H.S. Lacy, G. Torres, A. Claret, and J.A. Sabby, uvby Photometry of Selected Eclipsing Binary Stars, *Astronomy Journal* 124, 1162 (2002).

C.H.S. Lacy, *Observational Research for All Students*, *Astronomy Education Review* 2 (2003).

Jeff Sabby and C.H.S. Lacy, Absolute Properties of the Eclipsing Binary Star RT Corona Borealis, *Astronomy Journal* 125, 1448 (May-03).

D. Stein, J. Li, and J.A. Golovchenko, Ion Beam Sculpting Time Scales, *Physical Review Letters* 89, 276106-1–4 (2002).

Z. M. Wang, V. R. Yazdanpanah, J. L. Shultz, and G. J. Salamo, GaAs(311) Templates for Molecular Beam Epitaxy Growth: Surface Morphologies and Reconstruction, *Applied Physics Letters* 81, 2965 (2002).

B. Pattada, Jiayu Chen, Qiaoying Zhou, M.O. Manasreh, M.L. Hussein, W. Ma, and G.J. Salamo, Optical Absorption of Intersubband Transitions in In_{0.3}Ga_{0.7}As/GaAs Multiple Quantum Dots, *Applied Physics Letters* 82, 2509–2511 (2003).

V.R. Yazdanpanah, Z.M. Wang, and G.J. Salamo, Highly Anisotropic Morphologies of GaAs(311) Surfaces, *Applied Physics Letters* 82, 1766–1768 (2003).

Zhiming Wang, H. Wen, V.R. Yazdanpanah, J.L. Shultz, and G.J. Salamo, Strain-Driven Facet Formation on Self-Assembled InAs Islands on GaAs(311)A, *Applied Physics Letters* 82, 1688–1690 (2003).

M.O. Manasreh, D.J. Friedman, W.Q. Ma, C.L. Workman, C.E. George, and G.J. Salamo, Photoluminescence of Metalorganic-Chemical-Vapor-Deposition-Grown GaInNAs/GaAs Single Quantum Wells, *Applied Physics Letters* 82, 514–516 (2003).

X. Mu, Y. J. Ding, H. Yang, and G. J. Salamo, Vertically Stacking Self-Assembled Quantum Wires, *Applied Physics Letters* 81, 1107–1109 (5-Aug-02).

Yu. I. Mazur, X. Wang, Z. M. Wang, G. J. Salamo, and M. Xiao, Photoluminescence Study of Carrier Transfer Among Vertically Aligned Double-Stacked InAs/GaAs Quantum Dot Layers, *Applied Physics Letters* 81, 2469–2471 (23-Sep-02).

Clint Wood, Gregory J. Salamo, John Goff, Gary L. Wood, Richard J. Anderson, David J. McGee, Fixed three-dimensional holographic images, *Applied Optics* 41, 6796–6801 (10-Nov-02).

Z.M. Wang, V.R. Yazdanpanah, C.L. Workman, and G.J. Salamo, Origin of step formation on the GaAs(311) surface, *Physical Review B: Brief Reports* 66, 193313-1–4 (15-Nov-02).

W.Q. Ma, X.Y. Wang, Z.M. Wang, M.L. Hussein, J. Shultz, Min Xiao, and G.J. Salamo, Piezoelectric Effect in Elongated (In,Ga)As Islands on GaAs(100), *Physical Review B* 67, 035315-1–5 (31-Jan-03).

Zhiming Wang and Greg Salamo, Surface Dynamics During Phase Transitions of GaAs(100), *Physical Review B* 67, 125324-1–4 (15-Mar-03).

Z. M. Wang, V. R. Yazdanpanah, J. L. Shultz, and G. J. Salamo, GaAs(311) templates for molecular beam epitaxy growth: surface morphologies and reconstruction, *Applied Physics Letters* 81, 2965–2967 (Fall 2002).

Daniel Erenso, Reeta Vyas, and Surendra Singh, Quantum Well in a Microcavity with Injected Squeezed Vacuum, *Physical Review A* 67, 013818-1–10 (31-Jan-03).

Shabnam Siddiqui, Daniel Erenso, Reeta Vyas, and Surendra Singh, Conditional measurements as probes of quantum dynamics, *Physical Review A* 67, 063808/1–9 (31-Mar-03).

D.W. Bullock, V.P. LaBella, T. Clingan, Z. Ding, G. Stewart and P.M. Thibado, Enhancing the Student-Instructor Interaction Frequency, *The Physics Teacher* 40, 535–541 (Dec-02).

Z. Ding, D.W. Bullock, P.M. Thibado, V.P. LaBella, and Kieran Mullen, Atomic-Scale Observation of Temperature and Pressure Driven Preroughening and Roughening, *Physical Review Letters* 90, 216109/1–4 (30-May-03).

Z. Ding, D.W. Bullock, W.F. Oliver, P.M. Thibado, V.P. LaBella, Dynamics of spontaneous roughening on the GaAs(001)-(2x4) surface, *Journal of Crystal Growth* 251, 35–39 (Spring 2003).

D.W. Bullock, Z. Ding, P.M. Thibado, and V.P. LaBella, Role of aperiodic surface defects on the intensity of electron diffraction spots, *Applied Physics Letters* 82, 2586–2588 (Spring 2003).

D.W. Bullock, V.P. LaBella, Z. Ding, and P.M. Thibado, Simultaneous surface topography and spin-injection probability, *Journal of Vacuum Science & Technology B* 21, 67–70 (Spring 2003).

Min Xiao, Novel Linear and Nonlinear Optical Properties of Electromagnetically Induced Transparency Systems, *IEEE Journal of Selected Topics in Quantum Electronics* 9, 86 (2003).

A.Y. Nazzal, L. Qu, X. Peng, and Min Xiao, Photo-Activated CdSe Nanocrystals as Nanosensors for Gases, *Nano Letters* 3, 819 (2003).

X. Wang, J. Zhang, A. Nazzal, and Min Xiao, Photo-Oxidation-Enhanced Coupling in Densely-Packed CdSe Quantum-Dot Films, *Applied Physics Letters* 83, 162 (2003).

Jia-Yu Zhang, Xiao-Yong Wang, and Min Xiao, Modification of spontaneous emission from CdSe/CdS quantum dots in the presence of a semiconductor interface, *Optics Letters* 27, 1253–1255 (15-Jul-02).

Hai Wang, David Goorskey, and Min Xiao, Controlling light by light with three-level atoms inside an optical cavity, *Optics Letters* 27, 1354–1356 (1-Aug-02).

A. Joshi, A. Brown, H. Wang, and Min Xiao, Controlling Optical Bistability in a Three-Level Atomic System, *Physical Review A, Rapid Communications* 67, 041801R-1–4 (Feb-03).

Yong-qing Li, Dorel Guzun, Greg Salamo, and Min Xiao, High-Efficiency Blue Light Generation by Frequency Doubling of Picosecond Pulses in a Thick KNbO₃ Crystal, *Journal of the Optical Society of America* 20, 1285–1289 (6-Jun-03).

Min Xiao, H. Wang, and D. Goorskey, All-Optical Switching in a Coherent Atomic Medium, *Optics and Photonic News* 3, 13 (Dec. 2002).

Xiao-Yong Wang, Jia-Yu Zhang, A. Nazzal, M. Darragh, and Min Xiao, Electronic structure transformation from a quantum-dot to a quantum-wire system: Photoluminescence decay and polarization of colloidal CdSe quantum rods, *Applied Physics Letters* 81, 4829–4831 (Fall 2002).

Min Xiao, Hai Wang, and David Goorskey, Light Controlling Light with Enhanced Kerr Nonlinearity, *Optics and Photonic News* 13, 44–49 (Fall 2002).

Jia-Yu Zhang, Xiao-Yong, Min Xiao, L. Qu and X. Peng, Lattice contraction in free-standing CdSe nanocrystals, *Applied Physics Letters* 81, 2076–2078 (Fall 2002).

ARTICLES IN CONFERENCE PROCEEDINGS:

Igor A. Kornev and Laurent Bellaiche, Effects of Antiphase Boundaries on the Structural Properties of Highly Ordered Perovskite Solid Solutions, *AIP Conference Proceedings* 626, 123–131 (11-Aug-02).

Huaxiang Fu, Band-Edge States and Optical Properties of Ordered Pb(Zr_{0.5}Ti_{0.5})O₃ from First Principles, *AIP Conference Proceedings* 626, 17–25 (11-Aug-02).

Julia Gea-Banacloche, Energy Requirements for Quantum Computation, *Proceedings of the SPIE* 5115, 154–156 (2003).

H.C. Crogman and W. Harter, Rotor-rotor spectra and dynamics: I. Coupling between extremes in interaction strength and spectral complexity, *Proceedings of International Molecular Spectroscopy Symposium* 57, 207 (Fall 2002).

H.C. Croghan and W. Harter, Rotor-rotor spectra and dynamics: II Symmetric tops between floppy and rigid coupling limits, Proceedings of International Molecular Spectroscopy Symposium 57, 218 (Fall 2002).

C.H.S. Lacy, A. Straughn, and F. Denger, Times of Minima of Eclipsing Binaries I.B.V.S., No. 5251 (Fall 2002).

C.H.S. Lacy, TY Leo Is Not An Eclipsing Binary Star I.B.V.S., No. 5301 (2002).

C.H.S. Lacy, Times of Minima of Eclipsing Binaries I.B.V.S., No. 5357 (2002).

Hong Wen, Zhiming Wang, Greg Salamo, Two-dimensional Epitaxial Growth of Strained InGaAs on GaAs (001), Materials Research Society Symposium Proceedings 737, 401–406 (2003).

M.O. Manasreh, D.J. Freidman, W.Q. Ma, C.L. Workman, C.E. George, and G.J. Salamo, Interband Transitions in GaInNAs/GaAs Single Quantum Wells, Materials Research Society Symposium Proceedings 744, 647–652 (2003).

C.L. Workman, Z.M. Wang, W.Q. Ma, C.E. George, R.P. Selvam, G.J. Salamo, Q.Y. Zhou, and M.O. Manasreh, Intersubband Transitions in In_xGa_{1-x}As/AlGaAs Multiple Quantum Wells for

Long Wavelength Infrared Detection, Materials Research Society Symposium Proceedings 744, 607–612 (Spring 2003).

Yuri I. Mazur, Heiko Kissel, Haeyeon Yang, Gregory J. Salamo, and Min Xiao, Formation of Low-Density InAs/InP(001) Quantum Dot Arrays, Proceedings of the SPIE 5065, 219–225 (2003).

Ron Foster, Ken Vickers, Greg Salamo, Otto Loewer, and John Ahlen; American Society for Engineering Education Annual Conference, June 2002; “Launching an Innovation Incubator in a University Setting”.

Ken Vickers, Greg Salamo, Willyerd Collier, Benita Wolff; American Society for Engineering Education Annual Conference, June 2002; “Land Grant Research University Partnerships with HBCUs for Enhanced Undergraduate Research Opportunities”.

Ken Vickers, Greg Salamo; American Society for Engineering Education Annual Conference, June 2002; “Graduate Student Practice of Technology Management: The Cohort Approach to Structuring Graduate Programs”

INVITED LECTURES:

Alireza Akbarzadeh and Laurent Bellaiche “Properties of the Incipient Ferroelectric K₂O₃,” Department of Physics and Astronomy Seminar, Rutgers University, Piscataway, NJ (20-Aug-02).

Laurent Bellaiche, "Properties of Piezoelectrics From First-Principles," Conference on the Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (Feb. 2–5, 2003).

Huaxiang Fu, "Off-center atomic displacements in BaTiO₃ quantum dots," Conference on the Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (Feb. 2–5, 2003).

Julio Gea-Banacloche, "Energy Requirements for Quantum Computation," SPIE Symposium on Fluctuations and Noise, Santa Fe, New Mexico (June 1–4, 2003).

Art Hobson, 2-week workshop on: "Teaching science literacy to non-science university students," for 25 graduate students of physics education, at Guanxi Normal University in Guilin, China (Oct-02).

Art Hobson, 1-week workshop on: "Teaching science literacy to non-science university students," for 25 university professors from all over China, at Guanxi Normal University in Guilin, China (Oct-02).

Jiali Li, "Solid State Nanopore as a Single DNA Molecule Detector," 47th Annual Meeting of the Biophysical Society, San Antonio, Texas (March 1–5, 2003).

Gay Stewart, "Our Response to the NRC Findings on Improving AP Physics," 1st National Forum on Advanced Placement (Jul-02).

Gay Stewart, "Evaluating Student Conceptual Gains: Our Experience in the PhysTEC Project," Summer AAPT Meeting (August 1, 2002)

Gay Stewart, "The Physics Teacher Education Coalition: A Novel Program for the Preparation of K-12 Science Teachers," APS April Meeting, Philadelphia, PA (Apr-03).

William Oliver and Gay Stewart, "Physics Course Reform at the University of Arkansas," PhysTEC Meeting, Tucson, Arizona (Feb-03).

Vince LaBella, "New Teaching Technologies," SUNY Albany Department of Physics Colloquium, Albany, New York (Aug-02).

P. M. Thibado, V. P. LaBella, D. W. Bullock, and Z. Ding, "Dynamics of Spontaneous Roughening on the GaAs(001) Surface," Twelfth International Conference on Molecular Beam Epitaxy, San Francisco, California Sep-02).

Several other invited lectures not listed here were also given by physics faculty during AY 2001–2002.

CONTRIBUTED LECTURES AND PRESENTATIONS:

H. Fu and L. Bellaiche, "First-Principles Study of Structural Response to Finite Electric Fields," APS March Meeting, Austin, Texas (March 3–7, 2003).

V. Ranjan, L. Bellaiche, and Eric J. Walter, "Properties of hexagonal ScN from first-principles", 2003 Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (February 2–5, 2003).

Ahmad Al-Yacoub, V. Ranjan, and L. Bellaiche, "Properties of ordered Sc_{1-x}GaxN alloys from first-principles," 2003 March Meeting of the American Physical Society, Austin, Texas (March 3–7, 2003).

V. Ranjan Ahmad Al-Yacoub, and L. Bellaiche, "Properties of hexagonal ScN from first-principles," 2003 March Meeting of the American Physical Society, Austin, Texas (March 3–7, 2003).

Alireza Akbarzadeh and Laurent Bellaiche, "Quantum effects in incipient ferroelectrics KTaO₃ and K(TaxNb_{1-x})O₃," Poster in the Ferroelectrics Meeting, Williamsburg, Virginia (Feb. 2–5, 2003).

Alireza Akbarzadeh and Laurent Bellaiche, "Quantum effects in incipient ferroelectrics KTaO₃ and K(TaxNb_{1-x})O₃," American Physical Society March Meeting, Austin, TX (March 3–7, 2003).

Huaxiang Fu, "Atomic Off-Center Displacements in BaTiO₃ Quantum Dots," Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (Feb. 2–5, 2003).

Huaxiang Fu, "Spin-Polarized Transitions in InP Quantum Dots Under Magnetic Fields," APS March Meeting, Austin, Texas (March 3–7, 2003).

William C. Harter, "Relativity and Quantum Theory Based on Wave Interference Dynamics," APS Southeastern Sectional Meeting, U of Virginia, Charlottesville (Oct. 17–22, 2002).

William C. Harter, "New and Extraordinary Physics Educational Tools: The Harter-Soft Method," APS Southeastern Sectional Meeting, U of Virginia, Charlottesville (Oct. 17–22, 2002)

Art Hobson, "Energy flow diagrams for physics teaching," AAPT national summer meeting, Boise, Idaho (Aug-02).

Art Hobson, "The electron as field quantum: the straightforward way to teach quantum physics conceptually," APS national meeting, Philadelphia, (April 5-8, 2003).

C.H.S. Lacy and S. Grimes, "Binary Stars, Planets, and Gamma-Ray Bursts," Arkansas Space Grant Symposium, Conway, Arkansas (Mar-03).

Jiali Li, "Solid State Nanopore as a Single DNA Molecule Detector," The Nanotechnology Conference and Trade Show, San Francisco, CA (Feb. 23–27, 2003).

Jiali Li, "Detecting the Length of Double-Stranded DNA with Solid State Nanopores," APS March Meeting Austin, Texas (March 3–7, 2003).

Shahram Mohammadi and William Oliver, "Characterization and calibration of the optical system for spin injection studies," Third Annual Tech Summit, University of Arkansas (April 18, 2003).

Clayton Workman and G.J. Salamo, "Intersubband Transitions in $\text{In}_x\text{Ga}_{1-x}\text{As}/\text{AlGaAs}$ Multiple Quantum Wells for Long Wavelength Infrared Detection," Materials Research Society Fall Meeting, Boston, MA (Dec. 2–6, 2002).

H. Wen and G.J. Salamo, "Two-dimensional epitaxial growth of strained InGaAs on $\text{GaAs}(100)$," Materials Research Society Fall Meeting, Boston, MA (Dec. 2–6, 2003).

D.W. Bullock, V.P. LaBella, Z. Ding, and P.M. Thibado, "Dynamics of Spontaneous Roughening on the $\text{GaAs}(001)$ Surface," Twelfth International Conference on Molecular Beam Epitaxy, San Francisco, CA (Sept. 2002).

J. Zhang, X. Wang, and Min Xiao, "Lattice Contraction in Free-Standing CdSe Nanocrystals," Materials Research Society Fall Meeting, Boston, MA (Dec. 2–6, 2002).

John Todd, Ken Vickers; International Council for Small Business World Conference; Puerto Rico; "Business + Physics = Entrepreneurship Education"; (June 2002).

Ken Vickers; LS-LAMP Conference; "Defining the Next Generation Graduate Student", (November 2002).

OTHER PUBLICATIONS AND CONTRIBUTIONS:

William C. Harter, "Relativity and Quantum Theory Based on Wave Interference Dynamics," Air Force Institute of Technology at the Wright-Patterson AFB, Dayton, Ohio (July 3, 2002).

Art Hobson, Letter: "Pseudoscience and Creationism," APS Forum on Education Newsletter, (Aug-02), p. 2.

Art Hobson, Poster: "Teaching Energy-Related Concepts Conceptually," AAPT National Summer Meeting, Boise, Idaho (Aug-02).

Art Hobson, Letter: "Teaching Quantum Physics," in *Physics Education* (UK), Sep 2002, p. 457.

Art Hobson, Book review of George Gamow and Russell Stannard, *The NEW World of Mr Tompkins*, published in *Physics In Perspective*, (Oct-02).

Art Hobson, Letter: "Women in Physics and Scientific Literacy," *Physics and Society* (newsletter of the APS Forum on Physics and Society), (Oct-02).

Art Hobson, Letter: "Merits of Advanced Placement Reexamined," *Physics Today* (Dec-02), p. 12.

Art Hobson, book rev of "The NEW World of Mr Tompkins," Physics In Perspective, 4 No. 4 (Winter 2002).

Art Hobson, Letter: "All Nations Need to Require Science Literacy Courses for all University Students," Physics Education, 178-179 (Mar-03).

Art Hobson, Letter: "Solar Blackbody Spectrum and the Eye's Sensitivity," Am J Phys, 71, 295 (Apr-03).

Numerous faculty reports to funding agencies and posters and presentations were made during NSF Site visits during AY 2002–2003.

Political Science

BOOKS:

Najib Ghadbian, Democratization and the Islamist Challenge in the Arab World: 1980-2000. (Amman & Beirut: Dar Al-Manar, 2002) in Arabic.

Donald Kelley, After Communism: Perspectives on Democracy (Fayetteville, AR: University of Arkansas Press). June 2003

Ka Zeng, Trade Threats, Trade Wars: Bargaining, Retaliation, and American Coercive Diplomacy. (Ann Arbor: University of Michigan Press), forthcoming.

Kenneth Hansen, The Greening of Pentagon Brownfields: Using Environmental Discourse to Redevelop Former Military Bases. (Lanham, MD: Lexington Books).

Donald Kelley, Todd Shields, Jeannie Whayne, Vantage Points: Perspectives on the Clinton Presidency (Fayetteville, AR: University of Arkansas Press), June 2003.

Margaret Reid, Brinck Kerr, Will Miller, Glass Walls and Glass Ceilings: Women's Public Sector Employment in State and Municipal Bureaucracies (New York: Praeger Publishers), September 2003.

CHAPTERS:

Donald Kelley, "What is to be Done," After Communism: Perspectives on Democracy (Fayetteville, AR: University of Arkansas Press), June 2003.

Donald Kelley, "The Complexity of Democratic Transitions," After Communism: Perspectives on Democracy (Fayetteville, AR: University of Arkansas Press), June 2003.

Donald Kelley, "Consolidation as a Work in Progress," After Communism: Perspectives on Democracy (Fayetteville, AR: University of Arkansas Press), June 2003.

Janine Parry, "The Women's Movement and Political representation Policy in the U.S.: 1970-2000," *Modifiche istituzionali e rappresentanza femminile. Strategie a confronto per il riequilibrio delle rappresentanza in Italia, in Europa e negli Stati Uniti (Constitutional Reforms and Women's Representation: A Comparative Analysis of Strategies to Balance Representation in Italy, in Europe, and in the US)*, (Turino, Italy: CELID) forthcoming.

Jeff Ryan, "Turning on their Masters: State Terrorism & Unlearning Democracy in Uruguay," *When the State Kills: Contemporary State Terror in Latin America*, Cecilia Menjivar and Nestor P. Rodriguez, editors, (Austin, TX: University of Texas Press) forthcoming.

Janine Parry, Jay Barth, Todd Shields, "Arkansas: Non-stop Action in Post-Clinton Arkansas," *The 2000 Presidential Election in the South: Current Patterns of Southern Party and Electoral Politics*, Robert P. Steed, Laurence W. Moreland and Tod A. Baker, editors, (Westport, CT: Praeger), pp. 133-148.

Margaret Reid, "Transformations in post-socialist cities," *Globalization and Local Democracy*, R. Hambleton, H.v. Savitch, and M. Stewart, editors, (London: MacMillan-Palgrave), 2002, pp. 97-113.

Jeff Ryan, Justo Aguilar Fong, "Descentralizacion, responsabilidad y Participacion" *Consecuencias Politicas de la Reforma Municipal en Costa Rica*, "Gerenciando las Relaciones Intergubernamentales: Experiencias in America Latina", Sonia Ospina and Michael Penfold, editors (Caracas, Venezuela: Neuva Sociedad) 2002.

William Schreckhise and Janine Parry, "Arkansas," *Legal Systems of the World*, Herbert M. Kritzer, editor (Santa Barbara, CA: ABC-CILO), 73-77.

ARTICLES:

Najib Ghabbian, "Political Islam: Inclusion or Violence?" *Violence and Politics: Globalization's Paradox*, K. Worcestre, S. Bermazhon and M. Unger, editors (New York: Routledge) 2002,

Najib Ghabbian, "Political Islam and Violence" *Annual Editions: The Developing World, 2002-2003* (Guilford, CT: McGraw-Hill/Duskin) 2002, Reprint.

Brinck Kerr, Margaret Reid, and Will Miller, "Sex-Based Occupational Segregation in U.S. State-Level Bureaucracies, 1987-1997," *Administration & Society*, forthcoming

Brinck Kerr, Will Miller, Margaret Reid, "Sex-Based Occupational Segregation in U.S. State-Level Bureaucracies, 1987-1997," *Public Administration Review* (July/August 2002) 62: pp. 412-423.

Janine Parry and William Schreckhise, "Political Culture, Political Attitudes, and Aggregated Demographic Affects: Regionalism and Political Ideology in Arkansas," *Midsouth Political Science Review*, 5, pp. 61-75.

Jeff Ryan, "Decentralization & Democratic Instability: The Case of Costa Rica," *Public Administration Review*, (forthcoming).

Jeff Ryan, "Reforms Neoliberales y Abstencion Electoral en America Latina," *Derecho y cultura* (Mexico City) September, 2003.

William Schreckhise, Janine Parry, and Todd Shields, "Rising Republicanism in the Arkansas Electorate? A Characterization of Arkansas' Political Attitudes and Participation Rates," *Midsouth Political Science Review*, 5, pp. 5-19.

William Schreckhise and Jon Taylor, "When a Tree Falls in Arkansas, Does it Make a Sound? The Impact of Issue Voting in Local Nonpartisan Elections," *State and Local Government Review*, forthcoming.

Todd Shields, Lisa Schur, Doug Kruse, and Kay Schriener, "Enabling Democracy: Disability and Voter Turnout," *Political Research Quarterly*, 55, pp. 167-190.

Todd Shields, Robert Goidel and Don Gross, "Campaign Finance Regulations and Electoral Competition," *American Politics Research*, 30, pp. 143-165.

Ka Zeng, "Trade Structure and the Effectiveness of America's 'Aggressively Unilateral' Trade Policy," *International Studies Quarterly* (46:1) 2002, pp. 93-115.

Ka Zeng, "Complementary Trade Structure and U.S.-China Negotiations over Intellectual Property Rights," *East Asia: An International Quarterly*, (20:1), Spring 2003.

Ka Zeng and Steve Kopp, "Patent Issues in China: Entry Decisions in a Dynamic Legal and Competitive Environment," *Advances in International Marketing*, forthcoming.

OTHER ARTICLES:

Margaret Reid, C.K. Riemenschneider and M. Allen, "Potential Antecedents to the Voluntary Turnover Intentions of Women Working in Information Technology, Americas Conference on Information Systems, 2002, pp. 2018-2022.

PAPERS PRESENTED AT CONFERENCES AND OTHER SEMINARS:

Najib Ghabdian, "Islamists and the State in Syria" From confrontation to Reconciliation?" paper presented at the 36th Annual Meeting of the Middle East Studies Association, Washington, D.C., November 25, 2002.

Najib Ghabdian, "Middle East Politics in the US" paper presented at the Middle East Studies in the US and Russia Seminar, St. Petersburg State University, St Petersburg Russia, June 29, 2002.

Najib Ghadbian, "Islamic Extremism and Violence" paper presented at the 3rd Annual Conference of the Center for the Study of Islam and Democracy: Democratization and Political Violence in Muslim Societies, Arlington, VA, April 2002.

Kenneth Hansen, Joseph St. Marie, John Truman and Erol Kaymak, "The Asian Economic crisis and the Developmental State: A Veto Player Analysis," paper presented at the annual meeting of the American Political Science Association, Boston, MA, 2002.

Kenneth Hansen, "Environmental Attitudes in the south: A Case Study of Arkansas," paper presented at the annual meeting Western Political Science Association, Long Beach, CA, 2002.

Kenneth Hansen, "The Base Realignment and Closure (BRAC) Process for 2005: Revisiting the Politics-Administration Dichotomy (Again)," paper presented at the annual meeting of the Arkansas Political Science Association, Jonesboro, AR, 2002.

Donald Kelley, "Integration of Research and Education," paper presented at the International Symposium on University Administration: Methods and Models, sponsored by the Carnegie Corporation and the International Research and Exchanges Board (IREX), Moscow, April 15-16, 2002.

Brinck Kerr, Will Miller, Margaret Reid, "Descriptive Representation Among Latinas, African American Women, and White Women in Multiethnic Cities: Employment Inequalities in Municipal Bureaucracies" paper presented at the annual Southwestern Social Science Association meeting, New Orleans, LA, March 2002. This paper received the Jewell Prestage Best Paper Award.

Brinck Kerr, Will Miller, Margaret Reid, "An Unconventional Application of the Glass Ceiling Concept: African American and Latino Administrators in Municipal Government Bureaucracies, 1987-1997," paper presented at the 2003 Southwestern Social Science Association Meeting, San Antonio, TX, April 2003.

Will Miller, Jack Kern, Brinck Kerr, Tiffini Jackson, "The Determinants of Public School Quality in the State of Arkansas: A Time Series Analysis," paper presented at the 2003 Arkansas Political Science Association meeting, Conway, AR, February 2003.

Janine Parry "Women and Representation in the U.S.: 1970-2000," paper presented at the Meeting of the Consulta delle Elette del Piemonte on Constitutional Reforms and Women's Representation: A Comparative Analysis of Strategies to Balance Representation in Italy, in Europe, and in the US, Piedmont, Italy, November 2002.

Janine Parry, "Women's Policy Agencies, the Women's Movement, and Political Representation in the U.S.," paper presented at the annual meeting of the Southern Political Science Association, Savannah, GA, November 2002.

Janine Parry and Will Miller, "African Americans in the Arkansas General Assembly," paper presented at the annual meeting of the Arkansas Political Science Association, February 2002.

Janine Parry, Todd Donovan, and Shaun Bowler, "A Theory and Model of Mass Support for Proportional Representation, paper presented at the annual meeting of the Southwest Social Science Association, New Orleans, LA, March 2002.

Margaret Reid, "Faith-linked Organizations (FLOs) as Urban Service Deliverers: The Case of Welfare Reform," paper presented at the annual meeting of the Urban Affairs Association, Boston, MA, March 2002.

Jeff Ryan, "Gods, Prophets and Martyrs: Sacred Imagery in Latin American Guerrilla Movements," presented at the annual meeting of the Mid-America Conference on History, Fayetteville, AR, September 2002.

William Schreckhise and Jon Taylor, "When a Tree Falls in Arkansas, Does it Make a Sound? The Impact of Issue Voting in Local Nonpartisan Elections," paper presented at the annual meeting of the Southwestern Political Science Association, New Orleans, LA, March 2002.

William Schreckhise and John Tennert, "Eleventh Amendment Sovereign Immunity and Immunity-from-Liability: Prospects for State Personnel Management," paper presented at the annual meeting of the Southwestern Political Science Association, New Orleans, LA, March 2002.

William Schreckhise and Donald Gooch, "New Institutional Strategic and Constitutive Theories as a Casual Factor in Judicial Decision-Making: A comparative Analysis" paper presented at the annual meeting of the Western Political Science Association, Long Beach, CA, March 2002.

Todd Shields, "Media Framing of Islam and Terrorism" A Method of Analyzing Perceptions of Religious Portrayals in News Reporting," paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication, Miami, FL, 2002.

Conrad Waligorski, "Power and the Useful (Political) Economist: John Kenneth Galbraith" paper presented at the annual meeting of the Southern Political Science Association, Savannah, GA, November, 2002.

Ka Zeng, "Target Country Politics and International Trade Conflicts," paper presented at the annual meeting of the American Political Science Association, Boston, MA, August, 2002.

Ka Zeng and Steve Kopp, "Patent Laws in China and Taiwan: Evolutionary and Revolutionary Developments in Intellectual Property," paper presented at the annual AMA Conference on Marketing and Public Policy: New Directions for Public Policy, Atlanta, GA, May 2002.

Ka Zeng, "Trade Structure and the Effectiveness of America's 'Aggressively Unilateral' Trade Policy," paper presented at the annual conference of the International Studies Association," New Orleans, LA, March 2002.

Psychology

BOOKS:

Lilienfeld, S.O., Lynn, S.J., Lohr, J.M. (2003). *Science and pseudoscience in clinical psychology*. New York: Guilford Press.

CHAPTERS:

Cavell, T.A., & Strand, P.S. (2002). Parent-based interventions for aggressive, antisocial children: Adapting to a bilateral lens. In L. Kuczynski (Ed.), *Handbook of Dynamics in Parent-child Relations*. Thousand Oaks, CA: Sage.

Jackson, T., Petretic-Jackson, P. & Witte, T. (2002). Mental health assessment tools and techniques for working with battered women. (Pp. 278-297). In A. Roberts (Ed.). *Handbook of domestic violence intervention strategies: Policies, programs and legal remedies*. New York: Oxford University Press.

Lohr, J.M., Hooke, W., Gist, R., & Tolin, D.F. (2003). Novel and controversial treatments for trauma-related disorders. In S.O. Lilienfeld, S.J. Lynn, & J.M. Lohr, (Eds.), *Science and pseudoscience in clinical psychology* (pp. 243-272). New York: Guilford Press.

Petretic-Jackson, P., Jackson, T., & Witte, T. (2002). Battered women: treatment goals and treatment planning. (Pp. 298-320). In A. Roberts (Ed.). *Handbook of domestic violence intervention strategies: Policies, programs and legal remedies*. New York: Oxford University Press.

Riskind, J.H., Williams, N.L., & Kyrios (2002). Experimental Methods for Studying Cognition. In R.O. Frost and G. Stekette (Eds.), *Cognitive Approaches to obsessions and compulsions: Theory, assessment, and treatment* (pp. 139-164). Amsterdam, Netherlands: Pergamon/Elsevier Science Inc.

Woehr, D. & Cavell, T.A. (2002). Self-report measures of ability, effort, and nonacademic activity as predictors of introductory psychology test scores. In Griggs, R.A.(Ed). *Handbook for teaching introductory psychology: Vol. 3: With an emphasis on assessment* (pp. 116-120). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

REFEREED ARTICLES:

Bering, J.M. (2002). Intuitive conceptions of dead agents' minds: The natural foundations of afterlife beliefs as phenomenological boundary. *Journal of Cognition and Culture*, 2, 263-308.

Bredart, S., Lampinen, J.M. & Defeldre, A.C. (2003). Phenomenal characteristics in cryptomnesia. *Memory*, 11, 1-11.

Cavell, T.A., & Meehan, B.T., Heffer, R.W., & Holladay, J.J. (2002). The natural mentors of adolescent COAs: Characteristics and correlates. *The Journal of Primary Prevention*, 23, 23-42.

Feldman, Barrett, L.A., Williams, N.L., & Fong, G.T. (2002). Defensive verbal behavior assessment. *Personality and Social Psychology Bulletin*, 28, 6, 776-788.

Gordon, P.C., Henrick, R., & Levine, W.H. (2002). Memory-load interference in syntactic processing. *Psychological Science*, 13, 425-430.

Murray, K.T., & Kochanska, G. (2002). Effortful control: Factor structure and relation to childhood psychopathology. *Journal of Abnormal Child Psychology*, 30, 503-514.

Neuschatz, J.S., Lampinen, J.M., Preston, E.L., Hawkins, E.R., & Toglia, M.P. (2002). The effect of memory schemata on memory and the phenomenological experience of naturalistic situations. *Applied Cognitive Psychology*, 16, 687-708.

Povinelli, D.J. & Bering, J.M. (2002). The mentality of apes revisited. *Current Directions in Psychological Science*, 11, 115-119.

Sawchuk, C.N., Lohr, J.M., Westendorf, D.W., Meunier, S.A., & Tolin, D.F. (2002). Emotional responding to fearful and disgusting stimuli in specific phobias. *Behaviour Research and Therapy*, 40, 1031-1046.

Sawchuk, C.N., Meunier, S.A., Lohr, J.M., & Westendorf, D.W., (2002). Fear, disgust, and information processing in specific phobia: The application of signal detection theory. *Journal of Anxiety Disorders*, 14, 1-16.

Witte, K.L., Freund, J.S. & Csiki, I. (2002). Case-mixing effects on anagram solution. *The Journal of General Psychology*, 129, 117-126.

ARTICLES IN PROCEEDINGS OR NONREFEREED PUBLICATIONS:

Wittek, A., & Behrend, D. (2002). Children use novel verbs to determine an actor's intentions: Evidence from the behavioral reenactment task. In S. Kern (Ed.) *Proceedings of the Early Lexicon Acquisition Conference*. Lyon, France: Universite de Lyon.

RESEARCH REPORTS:

None

INVITED LECTURES:

Beike, D.R (2002). Coping with September 11 and gaining closure. Invited paper presented at the annual meeting of the American Psychological Society, New Orleans, LA.

Knowles, E.S. (2002 February). Omega Change Strategies: Increasing Compliance by Reducing Resistance. Invited address to the Attitudes Conference, Savannah, GA.

Schroeder, D.A. (2002 February). Justice and social control: Reactions to defections in social dilemmas. Colloquium presented to the Social Psychology Area, Department of Psychology, San Diego State University. (Invited).

CONTRIBUTED PAPERS:

Abraham, A., Witte, T., Mooney, M.A., & Petretic-Jackson, P. The Relation between Adolescent Dating History and Use of Dating Violence Paper presented at the 7th Victimization of Children & Youth: An International Research Conference, Portsmouth, NH.

Alwood, N., Odegard, T., Ferguson, J., & Lampinen, J. (2002). Qualitative differences between memories for perceived and imagined objects. Paper presented at the annual meeting of the Midwestern Psychological Association. Chicago, IL.

Baumann, B.D., & Knowles, E.S. (2002). From theory to practice: Prevention of dating violence and alcohol use among high-school students. Paper presented at the International Conference for Victimization of Children and Youth, Portsmouth, NH

Baumann, B.D., & Knowles, E.S. (2002). Dating violence and alcohol use among high-school students: A theoretical and applied prevention model. Paper presented at the International Conference for Victimization of Children and Youth, Portsmouth, NH.

Beike, D.R., & Wirth-Beaumont, E.T. (2002). The subjective characteristics of memories for open and closed events. Paper presented at the annual meeting of the American Psychological Society, New Orleans, LA.

Bering, J., Hernandez-Blasi, C., Bjorklund, D.F. (August, 2002). Children's beliefs about psychological continuity after death. Paper presented at the meeting of the International Society for the Study of Behavioural Development, Ottawa, Canada.

Blackshear, E.K., Malone, B., Snipes, A. & Lampinen, J.M. (2002). Give me a Break: List Demarcation and False Memories. Paper presented at the annual meeting of the Midwestern Psychological Association. Chicago, IL.

Callahan, K., Mooney, M.A., Petretic-Jackson, P. (2002, August). Adolescent Coping Responses to Dating Violence: Investigation of Gender Differences and Alcohol Use. In panel, A comprehensive Examination of Adolescent Dating Violence: Prevalence Rates, Perceptions, Coping Responses, and Prevention. Victimization of Children & Youth: An International Research Conference, Portsmouth, NH

Fiala, S., & Cavell, T.A. (2002, November). Effects of mentoring aggressive children on mentors. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy, Reno, NV.

- Fuendeling, J. & Britton, P. (2002 July). Relations among attachment and the varieties of empathy. Paper presented at the 11th International Conference on Personal Relationships, Halifax, Nova Scotia, Canada.
- Fuendeling, J. Lopez, F.G., Britton, P., Perdew, I. E., & Peacock, Mark M. (2002, August) Attachment Orientations and Interpersonal Problems: Implications for College Students' Help-Seeking. Paper presented at the convention of the American Psychological Association, Chicago, IL.
- Hamberger, L.K., Langhinrichsen-Rohling, J., Bonge, D., Witte, T., & Lohr, J.M. (2002, November). The clinical utility of an MCMI batterer typology. Paper presented at the 36th annual convention of the Association for Advancement of Behavior Therapy, Reno, NV.
- Jackson, J., Mooney, M.A. & Petretic-Jackson, P. The Justification of Violence: An Evaluation of Gender Differences Using an Adolescent Sample. Paper presented at the 7th Victimization of Children & Youth: An International Research Conference, Portsmouth, NH.
- Knowles, E. S., & Linn, J.A. (2002, October). Meaning making and the processes of self-description. Paper presented at the Society for Multivariate Experimental Psychology.
- Lampinen, J.M. & Odegard, T.N. (2002). Warnings can reduce memory conjunction errors. Paper presented at the convention of the Psychonomic Society. Kansas City, MO.
- Lampinen, J.M., Odegard, T.N. and Neuschatz, J.S. (2002). Warnings Can Reduce Memory Conjunction Errors: Implications for Dual Process Theories. Paper presented at the convention of the American Psychological Society, New Orleans, LA.
- Lampinen, J.M., Odegard, T.N., Blackshear, E.K. & Toglia, M.P. (2002). Phantom Recollection: Multinomial Modeling, Remember/Know judgments and ROC Estimates Compared. Paper presented at the convention of the Midwestern Psychological Association. Chicago, IL.
- Lampinen, J.M., Judges, D.P. & Odegard, T.N. (2002). Recommendations for Eyewitness Evidence Procedures: The View from the Street. Paper presented at the convention of the American Psychology Law Society, Austin, TX.
- Levine, W.H. (2002). The interaction of time shifts and goal structure in written narratives. Paper presented at the Twelfth Annual Meeting of the Society for Text and Discourse, Chicago, IL.
- Levine, W.H. (2002). Negated concepts interfere with anaphor resolution. Paper presented at the 42nd Annual Meeting of the Psychonomic Society, Kansas City, MO.
- Linn, J.A., & Knowles, E.S. (2002 May). Paradoxical Consequences of Acknowledging Resistance in Counter Attitudinal Persuasive Messages. Paper presented at the convention of Midwestern Psychological Association, Chicago.

- McDaniel, B.L., Hamilton, S.F., Elbert, A.N., Kleinknecht, E.E., & Lampinen, J.M. (2002). True and False Childhood Memories Distinguished by MCQ. Paper presented at the convention of the American Psychological Society. New Orleans LA.
- Meunier, S.A., Lohr, J.M., & Olatunji, B.O. (2002, November). Covariation bias for fearful and disgusting stimuli in Blood-Injury phobia. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.
- Meunier, S.A., Lohr, J.M., & Olatunji, B.O. (2002, November). Expectancy bias for fearful and disgusting stimuli in Blood-Injection-Injury phobia. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.
- Mooney, M.A. & Petretic-Jackson, P. (2002, August). Dating Violence in a High School Sample: Prevalence Rates and Effects of Violence Utilized. In panel, A Comprehensive Examination of Adolescent Dating Violence: Prevalence Rates, Perceptions, Coping Responses, and Prevention. Victimization of Children & Youth: An International Research Conference, Portsmouth, NH.
- Nugent, N.R., Fresco, D.M., & Williams, N.L. (November 2002) Association of cognitive flexibility to each other and to depression and anxiety. Poster presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Reno, NV.
- Odegard, T.N., & Lampinen, J.M. (2002). Memory Cognition Errors for Autobiographical Memories. Paper presented at the convention of the American Psychological Society, New Orleans, LA.
- Odegard, T.N., Lampinen, J.M., Lyons, M. & Benton, E. (2002). Warned Participants Commit Fewer Memory Conjunction Errors. Paper presented at the convention of the Midwestern Psychological Association. Chicago, IL.
- Olatunji, B.O., Lohr, J.M., & Meunier, S.A. (2002, June). Emotional mediators of homophobia: Implications for construct and psychometric validity. Paper presented at the 14th Annual Convention of the American Psychological Society, New Orleans, LA.
- Olatunji, B.O., Sawchuk, C.N., Meunier, S.A., & Lohr, J.M. (2002, May). Disgust domains in the prediction of contamination fear. Paper presented at the convention of the Midwestern Psychological Association, Chicago, IL.
- Olatunji, B.O., Sawchuk, C.N., Lohr, J.M., Meunier, S.A., & de Jong, P.J. (2002, November). Differentiating medical fears: The role of domain specific disgust elicitors. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.
- Olatunji, B.O., Sawchuk, C.N., Lohr, J.M., Meunier, S.A., & de Jong, P.J. (2002, November). The Disgust Scale and the Disgust Emotion Scale: Evidence for convergent and discriminant

validity. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.

Olatunji, B.O., Westendorf, D.H., Meunier, S.A., & Lohr, J.M. (2002, May). The facial expression of fear and disgust in specific phobia. Paper presented at the convention of the Midwestern Psychological Association, Chicago, IL.

Parker, L.M., Witte, T.H., & Lohr, J.M. (2002, November). Psychopathy and rape myth acceptance ad predicted by hypermasculinity. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.

Sawchuk, C.N., Olatunji, B.O., Lohr, J.M. (2002, November). The heterogeneity of medical fears: A regression analysis. Paper presented at the 36th Annual Convention of the Association for Advancement of Behavior Therapy, Reno, NV.

Secrest, L.A., Cavell, T.A., & Frick, P.J. (2002 April). Multidimensionality of parental monitoring. Paper presented at the Biennial Meeting of the Society for Research in Adolescence, New Orleans.

Scofield, J., & Behrend, D.A. (2002, March). Disambiguating the disambiguation effect. Paper presented at the International Conference on Infant Studies, Toronto, Ontario, Canada.

Steel, J., Schroeder, D.A., Woodell, A., & Bembenek, A. (2002, May). Social value orientation and preferences for “noisy” groups: “Hiding behind the trembling hand?” Paper presented at the convention of the Midwestern Psychological Association, Chicago.

Steinberg, L., & Knowles, E.S. (2002, October). Meaning making and the processes of self-description. Paper presented at the Society for Multivariate Experimental Psychology.

Stripling, J.S., & Gilmore, H.L. (2002 November). Potentiation at lateral olfactory tract synapses induced by high-frequency stimulation in vivo. Paper presented at the convention of the Society for Neuroscience, Orlando, Florida.

Weingartner, K.M., Guzman, A.E., Levine, W.H., & Klin, C.M. (2002). Predictive inferences with multiple consequences: Delayed but not lost. Paper presented at the convention of the Psychonomic Society, Kansas City, MO.

Wiley, E.S., Fiala, S., & Cavell, T.A. (2002 November). Parent and teacher reports of children’s sense of containment. Paper presented at the convention of the Association for the Advancement of Behavior Therapy, Reno, NV.

Williams, N.L. (November, 2002). A prospective investigation of vulnerabilities to depression: Cognitive style, dysfunctional attitudes, and coping. Symposium presented at the Annual Conference of the Association for Advancement of Behavioral Therapy, Reno, NV.

Williams, N.L., Riskind, J.H., & Joiner, T.E. (November, 2002). Why worry: Worry acts to mitigate the effects of cognitive vulnerability to anxiety on enhanced memory of threatening visual images.

Williams, N.L., Riskind, J.H., & Joiner, T.E. (November 2002). Cognitive vulnerability to a spectrum of anxiety symptoms. Paper presented at the Annual Conference of the Association for Advancement of Behavioral Therapy, Reno, NV.

Wirth-Beaumont, E.T., & Beike, D.R. (2002). Appraisal and coping mechanisms used to achieve closure on the 9/11 attacks. Paper presented at the annual meeting of the American Psychological Society, New Orleans, LA.

Witte, T.H., Parker, L.M., Peralta, L., Bynam, T., & Lohr, J.M. (2002 November). Measuring psychological abuse in a college population. Paper presented at the convention of the Association for Advancement of Behavior Therapy, Reno, NV.

Witte, T.H., Parker, L.M., Peralta, L., & Lohr, J.M. (2002, November). Perceptions of domestic violence. Paper presented at the convention of the Association for Advancement of Behavior Therapy, Reno, NV.

Witte, T., Mooney, M.A., & Petretic-Jackson, P. (2002, August). Attitudes Towards Dating Abuse among High School Students. In panel, A Comprehensive Examination of Adolescent Dating Violence: Prevalence Rates, Perceptions, Coping Responses, and Prevention. Victimization of Children & Youth: An International Research Conference, Portsmouth, NH.

Woodell, A., & Schroeder, D.A. (2002, May). Are all transgressor created equal?: The influence of group membership on retribution. Paper presented at the convention of the Midwestern Psychological Association, Chicago.

PLAYSCRIPTS AND COMPOSITIONS:

None

EXTERNAL GRANTS, CONTRACTS AND GIFTS:

Baumann, B., & Knowles, E.S. Alcohol Use and Violence: A High-School Prevention Model. National Institute on Alcohol Abuse and Alcoholism (Predoctoral National Research Student Award). Amount: \$20,000 for FY 2002; Total: \$40,000.00.

Beike, D. & Crone, T. (2002) . Unconscious Priming of a Self-Actualization Goal. , SURF/SILO. \$2650.

Clinical clerkship, University of Arkansas Counseling and Psychological Services. Amount: \$8300 (stipend for one clinical clerkship position).

Clinical clerkship, St. Edwards/HarborView Hospital, Ft. Smith, AR. Amount: \$30,000 (stipends for three clinical and research clerkship positions).

Clinical clerkship, The Schmeiding Center, Northwest Health System, Springdale, AR. Amount: \$9224 (stipend for one clinical clerkship position).

Clinical clerkship, Fayetteville Area Health Education Center, Fayetteville, AR. Amount: \$9000 (stipend for one clinical clerkship position).

Gilmore, H. & Stripling, J.S. Association fiber plasticity in olfactory cortex. National Research Service Award Pre-Doctoral Fellowship, National Institutes of Health. Amount of award: \$45900 for two years.

Keyton, J., Warren, R., Behrend, D., & Alexander, A. Children's Acquisition of Social Cooperation Skills from Televised Models (co-PI). Proposal submitted to NSF. \$221,473 requested (pending).

Knowles, E.S. (2002). Increasing compliance by reducing resistance. Two-year grant from the National Science Foundation. Amount: \$162000.

Knowles, E.S., & Steinberg, L. Meaning Making and the Processes of Self-Description. Grant proposal submitted to the National Science Foundation, July 2002. Total Requested = \$300,000 for three years. (pending)

Lampinen, J.M. (2002). Phantom ROC: The nature of Illusory Recollection. National Institutes of Health. \$553,536. (pending)

Lampinen, J.M. & Abell, E.E. (2002). The misinformation effect: Does need for closure affect false recollection? SILO/SURF: \$2587.50

Lampinen, J.M., & Cagle, K. (2002). The misinformation effect: Can it be explained by need for consistency? SILO/SURF. \$2287.50

Lampinen, J.M. & Lyons, M.A. (2002). After the party: Determining the influences of proximity and similarity on memory conjunction errors in autobiographical memories. SILO/SURF. \$2587.50

Levine, W. Comprehension of multidimensional narratives. National Institutes of Health B/START Grant. Amount requested: \$69,098 total costs for one year. (pending).

Murray, K. Stability of behavioral inhibition and parenting. National Institutes of Health Academic Research Enhancement Award Grant. Amount requested: \$100,000. (pending) School of Social Work

BOOKS:

Schriner, K., & Scotch, R.K. (2002). The ADA and the meaning of disability. In L. H. Krieger (Ed.), *Backlash against the Americans with Disabilities Act: Interdisciplinary perspectives*. Ann Arbor: University of Michigan.

Schriner, J. Invited Encyclopedia Entry. Harry Lurie's Contribution to North American Social Work. *Encyclopedia of Social Welfare History in North America*. Sage Publications. Completed May 2003. Anticipated publication 2003-04

Schriner, J. M. *Human Behavior and the Social Environment: Shifting Paradigms in Essential Knowledge for Social Work Practice*. 5th ed. Boston: Allyn and Bacon. Completed June 2003. Forthcoming fall 2003.

Schriner, J. M. (Ed.) (Fall 2002). *Journal of Baccalaureate Social Work*, 8, (1).

CHAPTERS:

Schriner, J. (Forthcoming fall 2003). The role of HBSE in developing multicultural theory for culturally competent practice. Book chapter. Alexandria, VA: Council on Social Work Education.

Raymer, M., & Reese, D. (2003). The history of social work in hospice. In Berzoff, J. (Ed.). *End of life care for social work*. New York: Columbia University Press

REFEREED ARTICLES:

Connor, S., Egan, K., Kwilosz, D., Larson, D., & Reese, D. (2002). Interdisciplinary approaches to assisting with end-of-life care and decision-making. *American Behavioral Scientist*, 46(3), 340-356.

Schriner, K., & Batavia, A.I. (2002). The Americans with Disabilities Act: Does it secure the fundamental right to vote? *Policy Studies Journal*, 29 (4), 663-673.

Batavia, A.I., & Schriner, K. (2002). The ADA as engine of social change: Models of disability and the potential of a civil rights approach. *Policy Studies Journal*, 29 (4), 690-702.

Schur, L., Shields, T., Kruse, D., & Schriner, K. (2002). Enabling democracy: Disability and voter turnout in the 1998 elections. *Political Research Quarterly*, 55, 167-190.

Schriner, K. (2002). The competence line in American suffrage law: A political analysis. *Disability Studies Quarterly*, 22 (2), 61-73.

NONREFEREED ARTICLES:

House, Glenda. (2002-2003), *MSW Field Manual*

House, Glenda. (2002-2003), Revision, BSW Student Handbook

Reese, D., & Sontag, M. (2002). Successful collaboration on the hospice team. *Hospice and Palliative Care Insights*.

Reese, D. (2003). Addressing barriers to African American access through collaboration with hospitals. *Hospice and Palliative Care Insights*, 1, 31-34.

Gardia, G., & Reese, D. (2003). Reflection and renewal: The role of social work in end-of-life care. *Hospice and Palliative Care Insights*, 1, 49-50.

Schriner, K. (2002, September-October). Disabled Vietnamese fight employment discrimination.

Schriner, K. (2002, September-October). New international website on making democracy accessible.

Schriner, K. (2002, April-May). Lesotho electoral commission prepares for voters with disabilities

Schriner, K. (2002, April-May). Disabled Peruvians “stand in” to protest presidential inaction

Schriner, K. (2002, April-May). Thailand court upholds ban on disabled judges

Schriner, K. (2002, April-May). Zimbabwe government calls disability “core development issue”

Schriner, K. (2002, April-May). Indian court orders schools to accommodate disabled children

Schriner, K. (2002, January-March). Disability Rights Advocates group expands internationally.

Schriner, K. (2002, January-March). Ghana’s disability community presses for national council.

Schriner, K. (2002, January-March). Protests force withdrawal of Irish disability bill.

Schriner, K. (2002, January-March). Disabled woman wins “ordinary” seat on Ugandan Council.

Schriner, K. (2002, January-March). Disabled Nigerian women call for anti-discrimination measures.

Schriner, K. (2002, January-March). Disability groups in Gambia press for human rights.

Schriner, K. (2002, January-March). U.S. State Department reports on rights of disabled people around the world.

Schriner, K. (2002, January-March). International disability and rehabilitation journals: A (relatively) brief review.

Reprinted in *Handicap: Revue de sciences humaines et sociales*, 2000, #93

Reprinted in Saudi Journal of Disability and Rehabilitation

Schriner, K. (2002, September-October). Indian state government sets disability quotas in top posts.

Schriner, K. (2002, September-October). Kenya government proposes new voting rules for disabled persons.

Schriner, K. (2002, June-August). South African leaders call for AIDS/HIV education for people with disabilities.

Schriner, K. (2002, June-August). Great Britain reviews Disability Discrimination Act.

Schriner, K. (2002, June-August). Japan enacts helper dog law.

Schriner, K. (2002, June-August). Female genital mutilation: Human rights issue in Africa.

Schriner, K. (2002, June-August). Vietnam assists children disabled by war.

Schriner, K. (2002, April-May). Kenyan MP calls for government disability department.

Steimla, B. (2002) School of Social Work Personnel Policy

INVITED LECTURES:

Reese, D. (2002, June). Spirituality of Bereaved Children. Paper presented at the IVE Conference, University of Arkansas School of Social Work, Fayetteville, AR. Paper in progress.

Reese, D. (2003, April), with Cheek, Foster, Glover, Hargrove, Hill, Jordan, Linebaugh, Melton, Miesner, and Patterson. Cultural Competence in Hospice and Palliative Care, University of Arkansas School of Social Work, Social Work Research Center, Fayetteville, AR.

Schriner, J. M. and Summers, A. B. Alternative Organization Theory: Implications for social work, globalization, and citizenship. International refereed paper. Presented at the 30th Bi-Annual Congress of the International Association of Schools of Social Work. Montpellier, France. July 2002.

OTHER LECTURES, PAPERS AND PRESENTATIONS:

King, J. (Fall 2002) Human Services workshop series – Ft. Smith, Arkansas (9 presentations)

King, J. Other presentations – Fall 2002 – Spring 2003 - 14 on social work topics

King, J. (Fall 2002) Arkansas Sociological and Anthropological Association Annual Meeting: "A Content Analysis: Identifying a religious Program from the Writings of the Founder" ; Little Rock, AR

King, J. (Fall 2002) Baccalaureate Program Directors Association Annual meeting – Pittsburg, PA – "A Model Guide for Developing a History of a Social Work Program";

King, J. (Spring 2003) Arkansas Chapter of NASW Annual Conference: " Death, Dying and Social Work"; Little Rock, Arkansas

Page, Zettie. December 2002 Keynote Speaker, University of Illinois Champagne/Urbana School of Social Work,

Page, Zettie. Spring 2003 Speaker: Black Graduate Students-University of Arkansas

Page, Zettie. June 2003 Facilitator-National Delta Funders Conference

Page, Zettie. Spring 2003, Facilitator-Conference on Social Work Research, Atlanta Georgia

Page, Zettie. June 2003 20th Annual Research Meeting,

Reese, D. (2003, January). Relationships among social work services and hospice outcomes: Results of the National Hospice Social Work Survey. Paper presented at the Seventh Annual Conference of the Society for Social Work and Research, Washington, D.C.

Reese, D. (2003, February). The Social Work Assessment Tool: Development and pilot results. Paper presented at the Council on Social Work Education, Annual Program Meeting, Atlanta, GA.

Reese, D. (2003, February). National Hospice Social Work Survey results: Impact of services on hospice outcomes. Paper presented at the Council on Social Work Education, Annual Program Meeting, Atlanta, GA.

Schriner, K. (March, 2002). Idiocy and insanity in American suffrage law: A political analysis. Invited presentation at the Annual Institute on Disability Studies, University of Hawaii, Honolulu, HA.

OTHER CREATIVE ENDEAVORS:

Working on inter campus and community collaborative to bring university and community expertise together to work on diverse and cultural issues affecting the disenfranchised and underserved members of the community

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Graduate Group 1 Faculty Status-Expand Academic Diversity

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Sociology and Criminal Justice

REFEREED PUBLICATIONS:

Adams

Mangold, William D., LuAnn G Bean, Douglas J. Adams, William A. Schwab and Scott M. Lynch. "Who Goes Who Stays: An Assessment of the Effect of a Freshman Mentoring and Unit Registration Program on College Persistence." *Journal of College Student Retention*. Volume (4)2, 107-134, 2002-2003.

Holyfield

Anna M. Zajicek, Al Lord, and Lori Holyfield. "The History of the Women's Movement in Northwest Arkansas, 1970 - present." *Arkansas Historical Quarterly*, Vol. LXII, No. 2 (2003): 1-27.

Lori Holyfield, Anna M. Zajicek, Jolanta Grotowska-Leder. "New Trends in Social Policy: Lessons from the 1996 Welfare Reform in the United States," *Journal of Social Policy*, No. 2(2003): 7-12 (Polish Title: Reforma Amerykanskiego Systemu Pomocy Społecznej dla Matek z Dziećmi w Latach 90).

Holyfield, Lori and Lilian Jonas. "From River God to Research Grunt: Identity, Emotions, and the River Guide." *Journal of Symbolic Interaction* (Vol. 26:2 forthcoming)

Huggins, Denise

Coghlan, Cathy and Denise W. Huggins. Fall 2003, "That's Not Fair!" A Simulation Exercise in Social Stratification and Structural Inequality." *Teaching Sociology*.

Williams, Jim L., Daniel G. Rodeheaver and Denise W. Huggins. Fall 2003. "Crime and Punishment in Russia and the United States: 1990-1996." *International Journal of Comparative and Applied Criminal Justice*, Vol. 27, Number 1.

Morgan

Morgan, Gordon "Continuing Challenge to DuBois." *AIM-America's Intercultural Magazine*, Volume 30, No. 2, (Summer 2003): 45-46

Schwab

2002 - (With William Mangold and others) "Who Goes Who Stays: An Assessment of the Effect of a Freshman Mentoring and Unit Registration Program on College Persistence." *The Journal of College Student Retention*. 2002, Volume 2 No2.

Yang

Yang, Song. 2003. "A Contextual Analysis of Organizational Commitment" *Sociological Focus*

Yang, Song. 2003. "A Contingent Impact of Company Job Training" *Research in the Sociology of Work*

Knoke, David and Song Yang. 2003. "Fatten Frogs for Snakes: Company Training Program" Research in the Sociology of Work

Zajicek

Anna M. Zajicek, Chris Shields, and Joel Wright. "Bringing the Body Back In: The Social Construction of Embodied Sexual Identities." The Journal of Social Thought and Research Vol. 24 (2002):237-268

Anna M. Zajicek. "Mapping the Effects of Race Discourse on the Anti-Racist Practices in a Women's Movement." Gender and Society, Vol. 16 No. 2 (2002): 155-174

Anna M. Zajicek, Al Lord, and Lori Holyfield. "The History of the Women's Movement in Northwest Arkansas, 1970 - present." Arkansas Historical Quarterly, Vol. LXII, No. 2(2003): 1-27.

Lori Holyfield, Anna M. Zajicek, Jolanta Grotowska-Leder. "New Trends in Social Policy: Lessons from the 1996 Welfare Reform in the United States," Journal of Social Policy, No. 2(2003): 7-12 (Polish Title: Reforma Amerykanskiego Systemu Pomocy Społecznej dla Matek z Dziećmi w Latach 90).

Anna Zajicek and Pat Koski, "Discourse, Marginalization, and Resistance: The Construction of the Single Self." Sociological Spectrum, Vol. 23(2003): 1-27.

Anna M. Zajicek, Edward K. Zajicek, Toni Calasanti, Jolanta Grotowska-Leder. "Old People, Poverty, and Social Policy in Poland in the 1990s" in Old and New Poverty in Post-Communist Europe, edited by Mara Bochenska-Seweryn and Jolanta Grotowska-Leder. Cracow: Jagiellonski University. (2003): 145-162.

NONREFEREED REPORTS:

Ferritor

Senior Author of the Jones Center Annual Report to Community Care Foundation.

Wrote the final report on the Volunteer Center grant from the Community Care Foundation for the Jones Center

Wrote the Jones Center Community Report Card report and presented it to citizen groups in Northwest Arkansas. Based on the findings of the Report Card – project developed the Jones Center Citizen Board

Huggins

Internet Jeopardy Game for the text Criminal Justice in Action, 2nd ed., by Gaines and Miller, 2002 – Wadsworth Publishing

Web Resources for the text Criminal Procedures, 6th Edition, by Del Carman (2003). Wadsworth Publishing

Schwab

Community Care Foundation of Northwest Arkansas. Community Indicator Study for NW Arkansas. Funded by the Benton and County United Ways (Presented to the joint boards on July 1, 2002).

Quarterly and annual reports with the United States Information Agency. The Association Liaison Office for University Cooperation in Development, Partners in Higher Education for International Development Program, Applying the Principles of Cultural Resource Management to Economic Development through Sustainable Tourism. (Presented October 1, 2002)

PAPERS PRESENTED:

Adams

Presentation on "Restorative Justice," at the Oklahoma Indian Missionary Conference, United Methodist Woman. July 11, 2002. Mount Sequoyah Retreat Center.

Ferritor

October 2002 - The Importance of Volunteers to a Community. Presented at the Arkansas Volunteers Directions Conference. Fayetteville, Arkansas. (Invited)

Holyfield

Lori Holyfield, Anna Zajicek, Denise Huggins, and Leslie Bracy. "Symbols of Love: Emotional Discourse, Consumption, and Blood Diamonds." Presented at the Couch-Stone Symposium, February 6-9, 2003

Huggins

2003 Annual Meeting of Couch-Stone Symposium (February 2003 Paper presented: "Symbols of Love: Emotional discourse, Blood Diamonds, and Consumption" Authors: Lori Holyfield, Anna Zajicek, Denise Huggins, and Leslie Bracy

Annual Meeting of the Academy of Criminal Justice Sciences (March 2003) Paper presented: "The Best Job in Town: Issues Surrounding Correctional Staff in Rural Female Prison Facilities."

Annual Meeting of the American Society of Criminology (November 2002) Panel Session Chair: Maneuvering the Intersections of Incarceration. Papers presented:

A Historical Examination of Texas Female Prisons: 1910 – 1905

Life on the Edge of Insanity: The Daily Lives of Female Inmates in Two Texas prisons

Morgan

Presented – "Black Hillbillies of the Arkansas Ozarks" at Arkansas Ozarks at North Arkansas Community College, Harrison

Read paper entitled, "Sociology of Whiteness: The New Course" at the Arkansas Sociological and Anthropological Association (September 2002).

Worden

2002 w/ John King, "A New Religious Community: The Founder's Statements." Paper presented at the Arkansas Sociological and Anthropological Association, Little Rock (October 4, 2002).

Yang

Yang, Song and George Wilson. 2003. "Investigating Company Training Practice from Organization Level of Perspective" American Sociological Association Annual Meeting in Atlanta August 16-19th 2003

Knocke, David and Song Yang. "General, Social, and Technical Skills in Company Training Programs." American Sociological Association Annual Meeting in Chicago August 16-19th 2002 Yang, Song. "The Contingent Impact of Occupation on Company Job Training." American Sociological Association Annual Meeting in Chicago August 16-19th 2002

Knocke, David, Song Yang, and Francisco J. Granados 2002 "Dynamics of Strategic Alliance Networks in the Global Information Sector, 1989-2000" European Group for Organizational Studies (EGOS) November 2002 Annual Conference at Barcelona, Spain.

Yang, Song. "The determinants of Company Job Training: Evidence from the 1996 National Organizations Survey." The 28th Annual Meeting for Mid-South Sociological Association in Memphis, Tennessee, October 16th to 19th, 2002.

Feldman-Savelsberg, Flavien T. Ndonko, and Song Yang. 2002. "Managing the Repertoire of Memory: Reproduction, Generation, and Social Networks in Cameroon." The 101st Annual Meeting of the American Anthropological Association from November 20th to 24th, 2002 at New Orleans, Louisiana.

Zajicek

Lori Holyfield, Anna Zajicek, Denise Huggins, and Leslie Bracy "Symbols of Love: Emotional Discourse, Blood Diamonds, and Consumption," presented at the Couch-Stone Symposium, Couch Stone Symposium,, Arizona State University, February 2003.

Joel Wright and Anna M. Zajicek. "The I in Desire: Situating Sexual Being Between the Body and Society," presented at the annual meetings of the American Sociological Association, Chicago August 18-21, 2002

SERVICE:

Adams

Society for the Study of Symbolic Interaction (SSSI) SSSI Coordinator for the American Sociological Association (ASA) Section on Crime, Law and Deviance
Member – Campus Council Distinguished Lecturers Committee, University of Arkansas 2002 thru 2004. Speakers: Spring 2002, Dr. Buzz Aldrin. Fall, 2002, Prime Minister Ehud Barak and Prime Minister Benazir Bhutto.
Member – Institutional Review Board, University of Arkansas 2002-2003

Ferritor

Trustee – Jones Center for Families

Board Member – HarBer Meadows

Board Member – United Way of Washington County

United Way Visions Strategic Planning

Chairman – American Heart Association Regional Board 2002

Vice President – Kids for Health Board

Charter Member – Mayor’s Citizen Advisory Committee – Fayetteville

Member of Roundtable – Northwest Arkansas Grantmaker Roundtable sponsored by WalMart Foundation and the Tyson Foundation

Member – Northwest Arkansas Community Foundation Advisory Board (a part of the Community Care Foundation)

Ozark Literacy Council Annual Auction auctioneer

Consultant – Citizens for a Quality Life planning committee

Board Member – Arkansas Advocates for Children and Families

Participated in the planning and proposal writing for two faculty positions requested from the Walton \$300M gift.

Lectured to Dr. Worden’s class on the role of the Chancellor

President – University Teaching Academy

Reviewer – national office of Phi Beta Delta in selecting outstanding faculty and students in international education.

Presented the first of the “Not So New Faculty” luncheon presentations sponsored by the Teaching and Faculty Support Center

Director - Family Community Institute

Holyfield

Committee on Mid-South Book Award, Mid-South Sociological Association

(Duplicate of above ???) Nominations Committee, Mid-South Sociological Association (regional)

Editorial Board Sociological Spectrum, Journal for the Mid-South Sociological Association 1997 to present

Editorial Board, Sociological Inquiry, Journal of Alpha Kappa Delta, Sociology Honors Society.

Appointed 2001 to present (regional)

Honors Society 2001 to present

Blumer Award Committee, SSSI (Society for the Study of Symbolic Interaction)

Member – Faculty Senate

Chair – Undergraduate Committee – departmental

Silo/Surf Award Committee, 2002 (state)

Patnoe

Member – Northwest Arkansas Community College, Criminal Justice Advisory Board

Member – Student Relations Committee

Member – RASSCCS

Chair - Faculty Panel, Complaint Procedures for Undergraduates

Member – Campus Council on Student Relations

Member – Emergency Preparedness Committee
Member – Native American Project Committee

Schwab

Reviewer, U.S. Department of Housing and Urban Development, Community Work-Study Program (CDWSP), The Office of University Partnerships (OUP), Washington, D.C. Reviewed, critiqued and scored the year 2002 round of funding.

Reviewer for the Journal of Urban Affairs.

Member – University Steering Committee, Ph.D. Program in Public Policy Institutional Representative – Inter-University Consortium for Political and Social Research

Advisory Board, Mack-Blackwell Transportation Center

Consultant and Grant Writer – ArDen Foundation of Northwest Arkansas. ArDen Foundation is a non-profit organization providing services to HIV infected persons in Northwest Arkansas

Worden

Reviewer – Sociological Spectrum, Journal of Deviant Behavior, Symbolic Interaction

Reviewer – Journal of Deviant Behavior

Reviewer – Journal of Contemporary Ethnography

Member – St. Joseph's Catholic Church Social Justice Commission

Zajicek

Reviewer – The Journal of Social Thought and Research, 2001 – present

2003 - Reviewer – Women's Studies International Forum

2003 - Reviewer – American Sociological Review

Member – Institutional Review Board. 2000 – present

Sam M. Walton College of Business

BOOKS:

Doke, Reed, William Satzinger, and David Douglas, Object-Oriented Applications Development Using VB .NET, Course Technology 2003, ISBN: 0-619-15934-0, 2003, 750 pages.

Kurtz, David and Louis E. Boone, Contemporary Business – 2003, South-Western, Mason, Ohio, 2003, 739 pages.

Kurtz, David and Louis E. Boone, Contemporary Marketing 2002, Harcourt. Fort-Worth, TX, 2002, 619 pages.

Kurtz, David, Louis E. Boone, and Douglas Hearth, Planning Your Personal Financial Future, 3rd Ed. Southwestern, Mason, Ohio, 2003, 519 pages.

Pincus, Karen V., Core Concepts of Accounting Information Planning Guide, 2002-2004 edition (4e), The McGraw-Hill Companies, Inc., 2002, 487 pages.

Pincus, Karen V., Core Concepts of Accounting Information Theme I: The Users/Uses of Accounting Information, 2002-2003 edition (9e), The McGraw-Hill Companies, Inc., 2002, 615 pages.

Pincus, Karen V., Core Concepts of Accounting Information Theme I Instructor's Notes, 2002-2003 edition (9e), Irwin McGraw-Hill, Inc., 2002, 430 pages.

Pincus, Karen V., Core Concepts of Accounting Information Theme II: Accounting Issues Involving Income and Cash Flows, 2002-2003 edition (9e), The McGraw-Hill Companies, Inc., 2002, 391 pages.

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Anderson, G.B. (2002, September). Expanding opportunities and access for deaf Arkansans. Paper presented at Deaf Awareness Month Program. Conway, AR: Hendrix College.

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- Graening, J. (2003, February). The influence of Negro baseball outside the official Negro leagues on current major league baseball. Houston, TX: National Association of African American Studies Conference.
- Hammons, J.O. (2002, October). T+I+P=0 or T+I+P=T. Southern Region Teaching Symposium, Dale Bumpers College of Agriculture, Food, and Life Sciences.
- Hammons, J.O. (2002, November). Grading your grading system. Oxford, OH: 21st Annual Lilly Conference on College Teaching.
- Hammons, J.O. (2002, November). Myths and misconceptions about student ratings. Oxford, OH: 21st Annual Lilly Conference on College Teaching.
- Helmer, D. & Toner, M.A., (2002, November). A model of group reading instruction for language impaired children. Atlanta, GA: American Speech-Language-Hearing Association National Convention.
- Helmer, D. & Toner, M.A., (2002, July). A model of group reading instruction for language impaired children. Nashville, TN: ASHA Schools Conference.
- Hughes, M. (2002, November). Rural school and community trust. Nebraska City, Nebraska: Rural School Finance Conference.
- Imbeau, M.B. (2002, July). Classroom management and differentiation: Suggestions for the elementary classroom. Storrs, CT: University of Connecticut, Confratute Strand Course.

Imbeau, M.B. (2002, July). Instructional strategies for academically diverse learners: A look at differentiation. Ft. Worth, TX: Ft. Worth Independent School District.

Imbeau, M.B. (2002, August). Designing rubrics. Fort Worth, TX: Fort Worth Independent School District.

Imbeau, M.B. (2002, August). Developing interest development centers. Fort Worth, TX: Fort Worth Independent School District.

Imbeau, M.B. (2002, August). Instructional strategies for academically diverse learners: A look at differentiation. Charleston, IL: Beginning Teacher Symposium, Eastern Illinois University.

Imbeau, M.B. (2002, August). Meeting the needs of diverse learners with differentiated instruction. Annapolis, MD: Leadership Conference of Anne Arundel County Public Schools.

Imbeau, M.B. (2002, August). Instructional strategies for academically diverse learners: A look at differentiation. Far Hills, NJ: Far Hills Country Day School.

Imbeau, M.B. & McGee, C.D. (2002, September, October, November). Meeting the needs of diverse learners with differentiated instruction. Fort Worth, TX: Middle School Cadre of Fort Worth Independent School District.

Imbeau, M.B. (2002, October). Responding to the needs of the advanced learner: Differentiating instruction in the elementary classroom. Jackson, WY: Teton Educator's Symposium "Appreciate Diversity", Teton County School District.

Imbeau, M.B. (2002, October). Meeting the social and emotional needs of gifted. Fort Worth, TX: Fort Worth Independent School District. Channahon, IL: Channahon School District #17.

Imbeau, M.B. (2002, October). Instructional strategies for academically diverse learners: A look at differentiation. Modesto, CA: Modesto Unified School District English Language Learner Conference. Yorktown Heights, NY: Putnam Northern Westchester BOCES.

Imbeau, M.B. & McGee, C.D. (2002, November, December). Understanding by design: Creating quality curriculum for the middle school. Fort Worth, TX: Middle School Cadre of Fort Worth Independent School District.

Langsner, S. J. (2003, April). Processing experience to enhance personal growth and development in program participants. Fayetteville, AR: Lake Wedington Challenge Course Facilitator Training.

Langsner, S. J., & Morris, D. (2003, March). Leisure satisfaction, stress, and stress related outcomes. Arkansas Therapeutic Recreation Society Annual Conference, Hot Springs, AR.

- Latz, R., Busenbark, J., & Boone, S.E. (2002, October). Video remote interpreting and CART: A technology project to improve job access opportunities. Orlando, FL: National Conference of the Association for Late-Deafened Adults.
- McGee, C.D. (2002, October). Differentiated instruction: Meeting all children's needs. Workshop presented at Fort Worth Independent School District.
- McGee, C.D., & Imbeau, M.B. (2002, October). Curriculum concepts. Workshop presented at Fort Worth Independent School District.
- McGee, C.D., & Imbeau, M. (2002, December). What are the concepts? Workshop presented at Fort Worth Independent School District.
- Meadows, C. (2002, October). The role of a nurse practitioner. Arkansas Student Nurses Association Annual Meeting.
- Meadows, C. (2002, November). Basic suturing techniques. UAMS College of Nursing MSN Program for FNP.
- Meadows, C. (2002, October). Blood-borne pathogens. Annual Meeting of Tyson's Occupational Health Nurses.
- Meadows, C. (2003, February). Auscultating heart and lungs. UA Men's Athletic Department.
- Miller, K.R., Paris, D.G., Cartwright, A., & LaBrosse, D. (2003, April). Culturally appropriate outreach and transition methods for American Indians and Alaska Natives who are deaf, deaf-blind or hard of hearing. Seattle, WA: Western Symposium on Rehabilitation and the Deaf.
- Miller, K.R., & Paris, D.G. (2003, April). Providing ADA accommodations to incarcerated deaf persons: Breaking down barriers to reintegration. Seattle, WA: Western Symposium on Rehabilitation and the Deaf.
- Nafukho, F. M., Thompson, D., & Brooks, C. (2003, February, March). Factors predicting success in a distance learning undergraduate HRD degree program. Presented at the Academy of Human Resource Development Annual Research Conference, Minnesota.
- Nafukho, F. M., Hairston, N., & Brooks, C. (2003, February, March). Human capital theory, HRD and economic growth. Presented at the Academy of Human Resource Development Annual Research Conference, Minnesota.
- Nafukho, F. M., Kang'ethe, S., & Lutta-Mukhebi, M.C. (2003, February, March). Challenges of innovative training techniques: The experience of moi university college of health sciences, kenya. Presented at the Academy of Human Resource Development Annual Research Conference, Minnesota.

Nafukho, F. M., & Khayesi M. (2002). Livelihood, conditions of work, regulation and road safety in the small-scale public transport sector. Presented at the 10th World Conference of the Association of Cooperation for the Continuing Development of Urban and Suburban Transport, Lome' Togo.

Neighbors, M., & Barta, K. (2003, June). The school nurse summer institute: A Model for leadership development for school nurses. Cincinnati, OH: NASN Annual Conference.

Newgent, R. (2002, August). Recognizing and dealing with teen mental health issues. Fayetteville, AR: Fayetteville School District.

Newgent, R. (2002, August). The suicidal teen. Fayetteville, AR: Fayetteville School District.

Ritter, G.W. (2002, August). Findings from the summer 2002 annual Benchmark report on schools in Northwest Arkansas. Bentonville, AR: Northwest Arkansas Council.

Ritter, G.W. (2002, July) . Systematic review of volunteer tutoring programs: What more can we learn through additional search and analysis? Baltimore, MD: Mid-Stream Review of the Campbell Collaboration Test Bed Project.

Roessler, R. (2002, October). Employment and multiple sclerosis: Results of a national survey. Indianapolis, IN: National Rehabilitation Association.

Roland, C. (2002). Group activities in teaching. Eureka Springs, AR: Teaching and Faculty Support Center Teaching Retreat.

Roland, C. (2002, November). Assisting sexually offending youth: The strength of the family in the therapeutic connection. Fayetteville, AR: Piney Ridge Adolescent Center.

Schroedel, J., Conway, P., & Kelley, C. (2003, April). Enhancing VR and campus services for hard of hearing students in post-high school career preparation programs. Washington, DC: VR Connections conference, Gallaudet University.

Schroedel, J., Kelley, C., & Conway, P. (2003, April). Reaching the "invisible population:" Enhancing vocational rehabilitation and disability support services to hard of hearing college students. Seattle, Washington: Western Symposium on Rehabilitation and Deafness.

Schroedel, J., Kelley, C., & Conway, P. (2002, July). Collaborative techniques for enhancing services to "invisible" hard of hearing college students. Washington, DC: Association on Disability and Higher Education.

Schroedel, J., Kelley, C., & Conway, P. (2002, October). Improving VR and on-campus services to hard of hearing college students: A public forum. Lexington, KY: Southeast Regional Institute on Deafness.

Schroedel, J., Watson, D., Ashmore, D., & Rodriguez, R. (2003, April). The National Research Agenda for the postsecondary career training of students with hearing loss: A forum for service professionals. Paper presented at the Seattle, Washington: Western Symposium on Rehabilitation and Deafness.

Shadden, B. B., Edwards, M.F., Toner, M.A., McGehee, Yates, A., & Hughes, J. (2002, November). Freshman athlete academic success: What are key predictors? Atlanta, GA: American Speech-Language-Hearing Association National Convention.

Smith-Blair, N. (2003). Dobutamine effect on diaphragm fatigue. Manchester, England: Royal College of Nursing International Conference. Orlando, FL. Southern Nursing Research Society Annual Meeting. Fayetteville, AR: Annual Nursing Research Conference.

Thompson, D., Brooks, K., & Lizarraga, E. (2002) Evaluation of a human resource development program. Honolulu, Hawaii: Academy of Human Resource Development International Research Conference.

Thompson, D., Dwyer, J., Orr, B., & Thompson, C. (2002) Evolution of an advising center: isolation to learning centers. Bath, England.

Thompson, D., Grover, K., Orr, B., & Thompson, C. (2002) Examining perceptions of students' first-year experience at the University of Arkansas. International Conference on the First-year Experience, Bath, England.

Thompson, D., Orr, B., & Thompson C. (2002). A systematic evaluation process used throughout a vocational teacher preparation program. Paper presented at the Ninth International Literacy and Education Research Network Conference on Learning.

Thompson, D., Orr, B., & Thompson, C. (2002) Vocational teachers' satisfaction with advising student organizations. Ninth Learning Conference, Beijing, China.

Thompson, D., Orr, B., & Thompson, C. (2002). A systematic evaluation process used throughout a vocational teacher preparation program. Ninth Learning Conference, Beijing, China.

Thompson, D., Orr, B., & Thompson C. (2002). Vocational teachers' satisfaction with advising student organizations. Paper presented at the Ninth International Literacy and Education Research Network Conference on Learning, Beijing, China.

Thompson, D. E., Dwyer, J. K., Grover, K., & Thompson, C. (2002). Evolution of an advising center: Isolation to learning centers. International Conference on The First-Year Experience, London, England.

Toner, M.A., & Edwards, M.F. (2002, November). Are we ready for reading: Perceptions of training and responsibilities. Paper presented at American Speech-Language-Hearing Association National Convention, Atlanta, GA.

Toner, M. A., & Edwards, M.F. (2002, July). Professional preparation for reading intervention. Paper presented at ASHA Schools Conference, Nashville, TN.

Turner, L. W., Perry, B. A., Bleeker, J., Hunt, S., & Wallace L. S. (2003). Determinants of bone mineral density among middle-aged women. American Academy of Health Behavior Annual Conference, St. Augustine, FL.

Turner, L. W., Perry, B. A., Gray, A., DiBrezzo, R., & Hunt, S. (2002, November). Development, implementation and evaluation of an osteoporosis prevention outreach program for middle-aged women. American Public Health Association Annual Conference, Philadelphia, PA.

Turner, L. W. (2003). The role of diet in osteoporosis prevention. University of Arkansas Medical Sciences, Nutrition Department, Little Rock, AR.

Wheeler-Scruggs, K., Boone, S.E., & Conway, P. (2002, October). Enhancing service delivery to persons who are low-functioning deaf. Paper presented at the Southeast Regional Institute on Deafness, Lexington, KY.

Wheeler-Scruggs, K. (2002, November). Working with women who have disabilities. Paper presented at the meeting of Arkansas Counseling Association. Hot Springs, AR.

Young, M. (2002). The keep a clear mind drug education program, presentation/training workshop. Sponsored by Share the Vision Prevention Conference, Charleston, WV.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Adams-Jones, R., Roberts, T., Gilbert, R., & Eilers, L. (2003, April). Louisiana LINCS. Poster session presented at the annual meeting of the National Council of Teachers of Mathematics, San Antonio, TX.

Balkin, R., Swartz, J.D., Buckner, D., & Rao, S. (2003, April). A case study of the classroom management practices observed in a distance education, masters level, research/statistics class. Annual Meeting of the American Educational Research Association, Chicago, IL.

Balkin, R., Zozone, M., & Mulvenon, S. (2002). Educational finance reform: A new methodological approach to evaluate school funding. Annual Meeting of the Southwest Educational Research Association, Austin, TX.

Bayyari, W., Begum, H., & Young, M. (2002). Attitudes of Muslims living in the United States toward selected topics in school based sexuality education. Presentation at the Society for the Scientific Study of Sexuality, Montreal, Canada.

Bleeker, J., Morris, D., & Young, M. (2002). Losing your teaching virginity. The Society for the Scientific Study of Sexuality Annual Conference, Montreal, QC, Canada.

Bonacci, J. (2002). Seven habits of a highly effective person. Oral presentation, Arkansas Athletic Trainer's Association State Meeting, Conway, AR.

Brescia, W. (2002). Students perceptions of learning in a web-based tutorial, ERIC. Paper originally presented at MSERA, Little Rock, AR.

Brescia, W., & Boleland, K. (2002, November). Improving graduate students performance as discussion leaders. Presented at Association for Research on Nonprofit Organizations and Voluntary Action. Montreal, Canada.

Brescia, W., Swartz, J., Pearman, C., Williams, J. D., & Balkin, R. (2002, November). Undergraduate students as threaded discussion leaders. Presented at Mid-South Educational Research Association. Chattanooga, TN.

Brescia, W., Swartz, J. D., Balkin, R., Pearman, C., & Williams, J. D. (2003, April). Peer teaching in web based threaded discussions. Annual Meeting of the American Educational Research Association, Chicago, IL.

Brinkman, M., Denny, G., & Young, M. (2003). Sexual satisfaction among penile prosthesis patients. American Academy of Health Behavior, St. Augustine, FL.

Brown, B., Gorman, D., DiBrezza, R., Fort, I., & Cho, H.K. (2003, May). Variability in explosive power and effects of stature during the aging process. American College of Sports Medicine annual meeting, San Francisco, CA.

Chase, M. A., Lirgg, C. D., & Sakelos, T. J. (2003). Teacher efficacy and effective teaching behaviors in physical education. Paper presented at AAHPERD meeting, Philadelphia, PA.

Chávez, A., Ellis, S., Flores, G.A., Mallory, S., Pena, Y., & Sanders, S. (2002). Women in student affairs: Intentionally renewing our personal and professional lives. National Association of Student Personnel Administrators National Conference.

Cook, D.W., Bolton, B., & Roberts, W. (2002). Subjective quality of life: Current status and change twenty-five years later. Poster Presentation to The American Association of Spinal Cord Injury Psychologists and Social Workers meeting at Las Vegas, NV.

Daniels, D., & Hagstrom, F. (2002, November). Black men who stutter: A qualitative analysis of interview narratives. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.

Dasovick, M.O., Murdick, N., & Gartin, B.C. (2003, February). Research on rare syndromes that result in mental retardation: Its impact in the classroom. Poster presented at the 8th International Conference on Cognitive Disabilities/Mental Retardation Conference on Disabilities. Kauai, HI.

Dasovick, M.O., Murdick, N., & Gartin, B.C. (2003, February). Research on rare syndromes that result in mental retardation: Its impact in the classroom. Poster presented at the 19th Annual Pacific Rim Conference on Disabilities, Waikiki, HI.

Dasovick, M.O., Murdick, N., & Gartin, B.C. (2003, May). Research on rare syndromes that result in mental retardation: Its impact in the classroom. Poster presented at the 127th Annual Meeting of the American Association on Mental Retardation, Chicago, IL.

Di Brezzo, R., & Fort, I. L. (2003). Ethel does menopause: Alternative exercise approaches. American Alliance for Health. Physical Education, Recreation, and Dance, Annual Meeting, Philadelphia, PA.

Di Brezzo, R., Shadden, B., & Fort, I. L. (2003). PUSH: Workshop for leaders of senior exercise programs. Jones Center, Springdale, AR.

Di Brezzo, R. (2003). Why weight: Strength training for seniors. Satellite presentation beamed Arkansas state-wide from AHEC, Fayetteville.

Digby, Annette, Avani, N., Lefever-Davis, S., Clark, Margaret, & Bruni, J. (2002). Unit assessment systems: An analysis of two models for determining effectiveness of teacher preparation programs. Paper presented at the 54th Annual Meeting of the American Association of Colleges for Teacher Education, New York City, NY.

Echols, V., Klamm, M., Moody, J., & Bonacci, J. . (2002). Dreaded blackline fracture leading to a tibial infection: Student case study presentation. Arkansas Athletic Trainer's Association State Meeting, Conway, AR.

Edmonston, C. (2002, September). Classroom technology. HKRD Faculty and Staff, University of Arkansas, Fayetteville, AR.

Edmonston, C. (2002). IMRS renovation projects. IMRS Advisory Committee, University of Arkansas, Fayetteville, AR.

Edmonston, C. (2002). IMRS renovation projects. COE/HP Fund Campaign Board, University of Arkansas, Fayetteville, AR.

Edmonston, C. (2003). Retention incentives for NYSP enrollees. National Youth Sports Program Workshop, Orlando, FL.

Eilers, L., & Lincoln, F., (2003, May). Making a difference with multicultural literature. Oral Presentation at the 48th Annual Convention of the International Reading Association, Orlando, FL.

Eilers, L., Morrow, L., McGee, C., Sullivan, E., Colbert, J., & Doshier, M. (2003, March). Reflecting ten years as partners in teacher preparation. Oral presentation at the annual Professional Development Schools National Conference, Orlando, FL.

Ferguson, R., Mullikin, T., & Riggs, C. (2003). The Effects of strength training and instruction on throwing performance in children. Southern District of the American Alliance for Health, Physical Education, Recreation and Dance Research Section, Savannah, GA.

Ferguson, R. H., Lirgg, C. D., Smith, C. D., Brunen, K., & Clark, K. (2003). Physical self-perceptions of college students in selected physical activity classes. Paper presented at AAHPERD meeting, Philadelphia, PA.

Ferguson, R. H., Mullikin, T., & Riggs, C. (2002). Practice without instruction: The effect on throwing performance in 4th and 5th grade students. Poster presented at the annual meeting of the Arkansas Association of Health, Physical Education, Recreation, and Dance, Russellville, AR.

Goldfarb, E., Donnelly, J., & Young, M. (2003, March). Middle school students' perspectives on sexual behavior. American Academy of Health Behavior, St. Augustine, FL.

Gorman D. (2002). Creative movement activities for children with disabilities. 7th Annual Tri-States Therapeutic Recreation Consortium, Fayetteville, AR.

Hagstrom, F., & Pulnik, P. (2002, November). Using mediated action analysis for bilingual assessment. Poster session presented at the annual meeting of the American Speech-Language-Hearing Association (ASHA), Atlanta, GA.

Holt, C.R., Barta, K., Neighbors, M., & Smith, R.M. (2002, August). The perception of the school nurse's role by school nurses and superintendents. Paper presented at the 56th Annual Summer Conference of the National Council of Professors of Educational Administration in Burlington, VT.

Horn, J., & Jackson, B. (2002). Preparation to be a professional in recreation. Region I Conference NIRSA Conference, University of Vermont.

Hughes, J., & Moiseichik, M. (2003). Legal issues of extreme sports. Society for the Study of Legal Aspects of Sport and Physical Activity, Atlanta, GA.

Hughes, J., & Moiseichik, M. (2003, February). Out of the four-wall box: Creating a social science laboratory. Society for Park and Recreation Educators, Stillwater, OK.

- Hughes, J., & Moiseichik, M. (2003, February). Setting up a learning/research laboratory. Society for Park and Recreation Educators, Stillwater, OK.
- Hughes, J., & Moiseichik, M. (2003, March). The legal issues of the next generation of sports. Society for the Study of Legal Aspects of Sport and Physical Activity, Atlanta, Georgia.
- Imbeau, M.B., & Robinson, A. (2002, November). NCATE standards as gifted education: Is there a match? Presentation at the annual meeting of the National Association for Gifted Children (NAGC), Denver, CO.
- Imbeau, M.B., & Westberg, K.L. (2002, November). Guiding successful independent investigations. Presentation at the annual meeting of the National Association for Gifted Children (NAGC), Denver, CO.
- Jones, C., Chaney, D., Ford, A., Bass, M., & Williams, D. (2003, March). Is environmental health emphasized at the graduate level in programs of public health and health education? American Alliance for Health Physical Education, Recreation, and Dance National Convention, Philadelphia, PA.
- Jones, C. (2003, March). Measuring the effectiveness of child safety seat checkups to increase knowledge and self efficacy of parents and caregivers. American Academy of Health Behavior Scientific Meeting III; St. Augustine, FL.
- Kern, J. C., & Calleja, P. (2003, January). Teacher satisfaction within a school partnership. Presented at the National Association of Physical Education in Higher Education (NAPEHE) Annual Conference, Long Beach, CA.
- Kern, J. C., Calleja, P., McAfee, H., & Dewlen, R. (2002). Student teaching experiences in the State of Arkansas. Presented at the Arkansas Association for Health, Physical Education, Recreation, and Dance Conference. Russellville, AR.
- Kern, J. C., & Calleja, P. (2002). Collaborative mentoring. Presented at the Southeastern Regional Association of Teacher Educators (SRATE) Conference, Hot Springs, AR.
- Kerr, B., Miller, W., Kern, J., & Kaczynski, T. (2003). The determinants of public school quality in the state of Arkansas: A time series analysis. Presented at the Arkansas Political Science Conference, Conway, AR.
- Kirkpatrick, L. (2003, February). Promoting best practice: Preparing teachers who systematically reflect on teaching and learning. Annual Meeting of Association of Teacher Educators, Jacksonville, FL.
- Kirkpatrick, L., Kirkpatrick, R., & Burt, E. (2002, August). Neurofeedback training for children with attention deficit/hyperactivity disorder and other special needs. Arkansas Special Education Conference, Little Rock, AR.

Kirkpatrick, L., Kirkpatrick, R., & Burt, E. (2002, August). Neurofeedback training: Its uses with ADD/ADHD children. The Delta Kappa Gamma Society International Convention, Little Rock, AR.

Kirkpatrick, L., & Riggs, S. (2003, May). Tapping a new resource: M.A.T. interns serving as literacy consultants. Annual Convention of International Reading Association, Orlando, FL.

Knickerbocker, C., Dover, J., Young, M., & Reh, L. (2003). Community support for a ban on smoking in public buildings. American Alliance for Health, Physical Education, Recreation, and Dance, Research Consortium, Philadelphia, PA.

Lefever-Davis, S., Digby, A., Morrow, L., & Avani, N. (2002). Mentoring from all sides: Exploring the nature and implications of the various mentoring relationships in a school/university partnership setting. Presented at Association of Teacher Educators annual conference. Denver, CO.

Lefever-Davis, S., Pearman, C., & Leslie, K. (2002). Using multicultural literature to promote culturally responsive classrooms for today's students. Presented at Southeast Regional Association of Teacher Educators Annual Conference.

Lucas, C. (2002). Review of Wayne Urban and Jennings Wagoner, *American Education, A History* (rev ed.). McGraw-Hill.

Mallory, S, Donovan, J., Pena, Y., Secuban, G., & Wolf-Wendel, L. (2002). Women in student affairs. National Association of Student Personnel Administrators, Regional Conference, Kansas City, Missouri.

Mantooth, A., Barlow, F., Mulvenon, S., & Ang, S. (2002). Mixed-signal/telecommunications curriculum development and Internet delivery. Proceedings of the American Society for Engineering Education Annual Conference & Exposition, Montreal, Quebec.

Martin, D. E., Shinnen, H. N., Johnson, K. E., & Riggs, C. E. (2003, May). Changes in muscle function induced by high and low intensity exercise in vldc deficient female mice. FACSME, American College of Sports Medicine Annual Meeting, San Francisco, CA.

McGee, C.D. (2002, November). Curriculum units using "backward design" and differentiated instruction. Paper presented at the meeting of the National Association for Gifted Children, Denver, CO.

Miller, K.R. (2002). National Institute on Disability Rehabilitation Research (NIDRR) grant award of \$50,000.00 to coordinate development of materials to improve outreach to American Indians and Alaskans who are deaf or hard of hearing.

Morris, D., Bleeker, J., & Young, M. (2002). Correlates of drug use and intended use among fifth grade students. Presentation at AAHPERD, San Diego, CA.

Morrow, L. (2002, November). Performance assessment in a middle level master of arts in teaching program. Paper presented at the 49th Annual Southeastern Regional Association of Teacher Educators Conference (SRATE), Hot Springs, AR.

Morrow, L. (2002, November). Connecting boys with books: Real men are readers. Arkansas Reading Association Fall Conference, Little Rock, AR.

Morrow, L. (2003, February). Performance based assessment of interns in a middle level master of arts in teaching program. Paper presented at the annual meeting of the 83rd Annual Meeting of the Association of Teacher Educators (ATE), Jacksonville, FL.

Morrow, L., Lincoln, F. & Lefever-Davis, S. (2002). From emergent to adolescent literacy: Supporting readers who struggle. Presented at International Reading Association Annual Conference. San Francisco, CA.

Mulvenon, S., Ritter, G., & Stegman, C. (2003, April). Test anxiety: A multifaceted study on the perceptions of teachers, principals, counselors, students, and parents. Presented at the Annual Conference of the American Educational Research Association, Chicago, IL.

Mulvenon, S.W., Stegman, C., & Ritter, G.W. (2003, April). Diverse perspectives on test anxiety for elementary students: What do students, teachers, and parents report? Presented at the annual meeting of the American Educational Research Association, Chicago, IL.

Mulvenon, S., & Turner, R. (2002). Assessing the impact of systemic initiative programs: Modeling best practices for data collection, analysis, and dissemination of results from educational research. Systemic Research Incorporated, National Science Foundation Systemic Initiatives Study Forum.

Mulvenon, S., Turner, R., & Stegman, C. (2002). Measuring performance honors: Technical manual. Completed for the Arkansas Department of Education.

Mulvenon, S., Turner, R., & Thorn, A. (2002). Statewide systemic initiatives: Modeling best practices for data collection and dissemination. The proceedings for the National Science Foundation Conference on Closing the Achievement Gap for Urban Students Proceedings, Orlando, FL.

Murdick, N.L., Gartin, B.C., Shore, P., & Chittooran, M.A. (2003, February). Cross-cultural comparison of the concept of otherness and its impact on persons with disabilities. Paper presented at the 8th International Conference on Cognitive Disabilities/Mental Retardation Conference on Disabilities. Kauai, HI.

Murdick, N.L., Gartin, B.C., Shore, P., & Chittooran, M.A. (2003, February). Cross-cultural comparison of the concept of otherness and its impact on persons with disabilities. Paper presented at the 19th Annual Pacific Rim Conference on Disabilities, Waikiki, HI.

- Paladino, D., & Newgent, R. (2002, November). EMDR as a treatment option for nontraumatic phobia. Arkansas Counseling Association 2002 Annual Conference, Hot Springs, AR.
- Powers, M. D., & Dwyer, J. K. (2003). Advising in Arkansas: Developing a research agenda. Arkansas Academic Advising Network (ARKAAN) Annual Conference, Conway, AR.
- Rheineck, J., & Newgent, R. (2002, November). Resolving ethical dilemmas utilizing Kitchener's ethical decision making model. Arkansas Counseling Association 2002 Annual Conference, Hot Springs, AR.
- Riggs, C. (2003, May). Cell and animal models for studying pathogenesis and pathophysiology: What can we learn from mouse models? ACAD Workshop/Symposium, Aarhus, Denmark.
- Riggs, S., & Cronan, T. (2002). Swinging with hotter vocabulary instruction. Presentation at the annual meeting of the Arkansas Reading Association, Little Rock, AR.
- Ritter, G.W. (February, 2003). Review of the evidence on the effectiveness of volunteer tutoring programs. Presented to the Third Campbell Collaboration Colloquium, Stockholm, Sweden.
- Ritter, G., Higgins, K., & Newgent, R. (2003, April). Volunteer tutoring: Who, why, and how? American Educational Research Association (SIG), Chicago, IL.
- Ritter, G.W., & Lauver, S.C. (2003, April). Racial integration of young students in public and private schools: New evidence from the ECLS-K. Presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Ritter, G.W., & Moyi, P. (2003, April). The impact of daycare on school readiness for grades K-1: Evidence from the Early Childhood Longitudinal Study (ELCS-K). Presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Ritter, G.W., Murry, J.W., & Mulvenon, S.W. (2002, November). Overcoming the obstacles: Implementing state accountability programs for schools. Paper presented at the annual meeting of the Association for Public Policy Analysis and Management, Dallas, TX.
- Ritter, G.W., Lauver, S.C., & Zief, S.G. (2002, November). Applications of systemic reviews in education interventions. Mini-plenary session at the annual meeting of the Association for Public Policy Analysis and Management, Dallas, TX.
- Ritter, G.W. (2003, March). Dissecting the reauthorization of the ESEA: What are the important components? Paper presented at the research conference of the Arkansas Educational Research and Policy Studies Journal, sponsored by the University of Arkansas College of Education and Health Professions, Little Rock, AR, March 6, 2003.
- Roland, C., & Matthews, P. (2002, November). Spirituality and counseling women: A gender perspective. Presented to the Arkansas Counseling Association Annual Conference, Hot Springs, AR.

Roland, C., Rheineck, J., Magness, T., Culver, B., & Higgins, K. (2002, November). Crisis issues in the schools: Current issues and what counselors can do—A panel discussion. Presented to the Arkansas Counseling Association Annual Conference, Hot Springs, AR.

Smith, N., & Imbeau, M.B. (December, 2002). Differentiated instruction: Beginning the journey. Presentation for Association for Supervision and Curriculum Development Institute, Seattle, WA.

Smith, T.E.C. (2003, May). New disabilities under IDEA and 504. Presented at the 2003, 19th LRP National Conference on Law and Disabilities. San Francisco, CA

Smith, T.E.C. (2003, April). Autism Specter Disorders and Developmental Disabilities. Presented at the Annual Conference, Council for Exceptional Children, Seattle, WA

Stegman, C. (2003, April). Using editorial cartoons and comics in teaching statistics and research. Presented to the American Educational Research Association Chicago, IL.

Stegman, C., & Leslie, K. (2002). Using online technologies to enhance an introductory graduate statistics course. Presented to the New Challenges, New opportunities Distance Education Conference.

Stegman, C., & Mulvenon, S. (2003, April). Lies, damned lied and statistics: New and updated editorial cartoons in teaching statistics and research. Presented to the American Educational Research Association Conference, Chicago, IL.

Sullivan, E., McGee, C., Morrow, L., Eilers, L., Colbert, J., & Doshier, M. (2003, March). Reflecting ten years as partners in teacher preparation. Paper presented at the 2003 Professional Development Schools National Conference, Orlando, FL.

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Qiu, Y.J. and Wang, K.C.P. "Structural Responses of Pavements in Transportation Management Systems" Traffic and Transportation Studies, Proceedings of the Third International Conference, Guilin, China, ISBN, 0-7844-0630-8, pp.1554-1559, Publisher ASCE, Reston, Virginia, USA, July, 2002

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Ward, E., T.W. Martin, and L.W. Schaper, "Control of a Tunable Filter," International Conference on Modeling and Simulation of Microsystems.

Ward, E., and T.W. Martin, "A Fuzzy Model of Glucose Regulation," IFAC Symposium on Modeling and Control in Biomedical Systems.

Ruan, C., L. Yang and Y. Li. 2002. "Immunobiosensor chips for detection of Escherichia coli O157:H7 using electrochemical impedance spectroscopy." Analytical Chemistry 74:4814-4820.

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Young, J.C. and Cho, Y.T. "Evaluation of methods for assessing biomass activity in biological treatment process" Proc. 8th Annual Industrial Wastes Technical and Regulatory Conference, Sponsored by Water Environment Federation, Atlantic City, NJ, August 11-14. 2002.

Cho, Y.T. and Young, J.C. "Optimization of cycle time for two-stage cyclic anaerobic filters" Proc. 75th Annual Conference of the Water Environment Federation, Chicago, IL, Sept. 28 – Oct 2, 2002.

Moon, H.M. and Young, J.C. "Factors affecting oxygen transfer in headspace gas respirometers" Proc. 75th Annual Conference of the Water Environment Federation, Chicago, IL, Sept. 28 – Oct. 2, 2002

Zhang, X. and H. Hexmoor, Balancing Individual Capabilities and Social Peer Pressure for Role Adoption, In CEEMAS-03, Prague, June 2003

Zhang, Y., A. Apon, P. Pulay, File Arrays for Out-of-Core Computations, In Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications, Las Vegas, Nevada, June 2003

Zuo, Y. and B. Panda, Network Viruses: Their Working Principles and Marriages with Hacking Programs, (Poster paper) In Proceedings of the 4th Annual IEEE Information Assurance Workshop, United States Military Academy, West Point, NY, June 18-20, 2003

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Bajwa, S. G., and E. D. Vories. 2002. "Spatial yield analysis in Northeast Arkansas farms." In: Proc. 2002 Cotton Research Conferences and Summaries of Cotton Research in Progress, Oosterhuis (eds.), Arkansas Agricultural Experiment Station Research Series 497, Fayetteville, AR.

Bajwa, S. G. and L. Tian. 2002. "Remote sensing for crop monitoring in precision agriculture." In: Proc. of BSSG 2002 conference- Remote Sensing and Modeling Applications for Natural Resource Management, Biological System Simulation Group, Remote Sensing Technology Center, Mississippi State University, Mississippi State, MS 39762.

Guo, A., and S. A. Batzer, "Experimental Investigations of Micro-Drilling," Proceedings of the 2d Annual Tech Summit, pp. 15-17, University of Arkansas, April 26, 2002.

Batzer, S.A. and William F. Schmidt: "Capstone Design Project Coursework Using The Industrial Short Course Format," 32nd ASEE/IEEE Frontiers in Education Conference, Boston, MA, November 6-9, 2002.

Gousskov, A.M., S. A. Voronov, S. A. Batzer, and S. C. Sinha, "Nonlinear Oscillations of a Tool Used in Deep Hole Drilling," 4th EUROMECH Nonlinear Oscillations Conference, August 19-23, 2002, Moscow, Russia.

Bedekar, V., D. G. Bhat, and S. A. Batzer, "Proceedings of the 2d Annual Tech Summit," pp. 9-11, University of Arkansas, April 26, 2002.

Cotter, A.S., Chaubey, I., Costello, T.A., Nelson, M.A., Soerens, T.S., "Effect of Spatial Data Resolution on SWAT Output Uncertainty", Proceedings 2002 ASAE Annual International Meeting, Chicago, Illinois, July 28-31, 2002.

Cotter, A.S., I. Chaubey, T.A. Costello, M.A. Nelson, and T. Soerens. 2002. TMDL Data Requirements for Agricultural Watersheds. Proc. Total Maximum Daily Load (TMDL): Environmental Regulations Conference. ASAE, St. Joseph, MI. Pg. 408-415.

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Avery, R., D. Carpenter, T. A. Costello. 2002. "Identifying safety strategies for on-farm grain bins using risk analysis." Discovery 3(Fall, 2002): 10-16. Undergraduate Research Journal,

Dale Bumpers College of Agricultural, Food and Life Sciences, University of Arkansas, Fayetteville.

Gross, M. A., "Science Vs. Reality – A Case Study," in Proceedings of the Southeast U.S. Onsite Wastewater Conference, North Carolina State University, Raleigh, NC, 2002

Gross, M. A., "The Vision of Onsite- National Capacity Development Projects," in Proceedings of the Southeast U.S. Onsite Wastewater Conference, North Carolina State University, Raleigh, NC, 2002

Gross, M. A., "Phosphorus Removal Using Fixed Film Treatment Systems," Proceedings of the 11th Northwest Onsite Wastewater Short Course and Equipment Exhibition, University of Washington, Seattle Washington, 2002

Havens, J. A., T.O. Spicer, and K. Perry, "New Models Predict Consequences of LNG Releases," Gas Technology Institute and U.S. Department of Energy Gas TIPS, Fall 2002.

Jong, Ing-Chang, Rick J. Couvillion, and Larry A. Roe, "Meandering Road from Dynamics to Thermodynamics and Vice Versa: What is Work?" Session 2268, Proceedings of the 2002 ASEE Annual Conference and Exposition, Montreal, Canada, June 16-19, 2002. Presented best paper in meeting award. 25% contributor.

Jong, Ing-Chang, Rick J. Couvillion, and Larry A. Roe, "Meandering Road from Dynamics to Thermodynamics and Vice Versa: What Is Work?" Session 2268, Proceedings of the 2002 ASEE Annual Conference and Exposition, Montreal, Canada, June 16-19, 2002.

Arumugam, P., Ajay P. Malshe, S. A. Batzer, and D. G. Bhat: "Study of airborne dust emission and process performance during dry machining of aluminum-silicon alloy with PCD and CVD diamond coated tools," Paper # MR02-153, Proceedings of NAMRC XXX Conference, West Lafayette, IN, Society of Automotive Engineers, May 21-24, 2002.

Arumugam, P.U., Ajay P. Malshe, S. A. Batzer, and D. G. Bhat, "Chemical Inter-Diffusion Effects at the Tool/Workpiece Interface; Implications for Cutting Tools Designed for Machining Aerospace Alloys," The International Conference On Metallurgical Coatings And Thin Films, ICMCTF 2002, San Diego, California, USA, April 22-26, 2002.

Arumugam, Prabhu U., Ajay P. Malshe, S. A. Batzer, and D. G. Bhat, "Study of Airbourne Dust Emission and Process Performance During Dry Machining of Aluminum-Silicon Alloy with PCD AND CVD Diamond Coated Tools", Proceedings of North American Manufacturing Research Conference (NAMRC-XXX), Purdue University, IN, August 2002.

O'Neal, Chad B., Ajay P. Malshe, Kumar Virwani, William F. Schmidt, "Design Consideration, Process and Mechanical Modeling, and Tolerance Analysis of a MEMS-Based Mechanical Machining System-on-a-Chip (SOAC) for Nanomanufacturing," Proceedings of MED-MEMS joint session, at 2002 ASME International Mechanical Engineering Congress & Exposition, New Orleans, LA, November 2002.

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Taylor, C., R. Prince, Ajay P. Malshe, L. Riester, G. Salamo, S. Oh Cho, "Investigation of Nanoindentation for the Patterning of Nanostructures", Proceedings of SPIE International Symposium on Smart Materials, Nano-, and Micro-Smart Systems, SPIE Conference co-sponsored by the University of Arkansas, Melbourne, Australia, December 2002.

Komanduri, Ranga, Julie Chen, Ajay P. Malshe, Charalabos C. Doumanidis, and K. P. Rajurkar, NSF-EC Workshop on Nanomanufacturing and Processing: A Summary Report, Proceedings of SPIE International Symposium on Smart Materials, Nano-, and Micro-Smart Systems, SPIE Conference co-sponsored by the University of Arkansas, Melbourne, Australia, December 2002.

Virwani, Kumar R., Ajay P. Malshe, William F. Schmidt, and Dinesh K. Sood, "Fabrication and Testing of Nanomechanical <100> Silicon Beam Structures Using a Scanning Probe System,"

Proceedings of SPIE International Symposium on Smart Materials, Nano-, and Micro-Smart Systems, SPIE Conference co-sponsored by the University of Arkansas, Melbourne, Australia, December 2002.

Yedave, Sharad N., Ajay P. Malshe, William D. Brown, and William C. Russell, "Novel Composite cBN-TiN Coating: Synthesis and Performance Analysis ", Transactions of the North American Manufacturing Research Conference, NAMRI/SME, Vol. XXX, pp. 485-492, 2002.

Kashyap, Avinash S., Sharmila D. Magan Lal, Ty R. McNutt, Alexander B. Lostetter, and H. A. Mantooth, "Testing and Modeling Electrical Characteristics of Novel Silicon Carbide (SiC) Static Induction Transistors (SITS)", Proceedings of the Arkansas Tech Summit, April 2003.

Kashyap, Avinash S., Sharmila D. Magan Lal, Ty R. McNutt, Alexander B. Lostetter, and H. A. Mantooth, "Testing and Modeling Electrical Characteristics of Novel Silicon Carbide (SiC) Static Induction Transistors (SITS)", Proceedings of Arkansas Academy of Sciences, April 2003.

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Samuelson, Charles D., Arnold Vedlitz, Guy Whitten, Marty Matlock, Letitia Alston, Tarla Rai Peterson, and Susan Gilbertz. 2002. "Citizen Participation and Representation in the TMDL

Stakeholder Meetings in San Antonio, Texas.” Proceedings of the 2002 Water Environment Federation National TMDL Workshop, Phoenix, AZ

Gholkar, T., M. Matlock, and R. Haan, 2002. “Modeling the Effects of Low Flow Augmentation by Discharge from a Wastewater Treatment Plant on Dissolved Oxygen Concentration in Leon Creek, San Antonio, Texas.” TWRI Technical Report 190, Texas Water Research Institute, College Station, TX.

Haggard, B.E., M. Matlock, I. Chaubey, P.B. DeLaune, and P.A. Moore, Jr. 2002. “Stream phosphorus retention in the Illinois River, Northwest Arkansas: ecological services and water quality criteria.” Proc. 2002 Arkansas Water Resources Conference.

Matlock, M. and T. Gholkar. 2002. “An analysis of wastewater reuse for low flow augmentation to improve dissolved-oxygen concentrations in streams in San Antonio, Texas.” Proceedings of the Arkansas Water Resources Center Annual Conference, April 2002. AWRC, Fayetteville, AR.
Murphy, R.Y. 2002. Post-cook pasteurization of ready-to-eat meat and poultry products. <http://www.feedinfo.com/asp/scientific/science.asp?login=&pass=>, Feedinfo News Services. Worldwide Data Systems Ltd©. November 4, 2002. (invited Scientific Reviews)

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Murphy, R.Y. and J.A. Marcy. 2002. “Thermal Process Validations for HACCP, Risk Assessment, and USDA/FSIS Data Needs.” Food Safety Consortium. August 13-15, 2002. Manhattan, KS. P.146-150.

Murphy, R.Y., M.E. Berrang, B.L. Beard, and N.M. Kotrola. 2002. “Postcook Pasteurization to Eliminate Listeria monocytogenese in Fully Cooked and Vacuum-Packaged Chicken Breast Meat Products.” PSA Annual Meeting. Abs. 61. p. 15. Aug 11-14, 2002. Newark, DE. (oral presentation)

Murphy, R.Y., L.K. Duncan, R.E. Johnson, H.G. Brown, and R.E. Wolfe. 2002. “Effect of Product Size on Thermal Inactivation of Salmonella Senftenberg and Listeria innocua on Fully Cooked and Vacuum Packaged Chicken Breast Strips during Hot Water Pasteurization.” PSA Annual Meeting. Abs. 414. p. 97. Aug 11-14, 2002. Newark, DE.

Nutter, Darin W., C. R. Cassady, G. D. Taylor, and C. T. Wong, “Maintenance Cost Modeling for a Refrigerated Trailer Fleet”, Proceedings of the Annual Reliability and Maintainability Symposium, pp. 68-73, 2002.

Schaper, L.W. and Silke A. Spiesshoefer, “Through Silicon via 3D Layer Stack for Advanced VLSI,” IMAPS ATW on Advanced 3D Packaging, Baltimore, March 11 – 13, 2003.

Virwani, Kumar, Dinesh K. Sood, William F. Schmidt, Ajay P. Malshe, Eric A. Stach, and Andrew M. Minor, "Analyzing Nanomechanical Properties of Cutting Tools for Nanomanufacturing," Proceedings of ASME-JSME Conference, Hawaii, August 2002.

Barbaree, T., and Soerens, T.S., Perchlorate in Perspective, Proceedings of the AWRC Annual Conference, 2001.

Haggard, B.E., W.R. Green, T.S. Soerens, M.A. Nelson, and P. Richards. Optimizing Water-Quality Monitoring Programs to Estimate Pollutant Loads: Mass Accumulation and Regression Methods. Trans. ASAE 2001.

Spicer, T. O., and J. A. Havens, "Modeling Aerosol Rainout -- Effect of Droplet Mass Transfer," Mary Kay O'Connor Process Safety Center – 2002 Process Plant Safety Symposium, College Station, Texas, October 2002.

Tao, Y., Ajay P. Malshe, and William D. Brown, "Laser Bonding and Modeling for Wafer-Level and Chip-Scale Packaging for Micro-Electro-Mechanical Systems," Proceedings of MEMS Division Session, at 2002 ASME International Mechanical Engineering Congress & Exposition, New Orleans, LA, November 2002

Thoma, G.J., T.B. Lam, D.S. Kim, S. Ziegler, and D.C. Wolf, "Mathematical modeling of phytoremediation of petroleum contaminated soils," In K.L. Sublette (ed.) 8th International Petroleum Environmental Conf., Houston, TX. 6-9 Nov. 2001, Integrated Petroleum Environmental Consortium, Tulsa, OK., 2002.

White, Jr., P.M., W.D. Kirkpatrick, D.C. Wolf, G.J. Thoma, and R.M. Reynolds, "Phytoremediation of crude oil-contaminated soil," In K.L. Sublette (ed.) Proc. 8th International Petroleum Environmental Conf., Houston, TX. 6-9 Nov. 2001, Integrated Petroleum Environmental Consortium, Tulsa, OK., 2002.

Thompson, D.R., Presented Performance Evaluation of a Computer System at the Applied Research in Data Engineering 2002 (Acxiom) in Little Rock, November 1, 2002

Thompson, D.R., Provided input to "University of Arkansas Wireless Communication Research Center for Rural Communities (UA WCRC)". The project was presented to representatives from the lobbyist Van Scoyoc Assoc. and the Provost, 2002

Thompson, D.R., Presented information on the Computer Science & Computer Engineering Department at the Chancellor's Invitational on October 12, 2002

Tacker, P., E. Vories and D. Kratz. 2002. Rice irrigation-water management for water, labor, and cost savings. pp. 219-223. In R.J. Norman and J.-F. Meullenet (ed.). B.R. Wells Rice Research Studies 2001. Ark. Agric. Exp. Sta. Res. Series 495.

Sheppard, J., J. Clendenin, E. Chiu, and S. Tung. "Fabrication and Testing of a MEMS Low-Flow Meter" Conference: ASME International Mechanical Engineering Congress and Exposition Date: November 2002

Xu, Y., Y-C Tai, F. Jiang, Q. Lin, J. Clendenin, and S. Tung, "Underwater Shear Stress Sensor" Conference: IEEE International MEMS-02 Conference Date: January 2002

Tung, S., and Ajay P. Malshe, "A Curriculum for MEMS Fabrication and Packaging", An integrated approach Conference: ASME International Mechanical Engineering Congress and Exposition Date: November 2002

Ng, B. K., S. Tung, and S. A. Batzer, "Fabrication of a Micro Humidity Sensor on a Thin, Flexible Substrate" Conference: NAMRC Conference, West Lafayette, IN. Date: September 2002

Witherspoon, S. and S. Tung. "Design and Fabrication of an EAP Actuator System for Space Inflatable Structures" Conference: 43rd AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference Date: April 2002

Vories, E.D., and R.E. Glover. 2002. Comparing the last effective boll populations in UNR and conventional cotton. pp. 42-47 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.

Vories, E. D., J. Greene, T. Teague and W. Robertson. 2002. Determining the optimum timing for the final irrigation on Arkansas cotton. pp. 48-53 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.

Vories, E.D., P.L. Tacker and R.E. Glover. 2002. Improving cotton irrigation scheduling in Arkansas. pp. 54-58 In D.M. Oosterhuis (ed.) Summaries of Arkansas Cotton Research in Progress in 2001. Ark. Agric. Exp. Sta. Res. Series 497.

Khandaker, N.R., Brady, P.V. and Young, J.C. "Design of pilot plants and the issue of similitude with full-scale systems in water treatment applications" Internal report to Sandia National Laboratories, Albuquerque. N.M. Nov 2002.

Khandaker, N.R., Brady, P.V. and Young, J.C. "Design of pilot plants and the issue of similitude with full-scale systems in water treatment applications" Internal report to Sandia National Laboratories, Albuquerque. N.M. Nov 2002.

INVITED LECTURES:

Ang, S.S., "Fabrication of LTCC-Si MEMS Hybrid Micro-Jet Array Impingement Coolers", Kuldeep Saxena, G. Wang, F.D. Barlow, S.S. Ang and A. Elshabini, IMAPS Ceramics meeting, April 2003.

Ang, S.S., "Nanoparticle Detection Scheme for Microfluidic Devices and Brain Probe Development," Department of Medical and Molecular Engineering, Southeast University, Nanjing. December 4, 2002.

Zhang, K.L., S.K. Cou, S.S. Ang, and X.S. Tang, "Numerical and experimental investigation of solid propellant microthrusters," 2nd International Conference on Materials for Advanced Technologies & IUMRS – International Conference in Asia, 29 June – 4 July 2003 Singapore.

Bajwa, S. G. and L. Tian. 2002. Remote sensing for crop monitoring in precision agriculture. In: Proc. of BSSG 2002 conference- Remote Sensing and Modeling Applications for Natural Resource Management, Biological System Simulation Group, Remote Sensing Technology Center, Mississippi State University, Mississippi State, MS 39762.

Bajwa, S.G. 2002. Remote Sensing in Precision Agriculture. Arkansas Crop Management Conference at Little Rock, February 4-7, 2002.

Bajwa, S. G. 2002. Agricultural remote sensing research in Arkansas. Remote sensing symposium, Feb 16, 2003.

Barlow, F.D., "Keynote Presentation – Past, Present and Future of RF Packaging", Devices Packaging for Wireless Communications Workshop, IEEE Phoenix Chapter, Tempe, AZ, November 22, 2002.

Batzer, S. A., "Skunk Works," Arkansas Technical University, July 16, 2002.

Batzer, S. A., "Design for Competitiveness," 1 day short course, Rheem Manufacturing, Fort Smith, Arkansas, June 14, 2002.

Batzer, S. A., "Design for Manufacturability," 2 1/2 day short course, Baldor Electric Motors and Drives, Fort Smith, Arkansas, June 10-12, 2002.

Batzer, S. A., "Practical Heat Treatment Insights," 2 day short course, Danaher Tool Group, Springdale, Arkansas, April 15-16, 2002.

Bhat, D.G., Seminar on Applications of CVD and PVD Technologies for Tribological Coatings, Central University of Venezuela, Caracas, June 2002

Buffington, J.E., Speech on Leadership, Southern Division of the Naval Facilities Engineering Command, Charleston, S.C., February 20, 2002 –

Buffington, J.E., Guest speaker, Pacific Seabees Annual Ball, Port Hueneme, California, March 2, 2002

Burkett, S.L., "Advanced Processing Techniques for Through-wafer Interconnects," Invited Talk at North Carolina Regional MRS Annual Symposium MCNC, Research Triangle Park, Nov. 15, 2002.

Chaubey, I. Total Maximum Daily Loads. Phosphorus Management Workshop. Division of Agriculture, University of Arkansas. October 15, 2002.

Chaubey, I. How SWAT models phosphorus transport. 2002 SERA-IEG17 Annual Meeting. Fort Collins, CO. June 26, 27, 2002.

Chaubey, I., A.S. Cotter, T.A. Costello, M.A. Nelson, and T.S. Soerens. "Quantification of runoff and nutrient load prediction uncertainty due to GIS data resolution. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

White, K.L., I. Chaubey, and M.A. Nelson. SWAT Modeling of the Illinois River Drainage Area in Arkansas.

White, K.L., I. Chaubey, and M.A. Nelson. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

Dennis, N.D., What Computing Skills Should Civil Engineering Undergraduates Possess?, ASCE Education Congress, 2002 ASCE Annual Conference and Exposition, Washington DC, 4 Nov 2002.

Dennis, N.D., "Using Time Domain Reflectometry to Monitor Slope Remediation Measures", 74th Transportation Research Meeting, Jonesboro, AR, 18 May 2002

Dennis, N.D., "Investigation of the Affects of Fines on the Performance of Base Materials", 74th Transportation Research Meeting, Jonesboro, AR 18 May 2002.

Dennis, N.D., "Investigation of the Affects of Fines on the Performance of Base Materials", 75th Transportation Research Meeting, Little Rock, AR 21 November 2002.

Elliott, R.P., "Harmony in the Academic Department", American Society of Civil Engineers, West/Southwest Department Heads Council, Las Cruces, NM, June 2002.

Elshabini, A., "Future Directions in Electronic Packaging", Microelectronics Laboratory, Department of Electrical and Information Engineering, Monday, November 18, 2002, Oulu, Finland.

Elshabini, A., "RF & Microwaves Hybrids Design and Testing", University of Oulu, Wednesday, November 20, 2002, Oulu, Finland.

Elshabini, A., "RF Applications Using LTCC", University of Oulu, Thursday, November 21, 2002, Oulu, Finland.

Gattis, J. L. "Parallel Parking Cross-Section Width Design Criteria." presented to Committee A2A02 at 81st Annual Meeting of the Transportation Research Board, Washington, D.C., January 16, 2002.

Gattis, J. L. "Retrofitting: What Would You Do with This Mess?" Fifth National Conference on Access Management, Austin, Texas, June 25, 2002.

Gross, M. A., "Basic Hydraulics," presented as part of the "Onsite A to Z" course at the National Onsite Wastewater Recycling Association Annual Conference, Kansas City, MO, October, 2002

Gross, M. A., "Science Vs. Reality – A Case Study," in Proceedings of the Southeast U.S. Onsite Wastewater Conference, North Carolina State University, Raleigh, NC, 2002

Gross, M. A., "The Vision of Onsite- National Capacity Development Projects," in Proceedings of the Southeast U.S. Onsite Wastewater Conference, North Carolina State University, Raleigh, NC, 2002

Gross, M. A., "Phosphorus Removal Using Fixed Film Treatment Systems," Proceedings of the 11th Northwest Onsite Wastewater Short Course and Equipment Exhibition, University of Washington, Seattle Washington, 2002

Gross, M. A., "Soil Characteristics and Percolation Test Comparison for Sizing Onsite Wastewater Systems," Southwest Onsite Wastewater Conference, Laughlin, NV, March 6-7, 2002

Gross, M. A., "Arkansas Onsite Wastewater Renovation Project," Southwest Onsite Wastewater Conference, Laughlin, NV, March 6-7, 2002

Hall, Kevin D., "Asphalt-Related Educational Issues in Academia", Southeastern Asphalt User-Producer Group, Lexington, KY, November 2002.

Hall, Kevin D., "Update on the Dynamic Angle Validation Kit", Superpave Mixtures and Aggregates Expert Task Group (ETG) Fall Meeting, Minneapolis, MN, August, 2002.

Hall, Kevin D., "Impacts of Changes to the Arkansas Standard Specifications for Hot-Mix Asphalt", Arkansas Asphalt Paving Association Annual Convention, Hot Springs, AR, March 2002.

Hall, Kevin D., "The AASHTO 2002 Guide", Arkansas State Highway and Transportation Department, Fall TRC Meeting, Little Rock, AR, Nov. 2002.

Hall, Kevin D., "Comparison of Lab and Field Permeability for ACHM", Arkansas State Highway and Transportation Department, Fall TRC Meeting, Little Rock, AR, Nov. 2002.

Havens, Jerry A., "New Chemical Engineering Challenges Post 911," The R. N. Maddox Distinguished Lecture Series, Thirteenth Annual Lecture, University of Arkansas, April 11, 2003.

Heymsfield, E., "Precast Concrete Slab Panels", 74th TRC Meeting, May 15, 2002

Kim, J.-W. 2002. Micro and Nano Sensors for Agriculture and Food Systems. Technical Program of the Trinational Workshop: Advances in Micro and Nano Technologies for Sensing Applications, Dec. 12-14, Melbourne, Australia.

Kim, J.-W. 2002. Bio-Inspired Micro-Electro-Mechanical System (MEMS). National Planning Workshop: Nanoscale Science and Engineering for Agriculture and Food Systems (NSEAFS), Nov. 18-19, Washington DC.

Kim, J.-W. 2002. Bio-MEMS. A Meeting of Nano Science and Engineering Researchers (sponsored by Arkansas and Oklahoma EPSCoR), Aug. 15, Tulsa, OK.

Lee, W., "3G Wireless," Invited Talk, 19th Annual AUTIS Technology Conference, Hot Springs, Arkansas, June 5-7, 2002.

Li, Y. 2002. Biosensors: Concepts, technologies and applications. Invited presentation given at the Agricultural and Biological Engineering Development Strategies Forum, June 25-27, 2002, Yangling, China, sponsored by the Chinese Society of Agricultural Engineers.

Li, Y. 2002. Food safety engineering: Interdisciplinary practice and systematic approach. Invited presentation given at the International Forum on Post-Harvesting and Food Processing Technologies, June 28, 2002, Hangzhou, China, sponsored by Zhejiang Province Government and Zhejiang University.

Malshe, Ajay P. Yedave, Sharad, and Brown, W.D., "Combinatorial Coatings using ESC", AFOSR-DARPA-ONR-NSF Review Meeting, Naval Academy, Bethesda, MD, June 2002.

Malshe, Ajay P., "Packaging and Integration of Integrated Micro and Nanosystems", MEMS and Related Micro and Nano Systems Advanced Technology Workshop, sponsored by IMAPS, Denver, CO, September 2002.

Malshe, Ajay P. "Nano Integrated Micro Systems: Opportunities and Challenges for Materials, Tools, Processes and Workforce", Tri-national Micro and Nanotechnology Workshop, Sponsored by ECS-National Science Foundation, Melbourne, Australia, December 2002.

Malshe, Ajay P. "Packaging and Integration using Wafer-level and Chip-scale Processes", MEMS and Related Microsystems Workshop, Tscuba, Japan, February 2002.

Malshe, Ajay P. "Surface Engineering at Materials and Manufacturing Research Laboratories", Caterpillar, Peoria, IL, May 2002.

Malshe, Ajay P. and Curtis Taylor, "Nano Indentation for Nano Patterning", Hysitron Inc., Minneapolis, MN, July 2002.

Malshe, Ajay P. "Nanomanufacturing: Materials, Tools, Processes and Workforce", an invited workshop at National Science Foundation, Arlington, VA, April 2002.

Malshe, Ajay P. "SERC for Durable Micro and Nano Integrated Systems", NSF-EC Nanomanufacturing Workshop prior to NSF-Grantees Conference, San Juan, Puerto Rico, January 2002.

Malshe, Ajay P. "Nanotechnology and Microsystems", A Workshop at in Madurai, Intensive Workshop on Micro and Nano Technologies, December 2002.

Malshe, Ajay P. "Application of Nanomaterials for Advanced Manufacturing," PTVSA, Branch of Venezuelan oil-company, November 2002.

Haggard, B.E., M. Matlock, and I. Chaubey, S.A. Ekka, and P.A. Moore, Jr. Stream and sediment phosphorus concentrations in the Illinois River Drainage Area, Northwest Arkansas. Northeastern State University. October 10, 2002.

Haggard, B.E., M. Matlock, and I. Chaubey. Stream Nutrient Retention in the Illinois River, Northwest Arkansas: Ecological Services and Water-Quality Criteria. 2002 Annual Arkansas Water Resources Center Conference. April 23-24.

Matlock, M. Measuring and Managing Ecological Services. NSF Biocomplexity Workshop, Clemson University, Clemson, SC, March 2002

Matlock, M. Co-Organizer, Ecological Engineering: Implementing the Profession. 2nd Annual Ecological Engineering Society of America Meeting, May 2002, Burlington, Vermont

Matlock, M., A. Vedlitz, C. Samuelson, G. Whitten, T. Peterson, and S. Gilbertz. The Salado Creek TMDL – A Case Study. National TMDL Science and Policy Conference. WEF/EPA/ASIWPCA/USDA, November, 2002, Phoenix, AZ

Nutter, Darin W., "Layered Geology and Its Impact on GCHP Borehole Design Length – A Look at Alternative Borehole Completion Methods", American Society of Heating, Refrigerating, and Air-conditioning Engineers (ASHRAE) Winter Annual Conference, Atlanta, GA, January, 2002.

Nutter, Darin W., "A Study of Groundwater Flow Effect on VBHEX Design Lengths", Technical Session, International Ground Source Heat Pump Association (IGSHPA) Conference, Stillwater, OK, May, 2002.

Osborn, G. S. Invited Presentation- Managing Antibiotic Resistance in the Environment. G. S. Osborn, Conference on Biomonitoring in Arkansas, Arkansas Department of Health, Little Rock, 11/1/02.

Osborn, G. S. Invited Presentation – The Role of Biological and Agricultural Engineering in the 21st Century. G. S. Osborn and Bill Stout. Conference on the Future of Agricultural Sciences, Technical University of Munich November 15/16, 2002.

Hu, Y. and B. Panda, Transaction Semantic Analysis for Database Intrusion Detection, 2002 Conference on Applied Research in Data Engineering, Little Rock, AR, Nov. 1, 2002

Schaper, L.W., “Prospects for Integrated Passives,” Invited talk at Georgia Tech, Atlanta, GA, April 2, 2002.

Schaper, L.W., “Review of Integrated Passives Technology,” Invited talk at DuPont, Research Triangle Park, North Carolina, June 4, 2002.

Schaper, L.W., Spent one week at Fraunhofer IZM in Munich. Gave a guest lecture at the request of Prof. Reichl on June 24, 2002, on UA activities in 3D silicon packaging.

Selvam, R.P., Computer modeling for bridge aerodynamics (invited paper), in Wind Engineering, by K. Kumar (Ed), Phoenix Publishing House, New Delhi, India, 2002, pp. 11-25

Selvam, R.P., Computational issues in solving the incompressible NS equations (invited paper), Proceedings of the 2nd International Conference on Fluid Mechanics & Fluid Power, P.C. Jain et. al. (Ed.), Ajay Printers & Publishers, IIT Roorkee, India, Dec. 12-14, 2002 , Volume 1, pp. 1-6

Selvam, R.P., Computer modeling of tornado forces on buildings, Proceedings of the Second International Symposium on Advances in Wind & Structures, C.K. Choi et. al. (Ed.), Techno-Press, Korea, 2002, pp. 105-114

Selvam, R.P., Computer modeling for bridge aerodynamics, Wind Engineering, by K. Kumar (Ed), Phoenix Publishing House, New Delhi, India, 2002, pp. 11-25

Selvam, R.P., Computational issues in solving the incompressible NS equations, Proceedings of the 2nd International Conference on Fluid Mechanics & Fluid Power, P.C. Jain et. al. (Ed.), Ajay Printers & Publishers, IIT Roorkee, India, Dec. 12-14, 2002 , Volume 1, pp. 1-6

Selvam, R.P., Tornado modeling, Arkansas Section Annual meeting, ASCE, Holiday Inn select, Little Rock, Nov. 1, 2002

Selvam, R.P., Computer modeling in electronics, IIT, Roorkee, India, April. 2002

Skeith, R., Unix Scripting and High-Level Language Education Using an Emulator, 37th ASEE Midwest Section Conference, Norman, Oklahoma, September 12, 2002

Spicer, T. O. , and Jerry Havens, The FEM3A Vapor Dispersion Model, Gas Technology Institute Workshop, University of Arkansas, Fayetteville, AR, February 2003

Thompson, D.R., Supercomputer 2002 Education Program for bringing computational science into the classroom, National Computational Science Institute, 33% acceptance ratio, November 15-19, 2002, Baltimore, Maryland

Tooley, Melissa, "The Mack-Blackwell Rural Transportation Center", MBTC Advisory Board, Fayetteville, AR, October 11, 2002

Tooley, Melissa, "The Mack-Blackwell Rural Transportation Center", Arkansas Academy of Civil Engineering, Fayetteville, AR, April 6, 2002

Tooley, Melissa, "The Mack-Blackwell Rural Transportation Center", The GENESIS Connection Alliance, Fayetteville, AR, September 12, 2002

Tooley, Melissa and JL Gattis, "Evaluation of Automated Work Zone Information Systems," AHTD Transportation Research Committee meeting, Little Rock, AR, November 21, 2003

Tung, S., "A MEMS Microfluidics System Powered by Biological Cell Motors" Location: Hong Kong Chinese University Date: October 2002

Ulrich, R.K., "Integrated Passives: When, Where, How?", Georgia Tech Packaging Research Center, October 2002.

Ulrich, R.K., "Integrated Passives: When, Where, How?", DuPont Internal Technology Conference, Newark, Delaware, September 2002.

Gwathmey, C.O. and E.D. Vories. Last effective cotton bolls. 2002 Milan No-Till Crop Production Field Day & Equipment Demonstrations. Milan, TN, July 25 (invited; scheduled speaker, but had to cancel due to family emergency).

Vories, E.D. Cotton irrigation termination. CI Crop Man. Conf., Tunica, MS, Nov. 5 (invited).

Vories, E.D. Irrigation management. Ark. Crop Man. Conf., Little Rock, Feb. 5 (invited).

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. Determining the optimum timing for the final irrigation on mid-south cotton (poster). Management Workshop at Beltwide Cotton Prod. Conf., Atlanta, GA, Jan. 9 (invited).

Vories, E.D. and P.L. Tacker. Water quality in Arkansas - an update for the delta. Ark. Soil & Water Educ. Conf., Ark. State Univ., Jan. 15 (invited).

Wang, K.C.P., Invited Speech by US Federal Highway Administration, Directions of Automated Survey of Pavement Surface Distresses, Southeastern PMS Conference, June 23-25 2002, Nashville, Tennessee

Wang, K.C.P., Invited Speech by the Hong Kong Institution of Engineers (HKIE), Data Automation for Pavement Management, December 5 2002 at HKIE Headquarters, 9/F Island Beverley, No 1 Great George Street, Causeway Bay, Hong Kong

Williams, Stacy G., "ACHM Laboratory Test for Rutting and Stripping", TRC 0201, TRC Meeting, Jonesboro, Arkansas, May 2002.

Williams, Stacy G., "Development of 4.75mm Superpave Mixes", MBTC 2030, MBTC Annual Review, Fayetteville, Arkansas, October, 2002.

Yeagan, J., Annual meeting of the Professional Engineers of Portugal. Invited Presentation and Member of Panel. Corimbra, Portugal, June 27-28, 2003,

Yeagan, J., "Current Status of Accreditation in Engineering Education", Ibero-American Summit on Engineering Education", Sao Paulo, Brazil, March 24-27, 2003

Yeagan, J., "Accreditation and its Benefits to Engineering Education", IEEE Salvador, Bahia, Brazil, March 28, 2003.

Yeagan, J., "International Recognition of Qualifications", Sixth WFEO World Congress on Engineering Education and Second ASEE Global Conference on Engineering Education, Nashville, TN, June 20-22, 2003.

Young, J.C. "Fundamentals of Anaerobic Wastewater Treatment" Proc. Current and Future Directions in Biotechnology in Waste Management for Sustainable Development, Workshop sponsored by Chiang Mai University, Chiang Mai, Thailand, August 13-15, 2002.

Young J.C. "Fundamentals and Kinetics of Biological Growth" Proc. Current and Future Directions in Biotechnology in Waste Management for Sustainable Development, Workshop sponsored by Chiang Mai University, Chiang Mai, Thailand, August 13 -15, 2002.

Young J.C. "Fundamentals of Industrial Wastewater Treatment." Proc. Workshop on Design and Operation of Anaerobic Processes for Treatment of Industrial Wastewaters, sponsored by Water Environment Federation, Chicago, IL, Sept. 28, 2002.

Young J.C. Keynote Address: "Application of respirometers to the design and operation of biological Wastewater Treatment Plants" Proc. Workshop on Recent Development in Respirometry for Wastewater Treatment and Plant Monitoring and Control. Sponsored by Industrial Technology Research Center, Taipei, Taiwan, October 22-24, 2002.

Young J.C. Conference Wrap-up Address: "Types and Functions of Respirometers for On-Line Treatment Plant Monitoring and Control" Proc. Workshop on Recent Development in Respirometry for Wastewater Treatment and Plant Monitoring and Control. Sponsored by Industrial Technology Research Center, Taipei, Taiwan, October 22-24, 2002.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Yu, W.H., E. Kang, K.G. Neoh, Y. Zhang, S.S. Ang, and A. Tay “Electroless plating of copper and nickel via a Sn-free process on dielectric SILK surface,” Electronics Packaging Technology Conference, December 11-12, Singapore.

Zhang, K.L., S.K. Cou, S.S. Ang, and X.S. Tang, “Numerical and experimental investigation of solid propellant microthrusters,” 2nd International Conference on Materials for Advanced Technologies & IUMRS – International Conference in Asia, 29 June – 4 July 2003 Singapore.

Keezer, D.C., J.S. Davis, S.S. Ang, and M. Rotaru, “A test strategy for nanoscale wafer level packaged circuits,” Electronics Packaging Technology Conference, December 11-12, 2002, Singapore.

Li, X.P., Z.J. Zhao, S.S. Ang, T.B. Oh, T.W. Song, W.C. Ng, S.J. Koh, J.Y. Lee, and W.X. Chen, “Effects of current density on the magnetic properties of the electroplated NiFe layers,” 2nd International Conference of Advanced Material Processing, December 2-4, 2002, Singapore.

Li, X.P., Z.J. Zhao, S.S. Ang, S.J. Loh, T.B. Oh, J.Y. Lee, and W.X. Chen, “Effects of pH values on the magnetic properties of electro-plated NiFe layers,” 2nd International Conference of Advanced Material Processing, December 2-4, 2002, Singapore.

Amerson, G., J. Maxwell, D. Reed, and A. Apon, Evaluation of the InfinSwitch InfiniBand Cluster Interconnect, Project Report to InfinSwitch Corporation, December 18, 2002
Apon, A., The Acxiom Cluster Testbed, Final Report to the Arkansas Science and Technology Authority, August 2002

Apon, A., Phase I Software Development of the Virtual Satellite, Project Status Report to the Virtual Satellite Corporation, December 20, 2002

Bajwa, S. G., and E. D. Vories. 2002. Spatial yield analysis in Northeast Arkansas farms. In Proc. 2002 Cotton Research Conferences and Summaries of Cotton Research in Progress, Oosterhuis (eds.), Arkansas Agricultural Experiment Station Research Series 497, Fayetteville, AR.

Bajwa, S. G., and E. D. Vories. 2002. Spatial yield analysis in Northeast Arkansas farms. In Proc. 2002 Beltwide Cotton Producers National Research Conferences, January 11-12, Atlanta, GA

Bajwa, S. G. 2002. Introduction to GIS and GPS for Engineers – Training for Extension Engineers, Little Rock, June 2.

Schupbach, R.M. and J.C. Balda, “A Versatile Laboratory test Bench for Developing Powertrains of Electric Vehicles”, IEEE 2002 Vehicular Technology Conference, Vancouver, Canada, September 24-29, 2002, IEEE

Hall, E. Mitre and J.C. Balda, "Permanent Magnet Synchronous Motor Drives for HEV Propulsion: Optimum Speed Ratio and Parameter Determination", IEEE 2002 Vehicular Technology Conference, Vancouver, Canada, September 24-29. Paper 12.1 (7 pages). Conference CD does not have page numbers.

Mei, C., J.C. Balda, W.P. Waite, and K. Carr, "Analyzing Common Mode Chokes for Induction Motor Drives", Proceedings of the 2002 IEEE Power Electronics Specialist Conference, Cairns, Australia, June 23-27, Vol. 3, pp. 1557-1562, 2002.

Saxena, Kuldeep, G. Wang, F.D. Barlow, S.S. Ang, and A. Elshabini, "Fabrication of LTCC-Si MEMS Hybrid Micro-Jet Array Impingement Coolers", IMAPS Ceramics meeting, April 2003.

Barlow, F.D. and A. Elshabini, "Latest Advances in Ceramic Interconnect Technologies: Thermal Design Tradeoffs", IEEE Microwaves Theory & Techniques (MTT) Annual Meeting, June 8-13, 2003.

Wang, Gangqiang, F.D. Barlow, A. Elshabini, "Simulation, Characterization and Design of Embedded Resistors in LTCC for High Frequency Applications", 2002 Proceedings of the International Symposium on Microelectronics, Denver, Colorado, September 4-6, 2002.

Barlow, F.D., Michael Glover, Jeff Mincy, E.V. Porter, L.W. Schaper, A. Elshabini, "MCM- D/C Based on Cu/ BCB Thin Film and LTCC: Lessons Learned", 2002 Proceedings of the International Symposium on Microelectronics, Denver, Colorado, September 4-6, 2002.

Batzer, S. A., "Blowing Hot and Cold," Cutting Tool Engineering, Vol. 54, No. 4, pp. 56-58, April 2002.

Batzer, S. A., Presented a report regarding the embrittlement of 8620 DX pins austempered at the Hilti Corporation in Tulsa, OK.

Batzer, S. A., Presented a report regarding the corrosion discoloration of austenitic stainless steel needles to the Baxter company in Mountain Home, AR, 2002.

Bull, S.J., D. G. Bhat, and M. H. Staia, "Properties and performance of commercial TiCN coatings: Part I Coating architecture and hardness modeling; Part II-Tribological performance," International Conference on Metallurgical Coatings and Thin Films, American Vacuum Society, San Diego, CA, April 2002;

Joshi, V., A. Srivastava, R. Shivpuri, R. S. Bhattacharya, S. J. Dixit, and D. G. Bhat, "Microscale defects in arc-deposited coatings and their effect on macro dissolution behavior in aluminum die casting," International Conference on Metallurgical Coatings and Thin Films, American Vacuum Society, San Diego, CA, April 2002;

- Burian, S.J., "Analysis of the long-term performance of storage/release systems using linked watershed-water body modeling." 9th International Conference on Urban Drainage, 8-13 September 2002, Portland, OR.
- Burian, S.J., "Historical perspectives of urban drainage." 9th International Conference on Urban Drainage, 8-13 September 2002, Portland, OR.
- Burian, S.J., "Roughness length and displacement height derived from building databases." American Meteorological Society, Fourth Symposium on the Urban Environment, 20-24 May 2002, Norfolk, VA.
- Burian, S.J., "Building height characteristics in three U.S. cities." American Meteorological Society, Fourth Symposium on the Urban Environment, 20-24 May 2002, Norfolk, VA.
- Burian, S.J., "Downscaling Analysis of the Urban Influence on Rainfall Patterns" NASA Goddard Space Flight Center Faculty Fellow Seminar, 25 July 2002, Greenbelt, MD.
- Brown, W.D., F.D. Barlow, L.W. Schaper, and R.K. Ulrich, "Electronic Packaging Education at the University of Arkansas: Status After 10 Years", ECTC International Workshop on Microsystems Packaging Education, May 27, 2003, New Orleans, Louisiana.
- Sidhwa, Ardy, Chuck Spinner, Todd Gandy, Steve Melosky, W.D. Brown, S.S. Ang, H.A. Naseem, and R.K. Ulrich, "Impact of Residual By-Products from Tungsten Film Deposition on Process Integration due to Nonuniformity of the Tungsten Film," presented at the 15th International Vacuum Science and Technology Meeting (IUVSTA).
- Barreto, A., J.F., D.J. Carrier and E.C. Clausen, "Extraction of Silymarin Compounds from Milk Thistle (*Silybum marianum*) Seed Using Hot, Liquid Water as the Solvent," presented at the American Institute of Chemical Engineers Mid America Regional Conference, Iowa City, IA, April 2002.
- Lau, C.S., D.J. Carrier, L.R. Howard, J.O. Lay, Jr., J.A. Archambault, and E.C. Clausen, "Extraction of Antioxidant Compounds from Energy Crops," presented at the 25th Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, Colorado, May 2003.
- Seward, K., D.J. Carrier, L. Howard and E.C. Clausen, "Extraction of Lycopene from Watermelon," presented at Pharmaceutical Forum 2002, the Southern Regional Discussion Group of the American Association of Pharmaceutical Scientists, Little Rock, AR, May 2002.
- Barreto, A., J.F., D.J. Carrier and E.C. Clausen, "Extraction of Nutraceuticals from Milk Thistle: 2. Hot Water Extraction," presented at the 24th Symposium on Biotechnology for Fuels and Chemicals, Gatlinburg, TN, April 2002.
- Barreto, A., J.F., D.J. Carrier and E.C. Clausen, "Extraction of Nutraceuticals from Milk Thistle: 2. Hot Water Extraction," presented at Pharm Forum 2002, the Southern Regional Discussion

Group of the American Association of Pharmaceutical Scientists, Little Rock, AR, and May 2002.

Wallace, S., D.J. Carrier and E.C. Clausen, "Extraction of Nutraceuticals from Milk Thistle: 1. Extraction with Organic Solvents," presented at the 24th Symposium on Biotechnology for Fuels and Chemicals, Gatlinburg, TN, April 2002.

Wallace, S., D.J. Carrier and E.C. Clausen, "Extraction of Nutraceuticals from Milk Thistle: 1. Extraction with Organic Solvents," presented at Pharmaceutical Forum 2002, the Southern Regional Discussion Group of the American Association of Pharmaceutical Scientists, Little Rock, AR, May 2002.

Clausen, E.C., "Biomass to Ethanol," presented at the ANR Strategic Planning Session, Heber Springs, AR, October 2002.

Chaubey, I., K.L. White, and M.A. Nelson. 2002. "Implementation of a mass balance and modeling approach to assess watershed-scale phosphorus source and transport." In Welty, C. (ed.), AWRA's 2002 Annual Water Resources Conference Proc. American Water Resources Association, Middleberg, VI, TPS-02-4, 328 pp.

Garg, V. and I. Chaubey. Effect of Calibrating Watershed Characteristics on Uncertainty of Runoff Volume Modeling. 2002 AWRC Conference on Adequate Quality Water Supplies to Meet Our Growing Needs: Scientific, Regulatory, and Public Perspectives.

Cheng, Y., H. Yang, B. Swem, C. Ruan, and Y. Li. 2002. Antimicrobial treatment of fresh-cut lettuces with electrochemically activated water using a lab-scale sprayer. Presented at IFT 2002 Annual Meeting, June 15-19, Anaheim, LA. Paper #12204.

Cotter, A.S., I. Chaubey, T.A. Costello, M.A. Nelson, and T. Soerens. 2002. "Effect of spatial data resolution on SWAT output uncertainty." ASAE Paper No. 02-2012, ASAE, St. Joseph, MI.

Cotter, A.S., I. Chaubey, T.A. Costello, M.A. Nelson, and T. Soerens. 2002. "TMDL Data Requirements for Agricultural Watersheds." Proc. Total Maximum Daily Load (TMDL): Environmental Regulations Conference. ASAE, St. Joseph, MI. Pp. 408-415.

Garg, V., and I. Chaubey. 2002. "Watershed curve number estimates based on rainfall". In Welty, C. (ed.), American Water Resources Associations 2002 Annual Water Resources Conference Proceedings. American Water Resources Association, Middleberg, VI, TPS-02-4, 328 pp.

Garg, V., I. Chaubey, and B.E. Haggard. 2002. "Quantification of model output uncertainty due to watershed size." ASAE Paper No. 02-2227. ASAE, St. Joseph, MI.

B. Vaughn, K.L.S., D.J. Carrier, L. Howard, and E.C. Clausen, "Extraction of Lycopene from Watermelon," presented at the Institute of Biological Engineers Annual Meeting, Athens, Georgia, January 2003.

Appel, S., T. Stauffer, D.J. Carrier, and E.C. Clausen, "Extraction of Silymarin from Milk Thistle Supplements," presented at the American Institute of Chemical Engineers Mid America Regional Conference, Lawrence, Kansas, April 2003

Duan, L., D.J. Carrier and E.C. Clausen, "Extraction of Health Beneficial Compounds from Milk Thistle Using Hot/Liquid Water," presented at the 25th Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, Colorado, May 2003.

Subramaniam, S., D.J. Carrier, and E.C. Clausen, "The Effect of Pretreatment on the Extraction of Flavanolignans from Milk Thistle (*Silybum marianum*) Seeds," presented at the 25th Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, Colorado, May 2003.

Jong, Ing-Chang, Rick J. Couvillion, and Larry A. Roe, "Meandering Road from Dynamics to Thermodynamics and Vice Versa: What is Work?," Paper 2268, American Society for Engineering Education, Annual Conference, Montreal, June 17-20, 2002. Best Paper, Mechanics Division of ASEE, 2002.

Cross, Robert A., "Optimum Process Designs for Ultrafiltration and Crossflow Microfiltration Systems," International Congress on Membranes and Membrane Processes (ICOM), Toulouse, France, July 7-12, 2002.

Cross, Robert A., "Comparison of US and MF Membranes for Bacteria and Virus Removal in Drinking Water Applications," R.A. Cross, J. Teo and P.Wang, AIChE Annual Meeting, Indianapolis, Indiana, November 2002.

Cross, Robert A., "Comparison of US and MF Membranes for Concentration and Purification of High-Value Products," R.A. Cross, J. Teo and P.Wang, AIChE Annual Meeting, Indianapolis, Indiana, November 2002.

Song, L., and R.A. Cross, "Removal of Red Grape Polyphenoloxidase (PPO) by Ultrafiltration," North American Membrane Society (NAMS), Thirteenth Annual Meeting, Long Beach, California, May 2002.

Gattis, J. L. "On-Street Parking: Width and Other Issues." Spring 2002 Missouri Valley-ITE meeting, Oklahoma City, Oklahoma, April 26, 2002.

Gattis, J. L. "Traffic Control Device Installer Certification." Fall 2002 Missouri Valley-ITE meeting, Omaha, Nebraska, September 26, 2002.

Griffis, C.L. and I. Chaubey. Teaching online: an innovative pedagogical tool. Southern Region Teaching Symposium. Oct 6 – 8, 2002.

Griffis, C.L., M.F. Slavik and Y. Li. 2002. Rapid fluorescence microscopy using image analysis and antibody immobilization for recognition and enumeration of Salmonella Typhimurium. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Report, p. 99-102 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Gross, M.A. “Creating Wastewater Revenue Streams for Water Districts,” presented at the National Rural Water Association Annual Conference, Spokane, WA, October, 2002

Havens, J. A., “New Models Predict Consequences of LNG Releases,” Gas Technology Institute and U.S. Department of Energy Gas TIPS, Fall 2002

Kim, J. -W., M. Li, and T.L. Peeples. 2002. “Bioconversion Potential of Extremophilic Aqueous Two-Phase Reactor System.” 2002 American Society of Agricultural Engineers (ASAE)-Congress of the International Commission of Agricultural Engineering (CIGR) International Annual Meeting, Chicago, IL.

Li, M., M. Hanford, J. -W. Kim, and T.L. Peeples. 2002. “Modeling of Enzymatic Reactions in Interfacial Catalysis.” 94th AIChE Ann. Meet. (Food, Pharmaceutical, and Bioengineering Session), Indianapolis, IN.

Li, M., M. Hanford, J. -W. Kim, and T.L. Peeples. 2002. “Interfacial Catalysis: Amyloglucosidase Entrapment in Dipalmitoylphosphatidylcholine Multilamellar Vesicles.” 224th American Chemical Society (ACS) National Meet. (Advances in Biocatalysis Session), Boston, MA.

Zhu, J. and W. Lee, “Channel Estimation for OFDM Systems,” 87th Arkansas Academy of Science Annual Meeting, Fayetteville, Arkansas, April 4-5, 2003.

Khan, M.A. and W. Lee, “CSMA/CA with Shortened Contention Window for Mixed Traffic in IEEE 802.11 WLANs,” 87th Arkansas Academy of Science Annual Meeting, Fayetteville, Arkansas, April 4-5, 2003.

Li, Y. 2002. Food safety engineering: An emerging area from microbiology and engineering. Presented at IBE 2002 Annual Meeting, January 18-21, Baton Rouge, LA.

Li, Y., Z. Zhang and C. Ruan. 2002. Capillary bioseparator/bioreactor-based electrochemical biosensor for detection of Escherichia coli O157:H7 in food samples. Presented at the 7th World Congress on Biosensors, May 15-17, 2002, Kyoto, Japan.

Li, Y., I. Zakariadze, H. Yang, and B. Swem. 2002. A quantitative microbial risk assessment model for Salmonella Typhimurium and Campylobacter jejuni in poultry products. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Report, p. 2-8 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Li, Y., L. Yang, Z Zhang, C. Ruan, M.F. Slavik, and D. Paul. 2002. An immuno-electrochemical biosensor for rapid detection of Salmonella Typhimurium and Escherichia coli O157:H7 in poultry and meat samples. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Report, p. 9-14 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Li, Y., Y. Liu and M. Varshney. 2002. A chemiluminescent fiber optic biosensor for rapid detection of E. coli O157:H7 and Salmonella Typhimurium in raw and cooked poultry products. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Report, p. 15-21 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Su, X., and Y. Li. 2002. Immuno-quartz crystal microbalance sensors for rapid detection of Escherichia coli o157:H7. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract p. 405 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Swem, B., H. Yang, Y. Cheng and Y. Li. 2002. Reduction of aerobic microbes attached to fresh-cut lettuce using electrochemically activated water spray. Presented at IAFP 2002 Annual Meeting, June 30-July 3, San Diego, CA. Paper No. P163, p100 in: IAFP 89th Annual Meeting Program and Abstract Book, International Association for Food Protection, Des Moines, IA.

Trujillo, Omar, C. L. Griffis, Y. Li, M. F. Slavik. 2002. “A machine vision system using immuno-fluorescence microscopy for rapid recognition of Salmonella typhimurium.” Presented at the International Meeting of ASAE, Chicago July 2002.

Varshney, M., Y. Liu and Y. Li. 2002. A chemiluminescence fiber optic biosensor coupled with immunomagnetic separation for detection of S. typhimurium in food samples. ASAE Paper #027021. American Society of Agricultural Engineers, St Joseph, MI.

Varshney, M., and Y. Li. 2002. A chemiluminescence biosensor for rapid detection of Salmonella serovars in chicken and beef samples. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract, p. 404 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Wang, H., Y. Li, and M. Slavik. 2002. Rapid detection of Campylobacter jejuni on chicken carcasses using PCR-based fluorescent method. Presented at IAFP 89th Annual Meeting, June 30-July 3, San Diego, CA. Paper No. P022, p56 in: IAFP 89th Annual Meeting Program and Abstract Book, International Association for Food Protection, Des Moines, IA.

Wang, H., M.F. Slavik and Y. Li. 2002. Detection of Campylobacter jejuni in chicken carcasses and ground turkey meat using PCR-based fluorescent method. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract, p. 410 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Yang, L., and Y. Li. 2002. Impedance measurement with interdigitated microelectrodes for the detection of viable Salmonella Typhimurium in a selective medium and milk samples. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract, p. 408 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Yang, L., C. Ruan and Y. Li. 2002. An impedance immunosensor for detection of Escherichia coli O157:H7 using ITO chips. ASAE Paper #027022. American Society of Agricultural Engineers, St Joseph, MI.

Yang, H., B. Swem, H. Wang and Y. Li. 2002. A composite model for prediction of bacterial destruction in chemical treatment. Presented at IAFP 89th Annual Meeting, June 30-July 3, San Diego, CA. Paper No. P068, p71 in: IAFP 89th Annual Meeting Program and Abstract Book, International Association for Food Protection, Des Moines, IA.

Yang, H. and Y. Li. 2002. Two-population exponential model as a kinetic model for bacterial inactivation during food processing. Presented at the 1st International Conference on Microbiological Risk Assessment: Foodborne Hazards, July 24-26, 2002, Adelphi, MD. P-61 in the Programs and Abstracts.

Zakariadze, I., and Y. Li. 2002. A quantitative microbial risk assessment model for processed postchill broilers. Presented at IAFP 89th Annual Meeting, June 30-July 3, San Diego, CA. Paper No. T46, p134 in: IAFP 89th Annual Meeting Program and Abstract Book, International Association for Food Protection, Des Moines, IA.

Zakariadze, I., H. Yang and Y. Li. 2002. Quantitative microbial risk assessment for Salmonella Typhimurium in broiler processing. Presented at the 1st International Conference on Microbiological Risk Assessment: Foodborne Hazards, July 24-26, 2002, Adelphi, MD. P-63 in the Programs and Abstracts.

Zakariadze, I. and Y. Li. 2002. A quantitative process risk model for Salmonella Typhimurium in broiler processing. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract, 409 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Zhang, Z., and Y. Li. 2002. Capillary bioseparator/bioreactor couple with electrochemical biosensor for detection of E. coli O157:H7 in food samples. Presented at the Food Safety Consortium 2002 Annual Meeting, October 13-15, Manhattan, KS. Abstract, 407 in: Food Safety Consortium 2002 Annual Meeting—Agenda, Presentations, and Progress Reports.

Zhang, Z., Y. Liu, C. Ruan and Y. Li. 2002. Detection of Escherichia coli O157:H7 using capillary bioseparator/bioreactor with electrochemical or optical measurement. ASAE Paper #027015. Presented at ASAE 2002 Annual Meeting, July 29-31, Chicago, IL.

Zhang, Z., Y. Liu, C. Ruan and Y. Li. 2002. Detection of Escherichia coli O157:H7 using capillary bioseparator/bioreactor with electrochemical or optical measurement. ASAE Paper #027015. American Society of Agricultural Engineers, St Joseph, MI

Varshney, M., Y. Liu and Y. Li. 2002. A chemiluminescence fiber optic biosensor coupled with immunomagnetic separation for detection of S. typhimurium in food samples. ASAE Paper #027021. Presented at ASAE 2002 Annual Meeting, July 29-31, Chicago, IL.

Tao, Yi, Ajay P. Malshe, and W.D. Brown, "Laser-assisted Selective Bonding for Wafer-level and Chip-scale Vacuum Packaging of MEMS", 35th International Symposium On Microelectronics, IMAPS 2002, September 4-6, 2002, Denver, Colorado.

Tao, Yi, Ajay P. Malshe, and W.D. Brown, "Laser bonding and modeling for wafer-level and chip-scale packaging of MEMS", Proc. of the ASME International Mechanical Engineering Congress and Exposition, November 17-22, 2002, New Orleans, Louisiana.

Tao, Y., A. P. Malshe, S. Cunningham, and W.D. Brown, "Laser-Assisted Vacuum Sealing and Hermetic Testing of Silicon Chips and Ceramic Packaging of MEMS Devices", The 12th International Conference on Solid-State Sensors, Actuators and Microsystems, June 8-12, 2003, Boston, Massachusetts.

Malshe, Ajay P. "EPDT-NSF Grantees Meeting," National Science Foundation, Final Report, 2002.

Malshe, Ajay P. "SERC Center for Durable Micro and Nano Systems", EPSCoR-NSF, Interim Report, 2002.

Malshe, Ajay P. "Wafer level packaging for RF MEMS devices," SYSTRAN-AFRL, Interim Report, 2002.

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Malshe, Ajay P. and S. Tung, "A Curriculum for MEMS Fabrication and Packaging: An Integrated Approach", 2002 ASME International Mechanical Engineering Congress & Exposition, New Orleans, LA, November 2002.

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Mantooth, H. A., quarterly presentations to DARPA as part of the review of his project.

Mantooth, H. A., F.D. Barlow, S. Mulvenon, and S.S. Ang, "Mixed-Signal/Telecommunication Curriculum Development and Internet2 Delivery," 2002 American Society for Engineering Education Annual Conference and Exposition, ASEE 2002 – NSF Showcase Presentation, Montreal, Quebec, Canada, June 2002. (This poster presentation was made in conjunction with ASEE 2002.

Mantooth, H.A., F.D. Barlow, S. Mulvenon and S.S. Ang, "Mixed-signal/telecommunications curriculum development and Internet2 delivery," Proceedings of 2002 ASEE/SEFI/TUB International Colloquium, poster session, Berlin, Germany, October 1-4, 2002. (This poster presentation was by invitation as a result of our NSF Showcase above. We presented update material on our work).

Ye, Z.Z., T.W. Martin, and J.C. Balda, "Feedback Control of A 8/6 SRM with Multiphase Excitation with Short Flux Path," IEEE International Conference on Industrial Electronics, Control and Instrumentation, November 2002.

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Murphy, R.Y. 2002. Post cook pasteurization examples. Thermal Process Validation and Food Safety Symposium. Fayetteville, AR. Oct 8-9, 2002.

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Myers, W.A., and M.S. Martin, "Chemical Engineering and Alpha Chi Sigma at the University of Arkansas," American Chemical Society National Meeting, Boston, August 20, 2002.

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Abbasi, Mohammad Saad, H.A. Naseem, Husam Abu-Safe, and W. D. Brown, "Analysis and Modeling of Aluminum Enhanced Lateral Crystallization of Hydrogenated Amorphous Silicon", Arkansas Academy of Science, 87th Annual Meeting, April 4-5, 2003, The University of Arkansas, Fayetteville, AR.

Abu-Safe, Husam, Marouf Hossain, H.A. Naseem, and W.D. Brown, "Chlorine Doped CdS Thin Films From CdCl₂ Mixed CdS Powder", Arkansas Academy of Science, 87th Annual Meeting, April 4-5, 2003, The University of Arkansas, Fayetteville, AR.

Bargouti, Marwan, Husan Abu-Safe, H.A. Naseem, and W.D. Brown, "Effect of Native Oxide Layer on the Mechanism of Metal Induced Crystallization of a-Si:H," presented at the 202nd Meeting of the ECS, Oct. 20 – 24, 2002, Salt Lake City, Utah.

Taylor, C., H.A. Naseem, and W.D. Brown, "Characterization of Adhesives for Low

Temperature Microelectronics and Photonics Packaging,” IMAPS 2002, Denver, CO, Sept. 2002. (Curtis won full expenses for the conference)

Taylor, Curtis, H.A. Naseem, and W.C. Brown, “Characterization of Adhesives for Low Temperature Microelectronics and Photonics Packaging”, 35th International Symposium On Microelectronics, IMAPS 2002, September 4-6, 2002, Denver, Colorado.

Barghouti, Marwan, Husam Abu-Safe, H.A. Naseem, and W.D. Brown, “Effect of Native Oxide Layer on Metal-Induced Crystallization of a-Si:H”, Sixth International Symposium on Thin Film Transistor Technologies VI, 202nd Meeting of the Electrochemical Society, October 20-25, 2002, Salt Lake City, Utah.

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Aboukinane, C. R., E. Lacy and G. S. Osborn. 2002. “Evaluation of a portable electronic nose for determining Off-Volatiles in unroasted peanuts.” 2002 ASAE International Meeting, Chicago, IL. ASAE paper no. 026099.

Thomas, A.E, G.S. Osborn, S.R.M. Pinson, 2002. “Determining the effect of moisture diffusivity on rice fissure resistance.” Rice Technical working group, Little Rock, AR

Panda, B., Damage Assessment and Recovery from Information Warfare Attacks, Final Report for 1999 DEPSCoR award, Grant Number: F49620-99-1-0235, Submitted to AFOSR, August 2002

Penney, W.R., and T.B. Jones, “Predictive Method for Liquid-Liquid Just-Suspended Speed in Agitated Vessels,” Paper 173c, 2002 Winter Annual AIChE meeting, Indianapolis, Indiana, November 2002.

Penney, W.R., Gabriele S. Spanel, and James F. Butler, “Vortex Depths in Partially Baffled Vessels - An Experimental and Correlational Study,” Mixing XIX, 19th Biennial Conference on Mixing, North American Mixing Forum, AIChE, Lake Placid, New York, June 15-20, 2003.

Schaper, L.W. and Silke A. Spiesshoefer, “Enabling Advanced VLSI Architectures Using Through-Silicon Via 3D Layer Stack Technology,” The Sixth VLSI Packaging Workshop of Japan, November 12 – 14, Kyoto.

Spiesshoefer, S., and L.W. Schaper. “IC Stacking Technology Using Fine Pitch, Nanoscale Through Silicon Vias.” 53rd ECTC, May 2003, New Orleans.

Soerens, Thomas, and M. Nelson, "Sampling Strategies for Determining Nutrient Loads in Streams", National Water Quality Monitoring Council, 2002 National Monitoring Conference, Madison, Wisconsin, May 20-23, 2002.

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Springer, William T., "Preliminary Evaluation of Built-up Structural Panels", Southeast Truss, 2002.

Kelly, Matthew, Yi Tao, Ajay P. Malshe, F.D. Barlow, and W.D. Brown, "Hermetically Sealed Cavities in 3-D GaAs-Silicon and Silicon-Silicon Packages for MEMS Devices Using Selective and Large-scale Bonding", SPIE International Symposium on Smart Materials, Nano- and Micro-Smart Systems, December 16-18, 2002, Melbourne, Australia.

Peters, Robert W., M.P. Sharma, and Greg Thoma, "Sonication-Assisted Air Flotation", presented at the WEFTEC 2002 Conference (the 75th Annual Water Environment Federation Conference and Exposition) Chicago, Illinois, on September 28 - October 2, 2002.

White, P.M. Jr., D.C. Wolf, G.J. Thoma, C.M. Reynolds, and E.E. Gbu, "Effects of Plants and Fertilizer on the Remediation of Crude Oil-Contaminated Soil," Presented at the Soil Science Society of America meetings in Indianapolis, Nov. 2002

Mehta, Chintan , Kerry Sublette, Laura Ford, Kathleen Duncan, Joshua Brokaw, Tim Todd, Greg Thoma, " Soil Ecosystem Recovery Following Managed And Unmanaged Bioremediation," presented at the 9th IPEC Albuquerque, New Mexico, October 22-25, 2002

Mehta, Chintan , Kerry Sublette, Laura Ford, Kathleen Duncan, Joshua Brokaw, and Greg Thoma, "Revegetation of crude oil contaminated and uncontaminated prairie sites disturbed by tilling and earth moving," presented at the 9th IPEC, Albuquerque, New Mexico, October 22-25, 2002.

Thoma, Greg , D. Wolf, L. Thanh, and S. Ziegler, "Mathematical Modeling of Phytoremediation of Petroleum Contaminated Soils," presented at the 9th IPEC Albuquerque, New Mexico, October 22-25, 2002.

Wolf, Duane, P.M. White, G.J. Thoma, and E.E. Gbur, "Field Scale Phytoremediation of Petroleum- Contaminated Soil," presented at the 9th IPEC, Albuquerque, New Mexico, October 22-25, 2002.

Moralwar, Aditya A., K.L. Sublette, L. Ford, C. Nebel, C. Mehta, Kathleen Duncan, Tim Todd, Greg Thoma, and Joshua Brokaw, "Bioremediation Of Crude Oil In The Presence Of Brine," presented at the 9th IPEC ,Albuquerque, New Mexico October 22-25, 2002.

Thoma, Greg, Quarterly Reports for IPEC project, "Using plants to remediate petroleum contaminated soils," August 31, 2002.

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Thoma, Greg, Annual report for USDOE project, "Probabilistic Risk Assessment," Spring 2003.

Tung, S., DOT SBIR Phase I Subcontract: Simulations of Valveless Diffuser Micro Pumps. Submitted to: Intelligent Optical Systems, Inc., December 2002

Tung, S., ONR SBIR Phase II Subcontract: Testing of Underwater Shear Stress Sensors. Submitted to: Umachines, Inc., July 2002

Tung, S., JPL SBIR Phase II Subcontract: Testing of MEMS Low Flow Meter. Submitted to: Umachines, Inc., April 2002

Turpin, Jim, "Class Participation - Engaging Students in the Learning Process," University of Arkansas Summer Teaching Camp, Fayetteville, Arkansas, July 2002.

Gwathmey, C.O. and E.D. Vories. 2002. "Last effective cotton bolls." p. 8 In Tour Reports, 2002 Milan No-Till Crop Production Field Day & Equipment Demonstrations. The University of Tennessee Institute of Agriculture, July 25.

Purcell L.C. and E.D. Vories. 2002. Soybean drought tolerance research summary. Annual Report to AR Soybean Promotion Board.

Tacker, P., E. Vories and D. Kratz. 2002. "Rice irrigation water management for water, labor and cost savings." Annual Report to AR Rice Research and Promotion Board.

Vories, E.D. 2002. Improving yield and yield stability for irrigated soybean (year 1). Annual Report to AR Soybean Promotion Board.

Vories, E.D. and R.E. Glover. 2002. Comparing the timing of the last effective boll populations in UNR and conventional cotton. Proc. Beltwide Cotton Prod. Res. Conf. Nat. Cotton Council, Memphis, TN (CD ROM).

Vories, E.D. and R.E. Glover. 2002. Comparing the timing of the last effective boll populations in UNR and conventional cotton. Final Report to Cotton Incorporated for Agreement No. 01-128.

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. 2002. Determining the optimum timing for the final irrigation on mid-south cotton. Proc. Beltwide Cotton Prod. Res. Conf. Nat. Cotton Council, Memphis, TN (CD ROM).

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. 2002. Determining the optimum timing for the final irrigation on mid-south cotton. Final Report to Cotton Incorporated for Agreement No. 01-130.

Vories, E.D., and P.L. Tacker. 2002. Verifying the crop coefficient functions for corn and cotton in the Arkansas irrigation scheduler. ASAE Paper No. 022109. ASAE, St. Joseph, MI.

Vories, E., P. Tacker, W. Johnson and J. Ross. 2002. Improving corn irrigation practices and recommendations in Arkansas (Year 2). Annual Report to AR Corn and Grain Sorghum Promotion Board.

Vories, E. and P. Tacker. 2002. Producer Education Program on Reduction of Erosion and Sedimentation in Eastern Arkansas Delta. Annual Report to the Arkansas Soil and Water Conservation Commission for Project Number 96-550.

Vories, E. and P. Tacker. 2002. Producer Education Program on Reduction of Erosion and Sedimentation in Eastern Arkansas Delta. Final Report to the Arkansas Soil and Water Conservation Commission for Project Number 96-550.

Vories, E.D., P.L. Tacker, T.G. Teague, D.M. Oosterhuis, and K.J. Bryant. 2002. Improving Cotton Irrigation Practices and Recommendations in Arkansas. Final Report to Cotton Incorporated for Agreement No. 01-927AR.

Vories, E.D. and R.E. Glover. Comparing the timing of the last effective boll populations in UNR and conventional cotton (poster). Beltwide Cotton Prod. Res. Conf., NCC, Atlanta, GA, Jan. 8-11.

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. Determining the optimum timing for the final irrigation on mid-south cotton. Beltwide Cotton Prod. Res. Conf., NCC, Atlanta, GA, Jan. 11.

Vories, E., J. Greene, W. Robertson T. Teague, B. Phipps and S. Hague. Determining the optimum timing for the final irrigation on mid-south cotton (poster). Ark. Soil & Water Educ. Conf., Ark. State Univ., Jan. 15.

Vories, E., P. Tacker and J. Calhoun. Protecting soil and water resources in the delta (poster). Ark. Soil & Water Educ. Conf., Ark. State Univ., Jan. 15.

Vories, E.D., and P.L. Tacker. Verifying the crop coefficient functions for corn and cotton in the Arkansas irrigation scheduler. ASAE Annual Meeting, Chicago, IL, July 30.

OTHER CREATIVE ENDEAVORS:

Ackerson, Michael, and Michael S. Byars, US Patent No. 6,428,835, "Two Phase Hydroprocessing", August 6, 2002.

Ackerson, Michael, and Michael S. Byars, US Patent No. 6,497,813, "Solvent Extraction Refining of Petroleum Products", December 24, 2002.

Balda, J.C., F.D. Barlow, K.. Olejniczak, A. Elshabini, Direct Cooling of Propulsion Drives for High Power Density and Volume: First Annual Report (AR1), submitted to the Office of Naval Research, 16 pages, July 2002.

Bajwa, S.G. Formed a multi-disciplinary, multi-institutional Arkansas Precision Agriculture Working Group (ARPAWG) for addressing precision agriculture issues and challenges in the State, and to coordinate research, education and extension efforts in this area.

Bajwa, S.G. Organized and co-taught a GIS training session for extension engineers at Little Rock, Arkansas Attended IEEE Ozark section meeting, and visit to Dozier Knife Manufacturing facility in Springfield, Missouri (September 19, 2002)

Bajwa, S.G. Attended ASAE state section meeting at Little Rock, and organized and co-taught a professional development course for agricultural engineers.

Bajwa, S.G. Attended State Cotton Support Committee meeting at Keiser, Arkansas (March 13, 2002)

Bajwa, S.G. Met with Soybean Research Verification program coordinators (January 20, 2002) and decided on collaboration.

Bajwa, S.G. Attended Agricultural Equipment Technology Conference at Kansas City, Missouri.

Bajwa, S.G. Attended and moderated a session and represented Epsilon Chapter of Alpha Epsilon at the 2002 ASAE annual meeting in Chicago Illinois.

Bajwa, S.G. Attended Biodiesel conference in Little Rock, AR, December 3, 2002.

Bajwa, S. G. Two of my undergraduate students received undergraduate research grant from the DCAFLS.

Brown, W.D., F.D. Barlow, L.W. Schaper, and R.K. Ulrich, "Electronic Packaging Education at the University of Arkansas: Status After 10 Years", ECTC International Workshop on Microsystems Packaging Education, May 27, 2003, New Orleans, Louisiana.

El-Shenawee, M., Presented the results to the NASA Largely Research Center in July 2002 at Hampton Va.

El-Shenawee, M., ASTA report submitted to the State of Arkansas: "Subsurface Sensing of Objects Buried in Randomly Rough Multilayered Soil Using Electromagnetic Wave Scattering".

El-Shenawee, M., NASA report submitted to NASA Largely Research Center:

Report # 1: "Resonant Spectra of Malignant Breast Cancer Tumors Using the three-Dimensional Electromagnetic Fast Multipole Model".

Report #2: "Numerical Assessment of Multifrequency Microwave Radiometry for Sensing Malignant Breast Cancer Tumor".

Hexmoor, H., Tutorial: European summer school, July 10-14, 2002, Bologna, Italy

Peeples, T.L. and J.-W. Kim. Extremophilic Conversion of Corn to Higher Value Products.

UIRF No. 02005 [Invention Disclosures – Pending]

Peeples, T.L. and J.-W. Kim. Novel Method for the Production of an Organic Acid. UIRF No. 02005 [Invention Disclosures – Pending]

Li, Y., L. Yang and C. Ruan. 2002. Immunobiosensor chips for detection of Escherichia coli O157:H7 using electrochemical impedance spectroscopy. US Patent in filing process, July 18, 2002.

Li, Y., C. Ruan and L. Yang. 2002. A Rapid and Automated Electrochemical Method for Detection of Viable Salmonella typhimurium in Foods. US Patent pending, Application Number 60/401,489, August 2, 2002.

Li, Y., and Y. Liu. 2001. Capillary-Column-Based Bioseparator/Bioreactor with an Optical Detector for Rapid Detection of Escherichia coli O157:H7. US Patent pending, Application Number 60/376,608, February 26, 2002.

Mantooth, H.A. has written quarterly reports for my DARPA project and monthly reports for his Nanopower project for a total of 16 reports this past year.

Matlock, M. Invited Session Chair – Uncertainty and TMDLs – Water Environment Federation/USEPA National Workshop on TMDL strategies. St. Louis, Missouri, March 2001.

Matlock, M. Co-Host and organizer, Water Quality Monitoring and Modeling, American Water Resources Association Special Conference, April 30, 2001. San Antonio, TX.

Matlock, M., Paul Sabatier, Will Focht, Mark Lubell, Zev Trachtenberg, Arnold Vedlitz, Swimming Upstream: Collaborative approaches to watershed management. Healthy Ecosystems-Healthy People, International Conference of Ecosystem Health. June 2002. Washington, DC

Matlock, M. Session Chair, Stakeholder Involvement in TMDLs. National TMDL Science and Policy Conference. WEF/EPA/ASIWPCA/USDA, November, 2002, Phoenix, AZ

Naseem, H.A., Development of Multilayer Flexible Photovoltaic Devices, Summary Final Report for Year 7 (including No-Cost Extension Year 8) NASA/EPSCoR Project 4-B, (as part of the Final Report NASA EPSCoR Continuation Grant NCC5-260, submitted by Arkansas Space Grant Consortium) Dec. 2, 2002.

Naseem, H.M., Investigation of Low Temperature Metal Induced Crystallization and Doping of Silicon Using Various Excitation Sources for Solar Cells and other Microelectronic Applications, Progress Report Year 1, DOE/ET/45965-1, submitted to DOE Award #DE-FG02-ER45965, Oct. 2002.

Naseem, H.A., High Value Resistors on Flex, presentation of low temperature crystallization for imbedded passive applications, presented to IMAPS, U of A section, Nov. 21, Fayetteville, AR.

Osborn, G. S., M. D. Matlock, S. S. Teltschik. 2001. Portable System to Enhance Biological Treatment Processes for Improving Water Quality: A portable water ecosystem oxygenator. Pending patent with the Texas Agricultural Experiment Station.

Schaper, L.W. and Silke A. Spiesshoefer, "System Architecture Implications of 3-D Interconnect Technologies," IEEE Japan Systems Packaging Workshop, Tokyo, Feb. 4-6

Schaper, L.W. and Silke Spiesshoefer, "Through Silicon Via 3D Layer Stack for Advanced VLSI", IMAPS ATW on Advanced 3D Packaging, Baltimore, March 11-13, 2003.

Yeagan, J., Presentation to the ABET/NAE IT (Information Technology) Colloquium. National Academy of Engineering, Washington, DC, January 22, 2003.

PATENT ACTIVITY:

Lee, W., US Provisional patent - Method and apparatus for medium access in mobile wireless local area networks, Provisional US patent filed on Aug. 23, 2002 (Application No. 60/405,587)/ Invention Disclosure, University of Arkansas, June 12, 2002 (with M. Asmat Khan – UA ELEG student)

Lee, W., Method and apparatus for channel estimation with pilot power control in high-data-rate wireless communication systems, Invention Disclosure, University of Arkansas, December 19, 2002 (with Jie Zhu – UA ELEG student)

Naseem, H.A., Method of Doping Silicon, Metal Doped Silicon, Method of Making Solar Cells, and Solar Cells", Issued January 15, 2002, Patent Number 6,339,013 (M. S. Haque, H. A. Naseem, and W. D. Brown).

Olejniczak, K. J., K.C. Burgers, S.S. Ang, and E.V. Porter, "Conversion of electrical energy from one form to another, and its management through multichip module structures," US Patent 6,462,976. October 8, 2002.

Schaper, L.W., Filed patents on Surface Applied Passives and IMPS Low-Loss Transmission Lines.

School of Law

Carlton Bailey

Publications

“Ake v. Oklahoma and an Indigent Defendant’s ‘Right’ to an Expert Witness: A Promise Denied or Imagined?” 10 William & Mary Bills of Rights Journal 401 (2002).

Howard Brill

Publications

Arkansas Law of Damages, (4th ed.), The Harrison Company, August 2002.
Arkansas Professional and Judicial Ethics, (6th ed.) December 2002.

Lectures/Speeches/Presentations

Gave seven lectures (four hours each) on Civil Procedure, Domestic Relations and Equity in bar review courses in Little Rock and Fayetteville, June 2002.

“Current Developments in Legal Ethics,” Benton County Bar Association, September 2002.

“Trust Accounting Rules; Current Developments,” Arkansas Bar Association program, Fayetteville, September 2002.

“The Law of News Reporting,” CLE sponsored by the Washington County Bar Association and Department of Journalism, November 2002.

Chauncey Brummer

Publications

“Extended Juvenile Jurisdiction: The Best of Both Worlds?” 54 Ark. L. Rev. 777 (2002).

Uche Ewelukwa

Publications

“Post-Colonialism, Gender, and Customary Injustice: Widows in African Societies,” Hum. Rts. Quarterly Vol. 24, No. 2 (2002).

“Women and International Economic Law: An Annotated Bibliography,” NAFTA: Law and Business Review of the Americas, Vol. 8, No. 4 (2002).

Sharon Foster

Publications

“Administrative Law: The Case Study Approach to Teaching International Sources Using Traditional and Computerized Media,” The Legal Writing Institute Conference, Knoxville, Tennessee (2002).

Lectures/Speeches/Presentations

“Administrative Law: The Case Study Approach to Teaching International Sources Using Traditional and Computerized Media,” Legal Writing Institute Conference, Knoxville, Tennessee, May 2002.

Morton Gitelman

Publications

“Significant Cases: The Arkansas Lawyer,” Spring 2002.

Carol Goforth

Publications

“An Overview of Organizational and Ownership Options Available to Agricultural Enterprises, Part II,” (Published electronically by the Nat’l Ag. Law Center) (Summer, 2002).

“An Overview of Organizational and Ownership Options Available to Agricultural Enterprises, Part I,” (Published electronically by the Nat’l Ag. Law Center) (Summer, 2002).

“An Introduction to the Federal Securities Laws As They Might Apply to Agricultural Operations,” (Published electronically by the Nat’l Ag. Law Center) (Summer, 2002).

Don Judges

Lectures/Speeches/Presentations

“American Psychology,” Law Society’s Biennial Conference, Austin, Texas, March 2002.

“Mental Health Professionals in the Capital Punishment Process,” Psychologists of Northwest Arkansas, May 2002.

“Eyewitness Evidence,” University of Denver School of Law, September 2002.

Chris Kelley

Publications

“Agriculture,” in *Developments in Administrative Law and Regulatory Practice 2000-2001* 139 (Jeffrey S. Lubbers, ed. 2002).

Introduction to the Federal Farm Program Payment Limitation and Payment Eligibility Rules, 2002 Ark. L. Note 11.

“Pocket part” updates to Domestic Commodity Programs: Federal Crop Insurance: USDA National Appeals Division; USDA Conservation Programs on Non-Federal Lands in 5 West’s Federal Administrative Practice (3rd ed. 1999).

“Dealing with the USDA: Basic Principles of Federal Administrative Law” (2002) (published at www.NationalAglawCenter.org).

Lectures/Speeches/Presentations

American Agricultural Law Association 2002 Conference, Indianapolis, Indiana

2002 Agricultural Law Conference, Manhattan, Kansas

2002 Rural Attorneys Conference, Des Moines, Iowa

Mark Killenbeck

Publications

The Tenth Amendment and State Sovereignty: Constitutional History and Contemporary Issues (Rowman & Littlefield, January, 2002).

“No Harm in Such a Declaration,” in The Tenth Amendment and State Sovereignty:

Constitutional History and Contemporary Issues (Rowman & Littlefield, January, 2002).

“Revolution or Retreat?” in The Tenth Amendment and State Sovereignty: Constitutional History and Contemporary Issues (Rowman & Littlefield, January, 2002).

“The Physics of Federalism,” 51 U. Kan. L. Rev. 1 (2002).

Lectures/Speeches/Presentations

“Madison, M’Culloch, and Matters of Judicial Cognizance: Some Thoughts on the Nature of Judicial Review,” at Symposium, The Commerce Clause: Past, Present, and Future (sponsored by the Wylie H. Davis Professorship, University of Arkansas School of Law (March 2002).

Judith Kilpatrick

Publications

“Changing Firms or Offices: Doing It Right,” 2002 Ark. L. Notes 39.

Lectures/Speeches/Presentations

“Black Lawyers Research,” Butler Center, Little Rock Public Library, February 2002.

“Black Lawyers Research,” UALR School of Law, February 2002.

“Wiley Branton,” UA School of Law, “Six Pioneers” Program, February 2002.

“Black Lawyers Research,” Fayetteville Christian School, February 2002.

“Wiley Branton Research,” AR Historical Association, April 2002.

“Black Lawyers Research,” AR Supreme Court Exhibit “Sowing the Seeds of Civil Rights,” October 2002.

Robert Laurence

Publications

“Casebooks are Toast,” 26 Seattle U.L. Rev. 1 (2002).

“Attacking the Acquisition and Forcing the Sale of an Indivisible Arkansas Homestead,” 55 Ark. L. Rev. 473 (2002).

“Native American Law Entry,” The Oxford Companion to American Law (2002).

“Update: Some Practical Advice on How to Create a Security Interest in a Deposit Account,” 2002 Ark. L. Notes 45.

Lectures/Speeches/Presentations

“American Indian Law,” Waikato University School of Law, Hamilton; Victoria University School of Law, Wellington; Canterbury University School of Law, Christchurch; New Zealand, Summer 2002.

“Debtor-Creditor Law,” CLE program, Fort Smith, 2002.

Robert B Leflar

Publications

“Nihon no Iryo to Ho: Infomudo Konsento Runessansu” (Law and Health Care in Japan: The Renaissance of Informed Consent) (Tokyo: Keiso Shobo 2002) (in Japanese) (Michiyuki Nagasawa, trans.).

“La recepción atípica del consentimiento informado en la medicina japonesa” (The Atypical Reception of Informed Consent into Japanese Medicine), 6(12) *Perspectivas Bioeticas* 87-102 (2002) (in Spanish).

“Kanja no Kenri, Koseirodoshō, Saibanshō” (Patients’ Rights, the Ministry of Health, Labor and Welfare, and the Courts), 54 *Doshisha Hogaku* 799-817 (2002) (in Japanese) (Naoko Morimoto, trans.).

Lectures/Speeches/Presentations

“Error, Safety, and Accountability: Crafting Information Systems on Medical Mistakes in the United States and Japan,” *Nichibei Ho Gakkai* (Japan-America Society for Legal Studies), Yokohama, September 2002.

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