

UNIVERSITY OF ARKANSAS  
FAYETTEVILLE, ARKANSAS

FACULTY PUBLICATIONS  
AND PRESENTATIONS

JULY 1, 2003 – JUNE 30, 2004

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## **Bumpers College of Agricultural, Food and Life Sciences**

### **Books**

- Barnes, J. K. 2003. Natural history of the Albany Pine Bush. New York State Museum Bulletin 502: XIII + 245 pp, 138 color photographs, 3 maps.” Peer reviewed book.
- Hipp, Janie S., H.L. Goodwin, Jr. and Joe Hobson, co-authors and editors. A Practical Guide to Food Safety Regulation. Book under contract with Iowa State Press. July, 2004.
- Horton, D. and D. T. Johnson (Eds.). 2003. Southeastern peach grower handbook. Cooperative Extension Service University of Georgia.” [http://www.ent.uga.edu/Peach/peach\\_handbook/hbk.htm](http://www.ent.uga.edu/Peach/peach_handbook/hbk.htm)

### **Chapters**

- Belesky, D.P., and C.P. West. 2003. “Abiotic Stresses and Endophyte Effects.” In Tall Fescue Information System. <http://forages.oregonstate.edu/>.
- Bolsen, K.K., K.J. Moore, W.K. Coblenz, etc. 2003. “Sorghum Silage.” Pages 609-632 In D.R. Buxton, R.E. Muck, and J.H. Harrison (ed.) Silage science and technology. American Society of Agronomy–Crop Science Society of America–Soil Science Society of America, Madison, WI.
- Coblenz, W.K. Co-author. 2003. Two chapters in Forages, the Science of Grassland Agriculture, Vol II, 6<sup>th</sup> Edition.
- Counce, P.A., D.R. Gealy and S.-J. S. Sung. 2003. “Rice physiology.” In C. W. Smith and R.H. Dilday (Eds). Rice: Origin, History, Technology and Production. John Wiley & Sons, Inc.: New York.
- Cramer, Gail L., Kenneth B. Young and Eric J. Wailes. “Rice Marketing.” In Rice–Origin, History, Technology, and Production, Eds. C. Wayne Smith and Robert H. Dilday. John Wiley and Sons. 2003.
- Daniel, Tommy. 2003. Associate editor Section V in ASA sponsored book entitled APhosphorus: Agriculture and the Environment. Specific chapters are as follows:  
“Agronomic Aspects of Phosphorus Management” by L Bundy and H. Tunney  
“Phosphorus Management in Low Input Agriculture” by B. R. Singh and Rattan Lal  
“Phosphorus Management for Organic Agriculture” by A Oberson and E. Frossard  
“Management of Phosphorus Fertilizers” by P. Withers and N. Hansen  
“Management of Phosphorus By-Products” by G. Mullins, B. Joern, and P. Moore, Jr.  
“Role of precision farming in phosphorus management for agriculture” by A. Mallarino and J. Schepers
- Fageria, N.K., N.A. Slaton and V.C. Baligar. 2003. “Nutrient Management for Improving Lowland Rice Productivity and Sustainability.” In D.L. Sparks (ed.) Advances in Agronomy - Volume 80. Academic Press, New York. p. 64-153.

- Farmer, F., C. Romund, Z. Moon and L. Clark. 2003. "Improving capacity building through social marketing: lessons from the health sector." In Robert Doyle, Makha Khittasangka and Hurriyet Bacan (eds). *Strengthening community competence: Asia-Pacific perspectives* (pp 199-210). Phitsanulok, Thailand: Naresuan University Press.
- Flanders, K. and D. Johnson. 2003. "Green June Beetle." In, Horton, D. (ed.), *Southeastern peach growers handbook*. Cooperative Extension Service University of Georgia.
- Hargis, B.M. 2003. Chickens. In: *World Book Encyclopedia, 2003 Edition*
- Horton, D., D.T. Johnson and H. C. Ellis. 2003. "Aphids." In, Horton, D. (ed.), *Southeastern peach growers handbook*. Cooperative Extension Service University of Georgia.
- Horton, D., H.C. Ellis, R. Gentry and D. Johnson. 2003. "Lesser peach tree borer." In, Horton, D. (ed.), *Southeastern peach growers handbook*. Cooperative Extension Service University of Georgia.
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- Bryant, K.J., R.L. Nichols, C.T. Allen, N.R. Benson, F.M. Bourland, L.D. Earnest, M.S. Kharboutli, K.L. Smith and E.P. Webster. 2003. "Transgenic Cotton Cultivars: an Economic Comparison in Arkansas." *J. Cotton Sci.* 7:194-204.
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### **Invited Lectures**

- Agudelo, P., R.T. Robbins and J.McD. Stewart. 2003. Reproduction Tests of Reniform Nematode Geographic Populations from the US. Beltwide Cotton Conf., 07-10 Jan. 2003. Nashville, TN.
- Agudelo, P., R.T. Robbins, K.S. Kim, and J.McD. Stewart. 2003. Histological and Ultrastructural Observations of a Resistant Reaction of Upland Cotton to Reniform Nematode. Beltwide Cotton Conf., 07-10 Jan. 2003, Nashville, TN.
- Agudelo, P.A., A.F. Robinson, J.M. Stewart, and R.T. Robbins. 2003. Histopathology of Reniform Nematode on Gossypium Longicalyx and Interspecific Cotton Hybrids. 42nd Ann. Mtg. Nematologists Society, 12-17 Jul. 2003, Ithaca, NY.
- Al-Fandi, M., A. Malshe, J.W. Kim, S. Tung, J. Jenkins and S. Sundaram. 2003. "Design and Analysis of Viscous Micropump Actuated Using Biological Cell Motors." ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Washington DC.

- Anders, M.M. No-Till/Conservation Till in Rice. 24<sup>th</sup> Annual Arkansas Agricultural Expo. 30 Jan. 2003 , Forest City Civic Center.
- Anders, M.M., D. Olk, J. Grantham, and J. Holzhauer. Soil and Plant Nitrogen Cycling Under Tillage Practices in Rice-Based Rotations in Arkansas. Paper for 2003 ASA-CSSA-SSSA Annual Meeting, 02-06 Nov. 2003, Denver, Colorado.
- Anthony, Nick. “Divergent selection for Ascites: Development of susceptible and resistant lines.” Pages 39 – 58 Proceedings, National Breeders Roundtable.
- Anthony, Nick. “Understanding the two year technical degree program in agriculture.” Lecture presented at ATI located in Wooster, OH. Ohio State University.
- Appel, T., T. Stauffer, D.J. Carrier and E. Clausen. (2003). “Extraction of silymarin from commercially available dietary supplements.” Presentation to the Midwest American Institute of Chemical Engineering student competition, Lawrence, Kansas, April 5, 2003.
- Bacon, R.K. and J.T. Kelly. 2003. Changes in Wheat Varieties. Seed Dealers Summer Meeting. Branson, MO. (Invited).
- Bacon, R.K., J.T. Kelly, and C.E. Parsons. 2003. Breeding Canola for the Mid-South. US Canola Association Research Conference. Washington, D.C.
- Bailey, W. C. 2003. “The Impact of Financial Stress on the Workforce. American sociological Association.” Atlanta, GA. August, 2003. A Special Session on Debt and Well-Being organized by Dr. Patricia Drentea, University of Alabama, Birmingham.
- Bailey, W. C. and S. Blaise, S. 2003. “AAFCS and the Financial Literacy Resolution: Current Legislative Issues.” American Association of Family and Consumer Sciences. Washington, D.C. June, 2003.
- Bajaj, S. K., P. Chen, D. E. Longer, and P. Feng. 2003. Seed Viability and Vigor of Early Maturing Soybeans in the Southern Production System. Annual ASA Meetings, Denver, CO.
- Bajwa, S. G., J. M. Mason, and R. Norman. 2003. “High-resolution optical sensing of rice nitrogen.” In. Proc. 2003 ASAE annual international meeting, July 27-30, 2003, Las Vegas, NV.
- Bajwa, S. G., J.M. Mason and J. Rupe. 2003. “Remote sensing for agricultural crop stress monitoring and diagnosis.” In. Proc. of 30th International Symposium on Remote Sensing of Environment, November 10-14, 2003, Honolulu, Hawaii.
- Beitle R., C. Ying, R. Henry, J.W. Kim, M. Moore. 2003. “Nuisance Protein Abatement through Proteome Analysis.” 95<sup>th</sup> AIChE Ann. Meet. (Advances in Bioprocessing Session), San Francisco, CA.
- Bottje, W. G., M. Iqbal, N.R. Pumford, C. Ojano-Dirain and K. Lassiter. “Role of mitochondria in phenotypic expression of feed efficiency.” Presented at the Informal Nutrition conference, July, 2003.
- Bourland, F. M. 2003. Progress in UA Cotton Breeding Program. Presented at 2003 Cotton Incorporated Cotton Breeders’ Tour, Lubbock, TX.

- Bourland, F. M. and J. T. Johnson. 2003. Transgenic vs. Conventional Varieties in Arkansas Cotton Variety Tests, 1996-2002. Beltwide Cotton Prod. Res. Conf., Nashville, TN. 06-10 Jan. 2003.
- Boyd, S.A., B.J. Teppen, H. Li, C.T. Johnston and G. Sheng. 2003. Sorption of Nitroaromatic Compounds by Smectite Clay: Implications for Controlling Bioavailability and Toxicity. 226th ACS national meeting, New York.
- Carrier, D.J. and E. Clausen. "Extraction Activities at the University of Arkansas." Presented at the S-1007 committee meeting USDA, Washington D.C., May 2003.
- Carrier, D.J., S. Wallace and E. Clausen. "Milk thistle an interesting herb." The annual IFT meeting, Chicago, IL, July 2003.
- Carrier, D.J.. "An overview of dietary supplements." Annual Fall Nutrition Update, Springdale AR, September 2003. Invited presentation.
- Cartmell, D.; J.D. Miller; R. Telg, K. Boone, T. Irani, M. Tucker and G. Wingenbach. 2003, December. "Future directions for agricultural communications research." Organized symposium at the 2003 National Agricultural Education Research Conference, Orlando, FL. Proposal was peer reviewed.
- Chapman, David. Invited Plenary lecture at the Worlds Veterinary Poultry Association held in Denver CO, July 19-23<sup>rd</sup>, 2003.
- Chapman, David. Invited presentation at Association of Veterinary Research Workers and Teachers Meeting, Scarborough, UK, April 14, 2003.
- Chapman, David. Invited Presentation at U.S. Poultry and Egg Association Poultry Production and Health Seminar, Sept. 17-18, 2003, Memphis, TN.
- Chaubey, I., A.S. Cotter, T.A. Costello, M.A. Nelson and T.S. Soerens. 2003. "Quantification of runoff and nutrient load prediction uncertainty due to GIS data resolution." Proc. AWRC Conference on "Adequate Quality Water Supplies to Meet Our Growing Needs: Scientific, Regulatory, and Public Perspectives," Fayetteville, AR, April 22-23. Peer-reviewed.
- Chaubey, I., D. Sahoo, B.E. Haggard, K.L. White and M. Matlock. 2003. "Assessment of nutrient dynamics in an agriculturally dominated stream." Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22-23. Invited.
- Chaubey, I., M. Matlock and B.E. Haggard. "Integrating physical, chemical, and biological response monitoring for watershed management: stream reach to watershed scale processes and lessons." Annual Conference of the ASA, SSSA, and CSA. Denver, CO. November 2-6, 2003. Invited lecture.
- Chaubey, I., T.A. Costello, K.L. White and A.S. Cotter. 2003. "Stochastic validation of SWAT model." Proc. Total Maximum Daily Load: Environmental Regulations II. ASAE, St. Joseph, MI. Pp. 168-176.
- Chen, P. 2003. Arkansas Soybean Drought Research. United Soybean Board Meeting. St. Louis, MO.

- Chen, P. 2003. Breeding for Disease Resistance in Soybean: The Case of Virus. The 11<sup>th</sup> Congress of AAPRESID Argentinean No-Till Farmers Association-Soybean Research Symposium, Rosario, Argentina. (Invited)
- Chen, P., R. C. Gergerich, C. Zheng, G. R. Buss, and S. A. Tolin. 2003. Genetic Interaction of Differential Soybean Genotypes and Three Soybean Viruses. Annual ASA Meetings, Denver, CO.
- Chun, Y., G. Sheng, B. Xing and C.T. Chiou. 2003. Temperature-Dependent Surface and Adsorptive Properties of Ash Carbon. 2003 Annual Meetings, Soil Science Society of America, Denver, CO.
- Clark J. R. "New blackberry 'Ouachita' and breeding update." SWREC Horticulture Field Day, Hope, Ark. Invited.
- Clark, J. R. "New and exciting blackberry cultivars from the University of Arkansas." 2003 North American Berry Conference, Puerto Vallarta, Mexico. Invited.
- Clark, J.R. "Blackberry breeding and cultivar update." Sunnyridge Farms Grower Meeting, Orlando, Fla. Invited.
- Clark, J.R. "Fruit breeding in Arkansas." Agriculture Victoria Tatura Research and Extension Center, Tatura, Victoria, Australia. Invited.
- Clark, J.R. "Fruit breeding program." Fruit Substation Field Day, Clarksville Ark. Invited.
- Clark, J.R. "Grape Breeding at the University of Arkansas." Sixth Australian Table Grape Technical Conference, Mildura, Victoria, Australia. Invited.
- Clark, J.R. "Peach breeding program update." Peach Field Day, Fruit Substation, Clarksville, Ark. Invited.
- Clark, J.R. "White peach and nectarine releases." SWREC Horticulture Field Day, Hope, Ark. Invited.
- Clark, J.R. 2003. "Blackberry breeding update - new cultivars coming." 22<sup>nd</sup> Annual Horticultural Industries Show, Springdale, Ark. Invited.
- Clark, J.R. 2003. "Blueberry varieties for the Ozarks - standards and anything new to consider?" 2003 Missouri Small Fruit and Vegetable Conference, Springfield, Mo. Invited.
- Clark, J.R. and J.N. Moore. "White River Peach." 22<sup>nd</sup> Annual Horticultural Industries Show, Springdale, Ark. Invited.
- Cornelious, B. K., P. Chen, and D. Wang. 2003. The Search for New Markers Associated with Flood Tolerance in Soybean. Annual ASA Meetings, Denver, CO.
- Costello, T.A., I. Chaubey, K. White, M. Nelson, C. Dunigan and M. Gross. 2003. "Optimizing best management practices, water quality and sustained agriculture in Lincoln Lake." Washington County Conservation District Field Day, Lincoln, AR, October 30, 2003 (presented by Costello).
- Daniel, T.C. 2003. Soil and Water Conservation Hands-On Practicum. Arkansas Crop Management Conference. 27 Jan. 2003. Little Rock, AR.



- Daniel, T.C. (Selected by P Index Team). 2003. The Revised Arkansas Phosphorus Index for Pastures. Presentations made to Special Master (Court Agreement), 19 Dec. 2003. Fayetteville, AR.
- Daniel, T.C. (Selected by group). 2003. Phosphorus Index Overview. Arkansas agency heads and University of Arkansas scientists meeting to review and discuss mutual research interests on the Phosphorus Index. 01 May 2003. Fayetteville, AR. Follow up meeting between Arkansas and Oklahoma agency heads and scientists from Oklahoma State University and the University of Arkansas to discuss mutual research interests. Additional presentation made regarding our mutual effort at developing a plan of work.
- Daniel, T.C., B. Haggard, and A.N. Sharpley, 2003. Best Management Practices Minimize Agricultural Phosphorus Impacts on Water Quality. EPA Region VI. 09 Dec. 2003 Dallas, TX.
- Daniel, Tommy. 2003. Organized and presented with Sheri Herron two half day workshops at the annual meetings of the Soil and Water Conservation Society. Workshop entitle (CE credits) ACNMPs as a Tool to Improve Air Quality and Watershed & Basin Management. 29 July 2003, Spokane, Washington.
- Davidson, M., R.Y. Murphy and J.A. Marcy. 2003. "Thermal inactivation kinetic values for E. coli O157:H7 in commercially formulated beef franks." The Second Governor's Conference on Ensuring Meat Safety: E. coli Progress and challenges. April 7-8, 2003, Lincoln, Nebraska.
- de los Reyes B.G. Seedling Vigor: Integration of Developmental and Stress-related Responses. Dept. of Biological Sciences, University of Maine, Orono, ME, 28 June 2003. (Invited)
- de los Reyes, B.G. 2003. Cold Stress-Induced Gene Expression in Rice Seedlings: Tools for Transcriptome Analysis. Third International Temperate Rice Conference, Punta del Este, Uruguay, 09-13 Mar. 2003.
- de los Reyes, B.G. 2003. Rice Cold Stress Unigene Library. National Center for Biotechnology Information, MD.
- DeLong, R.E., N.A. Slaton, K.R. Brye, N.A. Wolf, and M. Mozaffari. 2003. Relationships Between Organic Carbon and Other Soil Chemical Properties of Arkansas Soils. Amer. Soc. Agron. Meetings, 02-06 Nov. 2003. Denver, CO. ASA, Madison, WI.
- Dighe, N. and J.McD. Stewart. First Stage Hybrid in Introgression of Reniform Nematode Resistance into Upland Cotton. Southern Branch-American Society of Agronomy, 02-04 Feb. 003. Mobile, AL.
- Donoghue, A.M., G. Tellez, W.E. Huff, B.M. Hargis and D.J. Donoghue. 2003. "Anti-microbial therapy and prophylaxis: emerging issues and alternatives to chemotherapy." Proceedings of the XXVIII Concencion Annual de la Asociacion Nacional de Especialistas en Ciencias Aviolas de Mexico. p.30-35.
- Donoghue, D.J. 2003. "Antibiotic and pesticides contamination in eggs: should we be concerned?" Annual Poultry Symposium, Springdale, AR.
- Donoghue, D.J. and B.M. Hargis. 2003. "In vitro selection of enteric microflora for use as probiotic cultures against Campylobacter or Salmonella in Poults." Proceedings Food Safety Consortium.

- Donoghue, D.J., B.M. Hargis, M. Tellez and A.M. Donoghue. 2003. "Alternatives to Antibiotics and their Effects on Food Safety." Proceeding America Feed Industry Association.
- Donoghue, D.J., B.M. Hargis, M. Tellez and A.M. Donoghue. 2003. "Alternatives to Antibiotics and their Effects on Food Safety." Proceeding America Feed Industry Association.
- Donoghue, D.J., P. Blore, R.K. Bramwell and A.M. Donoghue. 2003. "Therapeutic or prophylactic antibiotic administration in breeder hens and its potential effect on competitive exclusion cultures in chicks." Proceedings of the XXVIII Concencion Annual de la Asociacion Nacional de Especialistas en Ciencias Aviolas de Mexico. p.350-355.
- Duan, L., D.J. Carrier and E. Clausen. "Extraction of Health Beneficial Compounds from Milk Thistle Using Hot/Liquid Water." Presented at the 25<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, CO. Poster.
- Edwards, J.T., L.C. Purcell, and E.D. Vories. Light Interception and Yield of Short-Season Cropping Systems in the Midsouth. American Society of Agronomy Annual Meetings, 02-06 Nov. 2003, Denver, CO.
- Ekka, S., B. Haggard, M. Matlock and I. Chaubey. 2003. "Nutrient cycling in urban streams." ASAE International Meeting, Las Vegas, NV, July 2003.
- Erf G. Technical committee member NE-1016 Annual Report, Storrs, Connecticut.
- Erf, G. "Avian cell-mediated immunity." Poultry Science Association, Madison Wisconsin.
- Erf, G. "Smyth Line Chickens – An Animal Model to Study Autoimmune Disease." University of New Hampshire, Durham, New Hampshire.
- Erf, G. Short presentations on "immunology program and flow cytometry" for various recruitment efforts, Fayetteville, AR, 4 to 5 times per year.
- Fallahi, E., C. R. Rom and B. Fallahi. 2003. "Influence of organic blossom thinners on fruit set and quality of apples, peaches, and plums." HortSci. 38(5): 690 [abst.]
- Feng, C-D., J.McD. Stewart, and M. Ulloa. 2003. Genetic Diversity among Arborescent Gossypium Species Revealed by RAPD and AFLP. Beltwide Cotton Conf., 07-10 Jan. 2003, Nashville, TN.
- Feng, Chunda, and J.McD. Stewart. 2003. A cDNA-AFLP Profile of Cotton Gene Response to Water Stress. CSSA, 02-06 Nov. 2003, Denver, CO.
- Fitch, M. 2003. "Nutrition impact of spinach consumption on the American diet." National Spinach Conference. Fayetteville, Arkansas.
- Foote, J. February, 2003. "Evaluating the safety of dietary supplements." Presented at Northwest Arkansas District Dietetic Association.
- Foote, J. May, 2003. "?Usas Manzanilla? An opportunity to promote dietary supplement safety." Colorado Department of Health and Environment annual Women, Infant, Children (WIC) meeting.
- Foote, J. October, 2003. "Evaluating the safety of dietary supplements used in sports." Presented at John Brown University. Siloam Springs, Arkansas.

- Garcia, G., C. Sneller, C. Griffey, and R. Bacon. 2003. Genotype by Environment Interaction for Solvent Retention Capacities in Eastern and Southern Soft Wheat. American Society of Agronomy Meetings. Denver, CO.
- Garg, V., S. G. Bajwa, I. Chaubey, and B. E. Haggard. 2003. "Effect of Suspended Sediment Depth Distribution in Water on Spectral Reflectance." 2003 AWRA Spring Specialty Conference Agricultural Hydrology and Water quality. May 12-14, Kansas City, MO.
- Godoy, S., E.A. Garcia, M. Ulloa, and J.McD. Stewart. 2003. Establishment and Maintenance of a Mexican National Cotton Germplasm Resource Nursery. Beltwide Cotton Conf., 07-10 Jan. 2003, Nashville, TN.
- Goodwin, Jr., H. L. "Policy Concerns and their Economic Impact." Presented at Texas Poultry Litter and Water Quality Conference, Austin, Texas, August 12-13, 2003.
- Greer, K.M., S.E. Ziegler, P.M. White, Jr., G.J. Thoma, and D.C. Wolf. 2003. Dynamics of Biological Components During Phytoremediation of Crude-Oil Contaminated Soil. In Annual Meetings Abstracts. ASA, CSSA, SSSA, Madison, WI. [CD-ROM].
- Griffis, C. and D.J. Carrier. "Being a freshman in Biological Engineering at the University of Arkansas." American Society for Engineering Education, Nashville, TN, June 2003.
- Griffis, C. and M. Matlock. 2003. "Design Studio Approach to Engineering Education – Phase 1." ASEE Annual Meeting, Nashville Tennessee, June 2003.
- Groves, F. E., K. L. Smith, N. R. Burgos and J. B. Murphy. 2003. "Influence of Growth Stage on Sugar Translocation and Control of Yellow Nutsedge." Proc. South. Weed Sci. Soc. 56:26-27.
- Haggard, B.E., S.A. Ekka, M. Matlock, P.A. Moore, Jr. and I. Chaubey. "Release of phosphorus from streams and reservoir sediment: effect of chemical amendments." Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22–23, 2003. Invited.
- Hargis, B.M., A.M. Donoghue, S.E. Higgins, D.J. Donoghue and G.I. Tellez. 2003. "Alternatives to Antibiotics for Control of Bacterial Pathogens in Poultry." Proceedings of the XXVIII Concencion Annual de la Asociacion Nacional de Especialistas en Ciencias Aviolas de Mexico. p.20-25.
- Harper, T.W., T.C. Daniel, M.M. Anders, and N.A. Slaton. 2003. Effects of Conservation Tillage on Runoff Water Quality in the Arkansas Delta. Arkansas Crop Protection Assoc. Conf. 02 Dec. 2003, Fayetteville, AR.
- Hendrix, B., and J.McD. Stewart. 2003. Modification of a bacterial chitosanase gene for plant expression to enhance antifungal defense responses. Beltwide Cotton Conf., 07-10 Jan. 2003, Nashville, TN.
- Hendrix, B.L. and J.McD. Stewart. 2003. Chitosanase May Enhance Anti-Fungal Defense Responses in Tobacco. Workshop on Cotton Fiber Genomics, Davis, CA, 11 Apr. 2003.
- Hendrix, B.L. and J.McD. Stewart. In planta Test of the Anti-Fungal Potential of a Transgenic Bacterial Chitosanase. Southern Branch-American Society of Agronomy, 02-04 Feb. 2003. Mobile, AL.

- Hendrix, B.L. and J.McD. Stewart. 2003. Evaluation of a Transgenic Chitosanase as an Antifungal Agent. Annual ASA Meetings, 02-06 Nov. 2003. Denver, CO.
- Hettiarachchy, N.S and R. Horax. 2003. "Modifications of proteins: Chemical and enzymatic methods and functionality." In "Soy Foods" Short Course. AOCS pre-meeting Kansas City, Missouri, May.
- Hettiarachchy, N.S. 2003. "Edible films from proteins." Vitamins Supplement industry in Switzerland, August 2003.
- Hettiarachchy, N.S. 2003. "Protein, Food safety and nutraceutical research program." Vitamins Supplement industry in Switzerland, August 2003.
- Hettiarachchy, N.S. 2003. "Rice protein production and functionality." Vitamins Supplement industry in Switzerland, August 2003.
- Hettiarachchy, N.S. and R. Horax. 2003. "Composition and nutraceuticals in exotic Arkansas grown vegetables." August, Pine Bluff, Arkansas.
- Hettiarachchy, N.S. and R. Horax. 2003. "Preparation and shelf life stability of isoflavones (genestein) enriched soy protein concentrate." Fourth International conference and exhibition on nutraceuticals and functional foods. Sept. 28-30, and Oct.1. Also published in the report p. 483-494 .
- Hornbeck, J.M., S. B. Jackson, S.B., J.T. Johnson, and F.M. Bourland. 2003. Variation in Marginal Bract Trichomes Among Contrasting Cotton Cultivars. Beltwide Cotton Prod. Res. Conf., Nashville, TN. 06-10 Jan. 2003.
- Howard, L.R. 2003. "Antioxidant capacity and phytonutrient content of spinach and blueberries as affected by genetics, maturation and growing season." Functional Foods and Biotechnology: A Critical Interaction Workshop sponsored by USDA-CSREES. October. Washington, DC.
- Howard, L.R. 2003. "Flavonoid glycosides and antioxidant capacity of blueberry, blackberry and red grape genotypes." Arkansas Biosciences Institute Annual Meeting. October. Little Rock, AR.
- Howard, L.R. 2003. "Health benefits of fruits." Salute of Fruit Workshop sponsored by the University of Arkansas Fruit Substation, University of Arkansas Horticulture Department and the Arkansas Cooperative Extension Service. June. Clarksville, AR.
- Howard, L.R. 2003. "Antioxidant capacity, total phenolic, and total flavonoid content of spinachas affected by genotype and maturation." International Spinach Meeting. 2003. Fayetteville, AR.
- Ishibashi, T., C. H. Sneller, P. Chen, and G. Shannon. 2003. Stability Analysis of Soybean Yield under Ultra-short Season Production System in the Mid-South. Annual ASA Meetings, Denver, CO.
- Jackson, S.B., J.M. Hornbeck and F.M. Bourland. 2003. Measurement and Relationships of Leaf, Stem and Bract Trichomes on Cotton. Beltwide Cotton Prod. Res. Conf., Nashville, TN. 06-10 Jan. 2003.

- Jennings, J.A., D.E. Kratz, M.S. Gadberry, C.P. West, and T.R. Troxel. 2003. Reducing Winter Feed Costs in Arkansas with Stockpiled Fescue Demonstrations. Amer. Soc. Agronomy Annual Meeting, Denver, CO.
- Johnson, J. T. and F. M. Bourland. 2003. Stability of Basic Yield Components of Cotton over Years and Locations. Beltwide Cotton Prod. Res. Conf., Nashville, TN. 06-10 Jan, 2003.
- Johnson, V. J. Gibbons, K. Moldenhauer, F. Lee, P. Sing, Z. Wang, and Y. Jai. 2003 Development of Rice Cultivars with Improved Blast Resistance Using Marker Assisted Selection. American Phytopathological Meetings, 09-13 Aug. 2003. Charlotte, NC.
- Karcher, D.E. 2003. "A digital approach to quantifying turfgrass quality." Bayer Chipco Disease Seminar. Ft. Lauderdale, FL. March 2003. Invited.
- Karcher, D.E. 2003. "Achieving Drainage The golf course way." Ozark Rock Garden Society January Meeting. Bentonville, AR. January 2003. Invited.
- Karcher, D.E. 2003. "Fertility programming for home lawns." 2003 Arkansas Turfgrass Conference. Hot Springs, AR. January 2003. Invited.
- Karcher, D.E. 2003. "Plant growth regulators and other tools for turf recovery." 2003 New Mexico Turfgrass Conference, Ruidoso, NM. September 2003. Invited.
- Karcher, D.E. 2003. "Turfgrass recovery from injury." 2003 Tennessee Turfgrass Conference. Nashville, TN. January 2003. Invited.
- Karcher, D.E. 2003. "Water injection cultivation- what is it good for?" 2003 New Mexico Turfgrass Conference, Ruidoso, NM. September 2003. Invited.
- Karcher, D.E. 2003. "What Do We Know About Localized Dry Spot?" 2003 Tennessee Turfgrass Conference. Nashville, TN. January 2003. Invited.
- Kavdia, M. and A.S. Popel. "Contribution of non-endothelial sources of nitric oxide to smooth muscle nitric oxide availability." Biomedical Engineering Society (BMES) Annual Fall Meeting, Nashville, Tennessee, October, 2003.
- Kavdia, M. and A.S. Popel. "Model for endothelium-derived nitric oxide transport between paired arterioles and venules." Biomedical Engineering Society (BMES) Annual Fall Meeting, Nashville, Tennessee, October, 2003.
- Kegley, E.B. "Role of trace minerals and vitamins in optimizing immune function of cattle." Joint Annual Meeting of the American Dairy Science Association, American Society of Animal Science, and the Mexican Association of Animal Production, Phoenix, AZ. June, 2003.
- Kellogg, D.W. 2003. "Healthy Pets: Equine and bovine." January 23, 2003. Family Health Today. Jones Television Network, Springdale.
- Kellogg, D.W. 2003. "Management practices used by the nation's top producing dairy herds." Seminar at Dept. Animal and Range Sciences, New Mexico State University, Las Cruces.
- Kelly, J.T. , E.E. Gbur, R.K. Bacon, and C.E. Parsons. 2003. Comparison of Public and Private Soft Red Winter Wheat Breeding Programs Using Arkansas Small Grain Cultivar Performance Data. American Society of Agronomy Meetings. Denver, CO.

- Kenty, M. M., J. M. Thomas, J.C. Banks, N. Buehring, R. R. Dobbs, M. P. Harrison, D. Dunn, W. E. Stevens, C. J. Green, B. Lewis, J. McConnell, and D. D. Howard. 2003. Cardy Meter, an Effective Tool for Quick Assessment of Cotton N and K Levels. 06-10 Jan. 2003. Beltwide Cotton Prod. Res. Conf. Nashville, Tennessee.
- Kenty, M., J. Thomas, J.C. Banks, S. Osborne, T. Blythe, N. Buehring, M.P. Harrison, C. Burmester, J. Camberato, D. Dunn, W. Stevens, K. Edminsten, C. Green, S. Hague, A.M. Stewart, G. Harris, M. Holman, D.D. Howard, B. Lewis, J. Matocha, J. McConnell, and M. Zerkoune. 2003. Evaluating the Need for Foliar N Based on Field Testing, Soil N Rates, and Foliar N Sources. 06-10 Jan. 2003. Beltwide Cotton Prod. Res. Conf. Nashville, Tennessee.
- Kim, B., X.L. Su and Y. Li. 2003. "Evaluation of three immobilization methods for a capillary immunosensor for rapid detection of Salmonella Typhimurium." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Kim, B., X.L. Sun and Y. Li. "Detection of Salmonella Typhimurium Based on Oxygen Consumption Monitoring Using a Fiber Optic Oxygen Sensor." Presented at IBE 2003 Annual Meeting, January 17-19, Athens, GA.
- Kim, J.W., A. Malshe and S. Tung. Bio-Inspired MEMS: "A Novel Microfluidics System Actuated by Biological Cell Motors." 2003 Institute of Biological Engineering (IBE) Annual Meeting, Athen, GA.
- Kim, J.W., A. Malshe, and S. Tung. 2003. "Bio-Inspired MEMS: A Novel Microfluidics System Actuated by Biological Cell Motors." 2003 Institute of Biological Engineering (IBE) Annual Meeting, Athen, GA.
- Kim, J.W., C.C. Lee, R. Pooran, S. Tung and A. Malshe. "Bio-Micro-Electro-Mechanical System (Bio-MEMS) Controlled by Microbial Cell Motors." 2003 American Society of Agricultural Engineers (ASAE) Annual International Meeting, Las Vegas, NV.
- Kim, J.W., C.C. Lee, R. Pooran, S. Tung and A. Malshe. 2003. "Bio-Micro-Electro-Mechanical System (Bio-MEMS) Controlled by Microbial Cell Motors." 2003 American Society of Agricultural Engineers (ASAE) Annual International Meeting, Las Vegas, NV.
- Kim, J.W.. "Interfacing Biological and Abiological Components at the Nanoscale." 2003 ASAE Annual Meeting (Special Session of Opportunities in Nanoscale Engineering), July 27-30, Las Vegas, NV.
- King, C.A., L.C. Purcell, T.R. Sinclair, and R. Nelson. Screening Maturity Group IV Soybean Plant Introductions for Drought-Tolerant Dinitrogen Fixation. American Society of Agronomy Annual Meetings, 02-06 Nov. 2003, Denver, CO.
- Kirby, J. "Dramatic Improvements in broiler performance through genetic selection: At what cost?" October 2003, USDA ARS Hybrid Striped Bass Genetic Improvement Meeting, Stuttgart, AR. Invited.
- Kirby, J. "Risks and Benefits of genetically modified foods." November 11, 2003. Russleville Kiwanis Club, Farm and Town Luncheon. Invited.

- Kirby, J., "U of A DNA Core Lab and the Poultry Industry". April 2003, Poultry Science Technical Advisory Committee Meeting, Springdale.
- Lau, S., D. J. Carrier, L. Howard, J. Lay, J. Archambault and E Clausen. "Extraction of Antioxidant Compounds from Energy Crops." Presented at the 25<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, CO. Poster.
- Li, Y. "Food safety and security engineering." Invited presentation at Forum on Advanced Agricultural and Biological Engineering in China, Hangzhou, China, October 10, 2003.
- Li, Y. and X.L. Su. 2003. A QCM based immunosensor for rapid detection of Escherichia coli O157:H7. A progress Report in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports, October 12-14, Fayetteville, AR.
- Li, Y., S. Ang, X.L. Su, L. Yang and X Yu. 2003. "Immuno-impedance biosensor for detection of foodborne pathogens." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. A progress Report in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Li, Y., S. Ang, X.L. Su, L. Yang, R. Al-Haddad and B. Swem. 2003. "An immuno-impedance biosensor for rapid detection of pathogens in poultry samples." A progress Report in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports, October 12-14, Fayetteville, AR.
- Li, Y., X. Su, B. Kim and L. Yang. "Electrochemical, optical and impedance sensing methods for detection of live Salmonella Typhimurium." Presented at the 2003 ASAE Annual International Meeting, July 27-30, 2003, Las Vegas, NV. ASAE Paper No. 037006.
- Lindstrom, J.T. 2003. "In the Garden and the Greenhouse: Buddleja breeding at the University of Arkansas." The Arkansas Plant Materials Conference, University of Arkansas Cooperative Extension. Invited.
- Lindstrom, J.T. 2003. "Mixed-use gardening, ferndale native plant conference." University of Arkansas Cooperative Extension. Invited.
- Lindstrom, J.T. 2003. "New plants." Arkansas Green Industry Association Annual Meeting, Hot Springs, AR. Invited.
- Lindstrom, J.T. 2003. "Salutations and farewells, plants at the edge of seasons." Proceedings of the 22<sup>nd</sup> Annual Horticulture Industries Show, Springdale, AR. Invited.
- Liu, Z., B. Swem and Y. Li. 2003. "Pasteurization of bacon chilling brine using a flow-through electrolyzing treatment chamber: a pilot plant test." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Mao, X., L. Yang and Y. Li. 2003. "A quartz crystal microbalance based DNA sensor for detection of Escherichia coli O157:H7." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.

- Mason, J. M., S.G. Bajwa and J. Rupe. 2003. "Discrimination between soybean stresses using hyperspectral reflectance data." In. Proc. 2003 ASAE annual international meeting, July 27-30, 2003, Las Vegas, NV.
- Matlock, M. "Collaborative Learning as a tool for Analysis and Deliberation in Watershed Policy Development." Geological Society of America Annual Meeting, Seattle, WA. Nov. 3, 2003.
- Matlock, M. "Developing an Urban Watershed Rehabilitation Method Using Stakeholder Feedback." National EPA Research Conference, EPA Region VI, Dallas, Texas. May 28, 2003.
- Matlock, M. "Keynote Speaker: Developing Ecologically-Based Thresholds for Significant P Thresholds in Waters." The International Phosphorus Linking Workshop - "Linking sources of phosphorus and sediment in the landscape to ecological impacts in waters - seeking an integrated approach". Sponsored by the Department for Environment, Food, and Rural Affairs, United Kingdom. London, England, May 8-9, 2003.
- Matlock, M. "Rules of Engagement for Stakeholders." Arkansas Water Resource Center Annual Conference, Fayetteville, AR. April 22, 2003.
- Matlock, M. "The TMDL Program - Challenges and Opportunities." Texas A&M University Seminar Series - Soil, Crop, and Environmental Sciences Department. College Station, TX, April 2, 2003.
- Matlock, M., I. Chaubey, B. Haggard and T. Costello. "Engaging Stakeholders in Watershed Management Processes Using a Decision Support System. Changing Sciences for a Changing World: Building a Broader Vision" 2003 ASA-CSSA-SSSA Annual Meetings, Denver, Colorado. November 2-6, 2003.
- Matlock, M., I. Chaubey, B.E. Haggard and T.A. Costello. "Engaging stakeholders in watershed management process using a decision support system." Annual Conference of the ASA, SSSA, and CSA. Denver, CO. November 2-6, 2003. Invited.
- Matlock, M., R. Kiesling, D. Storm and B. Haggard. "Developing a Phosphorus Threshold for Ozark Streams." Invited Presentation, USEPA Region VI Technical Advisory Group Meeting, Dallas, TX. December 2, 2003.
- Mauney, J.R., and J.McD. Stewart. 2003. Embryo Development Within Bolls Exhibiting the AHollow Seed Syndrome. Beltwide Cotton Conf., 07-10 Jan.2003. Nashville, TN.
- McConnell, J.S. 2003. Minimizing Sediment Loss from Cotton Fields with Conservation Tillage. 23-24 Jan. 2003. Nat. Conser. Till. Conf. Houston, Texas. (Invited)
- McConnell, J.S., M. Mozaffari, B.A. Meyers, and R.E. Glover. 2003. Plant Responses of Ultra Narrow Row Cotton to Nitrogen Fertilization. 02-06 Nov. 2003. Nat. Amer. Soc. of Agron. Mtg. Denver, Colorado.
- Meek, C., D.M. Oosterhuis, and J.McD. Stewart. Physiological and Molecular Responses of Common Cotton Cultivars under Water-Deficient Conditions. World Cotton Research Conference-3, Cape Town, SA, 10-13 Mar. 2003.
- Meek, C., J.McD. Stewart, D.M. Oosterhuis, and B. de los Reyes. 2003. Comparative Expression Among Cotton Cultivars of Selected Genes Associated with Water-deficit Stress. Beltwide Cotton Conf. 07-10 Jan. 2003. Nashville, TN.



- Meullenet, J-F. 2003. "Correlation of Sensory and Consumer Data to Instrumental Measurements." Martek Biosciences, Columbia, MD. October.
- Meullenet, J-F. 2003. "Sensible Sensory Testing: Methods for Understanding Consumers." June 27, 2003 KoSFoST Symposium on Recent Trends in Food Science and Technology Book of Abstract (South Korea).
- Meullenet, J-F. 2003. "The Perception of Texture in Food: The Role of Biomechanics." University of Georgia, Department of Food Science and Technology. March.
- Miller, J.D. and M. Annou. 2003, February. "Using content analysis to examine media coverage of new agricultural technologies." Symposium presentation at the 2003 Southern Agricultural Economics Association Meeting, Mobile, AL.
- Mishra, A., S. G. Bajwa and R. Norman. 2003. "Remote sensing for rice nitrogen estimation and management." ASAE state meeting, Oct 4, 2003.
- Mishra, A., S. G. Bajwa and R. Norman. 2003. "Remote sensing for rice nitrogen estimation and management." GIS day open house and symposium, Nov 19, 2003.
- Moldenhauer, K.A.K. 2003. Future of Rice Varieties: What's New, What's Coming? Rice Dryers Association. 28 Feb. 2003. Tunica, MS. (Invited).
- Moldenhauer, K.A.K. 2003. Rice Breeding Program. Arkansas Seed Dealers Association. 31 Jul. 2003. Branson MO. (Invited).
- Moldenhauer, K.A.K. 2003. What's New in Rice Varieties? Nineteenth Annual Rice Seminar, 04 Mar. 2003. Destin Fl. (Invited).
- Moldenhauer, K.A.K., 2003. Performance of Francis and other potential varieties. Rice Breeders Conference. 20 Feb. 2003 Monroe, LA.
- Moreno, L., P. Fenn, T. Ishibashi, and P. Chen. 2003. Soybean Seed Yield and Quality under Ultra-Short Season Production System. Annual ASA Meetings, Denver, CO.
- Morgan, R., A. Ludwig, B. Schafer, E. Cummings and M. Matlock. 2003. "Restoring ecological services to an urban stream." ASAE International Meeting, Las Vegas, NV, July 2003.
- Mozaffari, M, N.A. Slaton, L. Espinoza, R. Thompson, and R. DeLong. 2003. Effect of Rate and Timing of Foliar Boron Application on Soybean Yield and Boron Content. Southern Branch Amer. Soc. Agron. Meetings, 02-05 Feb. 2003. Mobile, AL.
- Mozaffari, M. 2003. Soil Fertility and Nutrient Management Research on Cotton in Arkansas. Presentation at the 75 th Anniversary of the University of Arkansas Cotton Branch Experiment Station.
- Mozaffari, M., M. A. Henslee, N. A. Slaton, E. Evans and C. Kennedy. 2003. Effect of Phosphorus and Potassium Fertilization on Cotton Yield and Petiole Potassium. Southern Branch Amer. Soc. Agron. Meetings. 02-05 Feb. 2003. Mobile, AL.
- Mozaffari, M., N.A. Slaton, L. Espinoza, M.A. Henslee. 2003. An Assessment of Boron Status of Soybean Fields in Arkansas. Southern Branch Amer. Soc. Agron. Meetings, 02-05 Feb. 2003. Mobile, AL.
- Murphy, R. Y. 2003. "Improving process control to ensure food safety." October 7, 2003. Thermal Processing, Safety, and Validation Workshop. Fayetteville, AR.

- Murphy, R. Y. 2003. "Improving process control to ensure food safety." September 10, 2003. USDA-ARS. Eastern Regional Research Center, Wyndmoor, PA. Invited.
- Murphy, R. Y. 2003. "Process Validation." October 9, 2003. Thermal Processing, Safety, and Validation Workshop. Fayetteville, AR.
- Murphy, R.Y. "Eliminating *Listeria monocytogenes* from packaged and refrigerated ready-to-eat poultry products." National Alliance for Food Safety Annual Meeting. August 9, 2003. New Orleans, LA.
- Murphy, R.Y. 2003. "A model for heat/mass transfer and pathogen kinetics." March 18, 2003. Food and Drug Administration. Washington, DC.
- Murphy, R.Y. 2003. "A model for heat/mss transfer and pathogen kinetics." March 17, 3003, American Meat Institute. Washington, DC.
- Murphy, R.Y. 2003. "Thermal process modeling." July 9, 2003. USDA-FSIS. Technical Service Center, Omaha, NE.
- Murphy, R.Y. 2003. "ThermoPro—an integrated approach in thermal processing and food safety." March 21, 2003. USDA-FSIS. Washington DC.
- Murphy, R.Y., J.A. Marcy, B.L. Beard and N. Feze. 2003. "Thermal inactivation of *Listeria monocytogenes* in vacuum-packaged ready-to-eat poultry products during post-cook in-package pasteurization." 85-6. IFT Annual Meeting, July 12-16, Chicago, IL. Oral.
- Murphy, R.Y., K.H. Driscoll and B.L. Beard. 2003. "Heat transfer coefficient in different thermal processing systems for meat and poultry products." 29D-12. IFT Annual Meeting. July 12-16, Chicago, IL.
- Niu, Z., Z. Dapeng, Z. Jicheng and C. R. Rom. 2003. "Factors affecting carbon exchange characteristics of apple tree." HortSci. 38(5): 809 [abst.]
- Norman, Richard. 2003. New Nitrogen Fertilizers for Proposed for Use in Rice. Nitrogen Management Conference. West Memphis, AR. 17 Dec. 2003.
- Norman, Richard. 2003. Nitrogen Fertilization of Rice and Use of Ammonium Sulfate and Agrotain. UAP Meeting, New Orleans, LA. 26 June 2003.
- Norman, Richard. 2003. Nitrogen Management in Rice Production. Missouri Delta Center Research Update. Portageville, MO. 11 Dec. 2003.
- Norman, Richard. 2003. Nitrogen Sources and Management of Delayed Flood Rice. Presentation to Helena Chemical Technical Representatives. Monroe, LA. 16 Oct. 2003.
- Norman, Richard. 2003. Use of Poultry Litter as a Soil Amendment. Beaumont TX. 21 Jan. 2003.
- Oliver, Dick. 2003. History and Events of Southern Weed Contest. South. Weed Sci. Soc. Grad. Student Organ., Houston, TX. (Invited)
- Oliver, Dick. 2003. Management of Hoelon-Resistant Ryegrass. Southern Small Grain Workers Conf., Little Rock. (Invited)
- Oosterhuis, D.M. 2003. Determination of the Effect of Extreme Temperatures During the Boll Development Period on Yield and Quality Factors. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.

- Oosterhuis, D.M. 2003. Effect of *Bacillus cereus* on Cotton Growth and Yield. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.
- Oosterhuis, D.M. 2003. Effect of TRIMAX Insecticide on the Physiology, Growth and Yield of Cotton. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.
- Oosterhuis, D.M. 2003. Effects of Early-Season Adverse Conditions on Root Development and the Subsequent Ability of the Crop to Withstand Drought and High Temperature Stress During Boll Development and Yield Formation. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.
- Oosterhuis, D.M. 2003. Evaluation of New Techniques for Characterizing the Nitrogen Status of Cotton. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.
- Oosterhuis, D.M. 2003. Increased Efficacy of Bt Cotton with Arysta EXP NP32. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.
- Oosterhuis, D.M. 2003. Overview of Research on the TRIMAX Insecticide on the Physiology, Growth and Yield of Cotton. Bayer Cropscience Research Meeting, Raleigh, NC. 08 Aug. 2003. (Invited).
- Oosterhuis, D.M. 2003. Quantification of Differential Genotypic Physiological and Biochemical Response to Environmental Stress During Boll Development to Explain Yield Variability. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.
- Oosterhuis, D.M. 2003. Stress Physiology in Crop Production. Florida Consultants meeting, Sandestin, FL. 17 Feb. 2003. (Invited)
- Oosterhuis, D.M. 2003. Study of Mid-Season Potassium Deficiency and Water Deficit Stress Effects on Carbohydrate and Energy Production and Partitioning as Related to Variability in Yield and Fiber Quality. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.
- Oosterhuis, D.M. 2003. Field Test of a Protein Translocation Enhancer to Increase Bt Endotoxin Levels and Insect Mortality. Arkansas Cotton State Support Committee. Little Rock, AR. Aug. 2003.
- Oosterhuis, D.M. 2003. Agronomic Concepts and Approaches for Sustainable Cotton Production. Proc. Third World Cotton Research Conference, Cape Town, South Africa. 09-13 Mar. 2003. (Invited, Plenary Paper, co-authored)
- Oosterhuis, D.M. and D.L. Coker. 2003. Effect of Foliar Potassium and Water Stress on Growth and Yield of Cotton. Agronomy Meetings, Indianapolis, IN.
- Oosterhuis, D.M. and M. Arevalo. 2003. Effect of Night Temperature on Boll Growth and Yield. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.
- Oosterhuis, D.M. and R.S. Brown. 2003. Effect of Soil and Foliar-Applied Boron on the Physiology and Yield of Cotton under Two Nitrogen Regimes. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.
- Oosterhuis, D.M. and R.S. Brown. 2003. The Dynamics of Dry Matter Partitioning in the Cotton Boll of Modern and Obsolete Cotton Cultivars. Beltwide Cotton Conferences. Nashville, TN, 07-10 Jan. 2003.

- Osaili, T.M. and R.Y. Murphy. 2003. "Thermal inactivation D and z values of Salmonella Senftenberg in chicken dark muscle meat." 60C-22. IFT Annual Meeting, July 12-16, Chicago, IL.
- Osaili, T.M. and R.Y. Murphy. 2003. "Thermal inactivation of Salmonella and Listeria in chicken leg quarters during steam and air impingement cooking." 85-3. IFT Annual Meeting. July 12-16, Chicago, IL. Oral.
- Osborn, G.S. and M.D. Matlock. 2003. "A Portable Oxygenator for Enhancing Biological Treatment Processes in Water Ecosystems." ASAE Technical Meeting Presentation no. 037035. ASAE. St. Joseph, MI.
- Pohlman, F.W. 2003. "Postharvest pathogen interventions for meat and poultry." Proceedings of the 56<sup>th</sup> American Meat Science Association Reciprocal Meat Conference. University of Missouri-Columbia. USA, pp. 39-47.
- Pooran, R., J.W. Kim, S. Tung, A. Malshe, C.C. Lee and R. Pooran. 2003. "Integration of cellular motors with micro channels." ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Washington DC.
- Popp, Jennie S., Eric J. Wailes, Kenneth B. Young, Jim Smartt and Walaiporn Intarapapong. "Use of On-Farm Reservoirs in Rice Production: Results from the MARORA Model." Southern Agricultural Economics Association (SAEA) Meetings, February 1-5, 2003 in Mobile, Alabama.
- Powell, A. October 14, 2003. "Arkansas Hospitality!" Presented at joint meeting of Arkansas Hospitality Association Board of Directors and the Arkansas Tourism Association Board of Directors at the Arkansas Hospitality Association Convention and Trade Show, Little Rock, Arkansas.
- Pradhan, A.K., B. Swem and Y. Li. 2003. "A mathematical predictive model for the survival/growth/death of Salmonella Typhimurium in broiler hatchery." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Proctor A. 2003. "Green chemistry through rice hull utilization." Department of Chemistry, University of York, England. May.
- Proctor, A. 2003. "Industrial materials from rice hull ash." Arkansas Rice Research and Extension Center Field Day. Stuttgart, AR. August.
- Proctor, A. and M. Monsoor. 2003. "Rice bran emulsion extracts: Chemical and functional properties." Annual Meeting of the American Oil Chemists Society, Kansas City, MO. May. AOCS Outstanding Paper Award.
- Purcell, L.C. 2003. Differences among Soybean in Wilting and Drought Tolerance. Rice Research and Extension Center Study Day. 13 Aug. 2003, Stuttgart, AR. (Invited).
- Purcell, L.C. 2003. Matching Soybean Production Systems with Weather Patterns for Drought Avoidance. Tri-State Soybean Conference. Tallulah, La. 03 Jan. 2003. (Invited).
- Purcell, L.C. 2003. USB-funded Drought Research in Arkansas. The United Soybean Board Production Committee meeting. 05 Mar. 2003, Raleigh, NC. (Invited).

- Purcell, L.C., and J.T. Edwards. 2003. Ultra-Early Soybean Production for Temperate Latitudes. Proc. of the 11<sup>th</sup> Congress of AAPRESID, Argentinean No-Till Farmer's Association. 26-29 Aug. 2003, Rosario, Argentina. (Invited). p. 129-138.
- Purcell, L.C., and M.K. Davies. 2003. Thermal Time Requirements for Development of *Arabidopsis thaliana*. American Society of Agronomy Annual Meetings, 02-06 Nov. 2003, Denver, CO.
- Purcell, L.C., T.R. Sinclair, and R.W. McNew. 2003. Drought Avoidance Assessment for Summer Annual Crops Using Long-Term Weather Data. Southern Branch of the American Society of Agronomy Annual Meetings, 02-04 Feb. 2003, Mobile, AL.
- Rainey, Daniel V. and Olga Murova. "Public Capital and Rural Development." Paper presented at the Rural Sociology Society's/American Agricultural Economics Association's annual meeting. Montreal, Canada. July 2003.
- Rainey, Daniel V., Kenneth L. Robinson, Ivye Allen and Ralph D. Christy. "Essential Forms of Capital for Sustainable Community Development." Presented at the Allied Social Science Association's annual meeting. Washington, DC. January 2003. Invited Presentation.
- Richardson, M.D. 2003. "Foliar fertilization and disease management." Metro Turf Supplies Annual Long Island Conference. Plainview, NY. Invited.
- Richardson, M.D. 2003. "Foliar fertilization of creeping bentgrass." Minnesota Turfgrass Conference. Minneapolis, MN. Invited.
- Richardson, M.D. 2003. "Is foliar fertilization right for your program?" Metro Turf Supplies Annual Connecticut Conference. Danbury, CT. Invited.
- Rom, C.R. 2003. "Methods of fruit crop load management in organic orchards." Organic Fruit Growing Workshop, Watsonville, CA. Mar. 2003. Invited.
- Rom, C.R. 2003. "One hundred years of pomological progress." Annual meeting of the American Pomological Society. Invited.
- Rutledge, E. Moye. 2003. Concepts of Storage Within Septic System Filter Fields. Arkansas Board of Health. Nov. 2003. Little Rock, AR. (Invited)
- Rutledge, E. Moye, Phillip R. Owens. 2003. Relic Wetness Features in the Soils of the Eastern Lowlands of Arkansas. Soil Survey and Land Resource Workshop. 09 Feb. 2003. Texas A & M University, College Station, TX. (Invited)
- Sahoo, D., I. Chaubey, B. Haggard and M. Matlock. 2003. "Nutrient cycling in agricultural streams." ASAE International Meeting, Las Vegas, NV, July 2003.
- Sahoo, D., I. Chaubey, B.E. Haggard, M.D. Matlock and T.A. Costello. 2003. "Stream nutrient dynamics and sediment nutrient interactions in an agricultural watershed." ASAE Paper No. 03-2281, ASAE, St. Joseph, MI.
- Savin, M. C., K. R. Brye, and T. M. Madewell. 2003. Has Restructuring Curriculum Changed Alumni Perspectives? Suggestions for the future. ASA-SSSA-CSSA, Denver, CO.

- Siebenmorgen, T.J. 2003. "Applying glass transition principles to better understand rice quality reduction during drying." Third Temperate Rice Conference. Punte del Este, Uruguay. March 10-13.
- Skulman, B.W., Y. Yang, J.D. Mattice and G. Sheng. 2003. Effect of Rice Ash on Clomazone Efficacy to Barnyardgrass. Annual meeting Weed Science Society of America, Jacksonville, FL.
- Slaton, N.A., R.E. DeLong, N. Wolf, M. Mozaffari, and L. Espinoza. 2003. Boron Deficiency of Soybean in Arkansas. Southern Branch Amer. Soc. Agron. Meetings, 02-05 Feb. 2003. Mobile, AL.
- Sneller, C. H., G. Shannon, P. Chen, and T. Ishibashi. 2003. Selection and Genotype by Environment Interaction of Maturity Group 00 Through I Soybeans in the Northern and Southern U.S. Annual ASA Meetings, Denver, CO.
- Srivastava, Vibha. 2003. Cre-Lox Based Technologies for Producing Transgenic Plants. Seminar in the Department of Molecular Biotechnology, University of Central Florida. 13 July 2003. (Invited)
- Srivastava, Vibha. 2003. Site-Specific Gene Integration in Rice. Talk in American Society of Plant Biology, Honolulu, July 25-30, 2003. (Invited).
- Stewart, J.McD. Genetic Diversity in Cotton Breeding. Presentation to a Workshop on Cotton Fiber Genomics, Davis, CA. 11 Apr. 2003. (Invited).
- Stewart, J.McD. and Chunda Feng. Use of Exotic Germplasm for Cotton Improvement. Keynote address to the World Cotton Research Conference-3, Cape Town, SA, 10-13 Mar. 2003. (Invited).
- Stewart, J.McD., M. Ulloa, E.A. Garcia-C and S. Godoy-A. 2003. Collection of Cotton Germplasm in the Central Pacific States of Mexico. CSSA, Nov. 02-06, Denver, CO.
- Su, X. and Y. Li. 2003. "A quartz crystal microbalance (QCM) immunosensor for rapid detection of Escherichia coli O157:H7." Presented at IBE 2003 Annual Meeting, January 17-19, Athens, GA.
- Su, X., L. Yang and Y. Li. 2003. "A novel piezoelectric microgravimetric immunosensor for detection of Escherichia coli O157:H7 based on self-assembled monolayers." Presented at PITTCON 2003 Annual Meeting, March 9-14, Orlando, FL. Paper # 330-13P.
- Su, X., L. Zhang, B. Kim and Y. Li. 2003. "Capillary immunosensing system for detection of Salmonella Typhimurium." Presented at the 2003 ASAE Annual International Meeting, July 27-30, 2003, Las Vegas, NV. ASAE Paper No. 037061.
- Su, X.L., L. Yang and Y. Li. 2003. "Comparison of QCM and SPR immunosensors for detection of Escherichia coli O157:H7." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Subramanian, S., D.J. Carrier and E. Clausen. "The Effect of Pretreatment on the Extraction of Flavanolignans From Milk Thistle (*Silybum marianum*) Seeds." Presented at the 25<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, Breckenridge, CO. Poster.

- Swem, B., A.K. Pradhan, and Y. Li. 2003. "Penetration of Salmonella Typhimurium through the shell of fertile hatching eggs." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Tellez, G., G. Nava, J. Vicente, A.M. Donoghue, D.J. Donoghue and B.M. Hargis. 2003. "Prebiotic, probiotic, synbiotic and their roll on intestinal integrity." Proceedings of the XXVIII Concencion Annual de la Asociacion Nacional de Especialistas en Ciencias Aviolas de Mexico. p.305-310.
- Tellez, G., G. Nava, J.L. Vicente, S.E. Higgins, L. Bielke, A.M. Donoghue and B.M. Hargis. "Functional biology of intestinal goblet cells and their role in intestinal integrity and pathogen resistance." First International Symposium on Intestinal Integrity. Guadalajara, Jalisco August 1, 2003. Toluca, State of México August 5, 2003 and Cordoba, Veracruz August 7, 2003.
- Tung, S., J.W. Kim, A. Malshe, C.C. Lee and R. Pooran. 2003. "A Cellular Motor Driven Microfluidic System." Transducers'03 – 12<sup>th</sup> International Conference on Solid-State Sensors, Actuators and Microsystems, Boston, MA.
- Ulloa, M., J.McD. Stewart, A. Gaytán, E.A. Garcia and S. Godoy. 2003. Status of the in situ Cotton Germplasm in Four Southern States of Mexico. Beltwide Cotton Conf., 07-10 Jan. 2003. Nashville, TN.
- Varshney, M. and Y. Li. 2003. "Effects of immuno-separation/reaction procedures on the detection of Salmonella Typhimurium using a chemiluminescence fiber optic biosensor." Presented at IBE 2003 Annual Meeting, January 17-19, Athens, GA.
- Varshney, M., Y. Li, X.L. Su, B. Venkatesh and S. Tung. 2003. "An optical biosensor based on immuno-magnetic beads for detection of E. coli O157:H7." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Vaughn, K., D.J. Carrier, Howard L and E. Clausen. "Extraction of lycopene from watermelon." The annual IFT meeting, Chicago, July 2003. Poster.
- Vories, E., J. Greene, W. Robertson, P. Tacker, T. Teague, B. Phipps, L. Pringle and S. Hague. "Determining the optimum timing for the final irrigation on mid-South cotton." Beltwide Cotton Prod. Res. Conf., NCC, Nashville, TN, Jan 9.
- Vories, E.D. and P.L. Tacker. 2003. "Investigating a multiple inlet approach to reduce water requirements for rice production." ASAE Annual Meeting, Las Vegas, NV, July 29.
- Vories, E.D., R.E. Glover, K.J. Bryant and P.L. Tacker. "Estimation the cost of delaying irrigation for mid-South cotton on clay soil." Beltwide Cotton Prod. Res. Conf., NCC, Nashville, TN, Jan 7-10. Poster.
- Wailes, Eric J. "Assessment of Proposals to Recycle Poultry Litter." Invited presentation to the Arkansas Soil and Water Conservation Commission. Little Rock, Arkansas, February 5 and March 20, 2003.

- Waldroup, P. W. 2003. "Phosphorus, Phytase, and the Environment: Phacts and Phallacies." Pages 20-28 in: Proceedings Eastern Nutrition Conference, Animal Nutrition Association of Canada, Quebec City, Canada
- Waldroup, P. W. and C. A. Fritts. 2003. "Effect of Animal Byproduct-Free Feeds on Performance and Carcass Quality of Broilers." Pages 79-86 in: Proceedings Eastern Nutrition Conference, Animal Nutrition Association of Canada, Quebec City, Canada.
- Waldroup, P.W. 2003. "Applications of biotechnology to the poultry industry." Charoen Phokphand Biotechnology Seminar, Jakarta, Indonesia.
- Waldroup, P.W. and C.A. Fritts. 2003. "Phosphorus and the environment: A reevaluation of the requirements of the broiler." Arkansas Nutrition Conference, Fayetteville AR.
- Waldroup, P.W. and Y.M. Kwon. 2003. "The Poultry Industry in the 21<sup>st</sup> Century---Challenges and Opportunities." Korean Poultry Science Society annual meeting, Seoul, Korea. Keynote address.
- Waldroup, P.W., C.A. Fritts, M. Café and M.W. Greenwood. 2003. "The Arkansas Experience with Avizyme." Danisco Animal Nutrition Seminar, Adapting Technology to a dynamic market. Lillhammer, Norway.
- Wallace S, D.J. Carrier and E. Clausen. "Yield and stability of flavonolignans from milk thistle seeds." The annual IFT meeting, Chicago, July 2003.
- Wallace, S., D.J. Carrier and E.C. Clausen. "Extraction of Nutraceuticals from Milk Thistle." Presented at Pharm Forum 2003, the Southern Regional Discussion Group of the American Association of Pharmaceutical Scientists, Little Rock, AR, May, 2003.
- Wardlow, G.W. and D.M. Johnson. 2003. "Integrated aquaculture and hydroponics." Presented to members of the Fayetteville Senior Center, December 10, 2003, Fayetteville, AR.
- Warnock, M. November 7, 2003. "Fiber identification stains: a teaching technique." Arkansas Conference on Teaching, Little Rock, Arkansas.
- West, C.P. 2003. Forage Physiology Research on Tall Fescue-Endophyte. SERAIEG-8 Tall Fescue Toxicosis Meeting, 24-27 Oct. 2003. Natchez State Park, TN.
- West, C.P., E.L. Piper, M.E. Nihsen, C.F. Rosenkrans, Jr., R.J. Crawford, Jr., D.A. Sleper, H.F. Mayland, and S.A. Gunter. 2003. Arkplus: A New Tall Fescue with a Beneficial Endophyte. 2nd National Grazinglands Conference. 10 Dec. 2003. Nashville, TN.
- White, K.L, B.E. Haggard and I. Chaubey. "Water quality during base flow and surface runoff conditions at the Buffalo National River near St. Joe, Arkansas from 1991 – 2001." Poster presented at the 2003 Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22–23.
- White, K.L. and I. Chaubey. 2003. "Demonstration of SWAT model using Beaver Lake watershed." Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22–23. Invited.
- White, K.L., I. Chaubey and T.A. Costello. 2003. "Stakeholder involvement in watershed management: lessons learned." Proc. Total Maximum Daily Load: Environmental Regulations II. ASAE, St. Joseph, MI. Pp. 46-50.



- Wideman, R. F. 2003. "Immune modulation of the pulmonary hypertensive response to terial lipopolysaccharide (LPS, endotoxin) in broilers." Ancillary Scientist Symposium presentation at the Poultry Science Association Annual Meeting in Madison, WI. Invited Presentation.
- Yang, L. and Y. Li. 2003. "An interdigitated array microelectrode based impedance immunosensor for rapid detection of Escherichia coli O157:H7." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR. Abstract of the poster in: CD of Food Safety Consortium 2003 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Yang, L. and Y. Li. 2003. "Detection of Salmonella Typhimurium using impedance measurement with interdigitated microelectrodes." Presented at PITTCOON 2003 Annual Meeting, March 9-14, Orlando, FL. Paper # 2130-10P.
- Yang, Y., Y. Chun and G. Sheng. 2003. Effect of pH on Pesticide Adsorption by Ash Carbon. 2003 Annual Meetings, Soil Science Society of America, Denver, CO.
- Zheng, C., P. Chen, R. C. Gergerich, G. R. Buss, and S. A. Tolin. 2003. Grouping Resistant Soybean Cultivars by Their Differential Reactions to Soybean Mosaic Virus Strains. Annual ASA Meetings, Denver, CO.
- Zheng, C., R. C. Gergerich, and P. Chen. 2003. Evaluation of Glycine Species for Resistance to Bean Pod Mottle Virus. Annual American Phytopathological Society Meetings. Charlotte, NC.

### **Other Lectures and Oral Presentations**

- Ahrendsen, Bruce L., Bruce L. Dixon and Bing Luo. "The Effects of Bank Mergers on Commercial Bank Agricultural Lending." AgEcon Search, Research in Agricultural and Applied Economics. Published at: [www.agecon.lib.umn.edu](http://www.agecon.lib.umn.edu) (2003): 27 pp. Selected paper presented at the American Agricultural Economics Association annual meetings, Montreal, Canada, July 27-30, 2003.
- Ahrendsen, Bruce L., Steve R. Koenig, Bruce L. Dixon, Charles B. Dodson and Latisha A. Settlege. "Analysis of Borrower and Lender Use of Interest Assistance on FSA Guaranteed Farm Loans." Selected paper presented at the annual meeting of the Multistate Research Coordinating Committee/Information Exchange Group, NCT194 Agricultural Finance Markets in Transition (NC221). Federal Reserve Bank of Kansas City, Kansas City, Missouri, October 6-7, 2003.
- Al-Fandi, M., A. Malshe, J.W. Kim, S. Tung, J. Jenkins and S. Sundaram. 2003. "Design and Analysis of Viscous Micropump Actuated Using Biological Cell Motors." ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Washington DC. Bajwa, S. G., J. M. Mason and J. Rupe. 2003. "Remote sensing for agricultural crop stress monitoring and diagnosis." In. Proc. 30th International Symposium on Remote Sensing of Environment, November 10-14, 2003, Honolulu, Hawaii.
- Arthur, N.L. 2003. "Careers in Agriculture." Rich Mountain Community College, January 27, 2003, Mena, AR.

- Arthur, N.L. 2003. "The Importance of County Fairs." Presented June 12, 2003 at Neosho, MO.
- Arthur, N.L. 2003. "Transferring to the University of Arkansas." Presented to Rich Mountain Community College, October 20, 2003, Mena, AR.
- Bailey, W.C. November, 2003. "A Pilot Study of Financial Stress and Behavior Changes Among Debt Management Program Clients." Poster Presentation to the Association for Financial Counseling, Planning and Education. Savannah, GA.
- Bajwa, S. G., J. M. Mason and R. Norman. 2003. "High-resolution optical sensing of rice nitrogen stress." In. Proc. 2003 ASAE annual international meeting, July 27-30, 2003, Las Vegas, NV.
- Bautista, R.C., T.J. Siebenmorgen and R.M. Burgos. 2003. "Investigation of IRRI Test Tube Mill Operating Parameters." Arkansas Rice Research Studies, 2002. AES Research Series 504:343-350.
- Bautista, R.C., W.K. Chung, T.J. Siebenmorgen and J.F. Meullenet. 2003. "Variability assessment of rice milling quality and texture of cooked rice." AACCC Annual Meeting. Portland, OR. Sept. Abstract.
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- Wailes, D., J. Hipp, H. L. Goodwin, Jr., F. Fuller, C. White, K. Young and P. La Ferney. "Eastern European Broiler Grandparent Facility: Country Selection Analysis." Prepared for Cobb-Vantress, Inc. June 10, 2003.

- Wailes, Eric J. "Global Rice Trade, Protectionism and Impacts of Trade Liberalization." Invited presentation, World Bank. Workshop on Lessons from Commodity Studies. September 17, 2003.
- Wailes, Eric J. "Media Content Studies of New Food-Related Technologies: Implications for Economic and Communications Research." Organized Symposium, Southern Agricultural Economics Association annual meeting, Mobile, Alabama, February 2003.
- Wailes, Eric J. "The Rising Middle Class in China and the Demand for Meat versus Starchy Staples." Presentation at an Organized Symposium, American Agricultural Economics Association annual meetings, Montreal, Quebec, Canada, July 2003.
- Wang, H., C. Gilbert, A. O'Leary and M. F. Slavik. 2003. "Detection of *Escherichia coli* 0157:H7, *Listeria monocytogenes*, *Salmonella typhimurium*, and *Campylobacter jejuni* in fresh lettuce and chicken wash solution using a multiplex PCR assay." Proceedings from the 12<sup>th</sup> World Congress of Food Science and Technology. Chicago, IL, p. 20.
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- Wang, L. and Y.J. Wang. 2003. "Application of high intensity ultrasound in rice starch insolation." B.R. Wells Rice Research Studies. 426-431.
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- Watkins, K. Bradley, Merle Anders, Tony Windham and Jason Hill. "Economic Evaluation of No-till Management in Rice." Selected presentation at the 2003 Field Day, Rice Research and Extension Center, Stuttgart AR. August 13, 2003.
- Woodburn, K., L. Howard and J.R. Clark. "Changes in antioxidant capacity, phenolics, and anthocyanins during maturation of highbush blueberry." Presented at the Annual Meeting, Southern Region American Society for Horticultural Science, Mobile, Ala.
- Xiong, R. and J.F. Meullenet. 2003. "A novel reference-calibration method for sensory-instrumental hardness correlation." IFT Annual Meeting. Chicago, IL.
- Xiong, R. and J.F. Meullenet. 2003. "Application of quantitative risk assessment to consumer preference mapping." 2003 IFT Annual Meeting Book of Abstract. Chicago, IL. {3<sup>rd</sup> Place of the Sensory Evaluation Division Graduate Paper Competition}



- Yang, C.K., N.S. Hettiarachchy, R. Horax, E. Satchithanandam, R. Cai, M.G. Johnson, J. Dickson and S. Niehbur. 2003. "Effect of antioxidants and plant extracts on physicochemical properties and quality of irradiated chicken breasts on storage of 5°C." July 12-16. Abstract # 14B-2. p, 25.
- Yang, L. and Y. Li. 2003. "An interdigitated array microelectrode based impedance immunosensor for rapid detection of Escherichia coli O157:H7." Presented at the Food Safety Consortium 2003 Annual Meeting, October 12-14, Fayetteville, AR.
- Yang, L. and Y. Li. 2003. "Detection of Salmonella Typhimurium using impedance measurement with interdigitated microelectrodes." Presented at PITTCON 2003 Annual Meeting, March 9-14, Orlando, FL. Paper # 2130-10P.
- Youm, G.W., L.C. Cavitt, and J.F. Meullenet. 2003. "Effect of deboning time on chicken breast muscle (pectoralis major) tenderness by instrumental shear tests and transmission electron microscopy." 2003 IFT Annual Meeting Book of Abstract. Chicago, IL.
- Young, M., G. Denny and W.C. Bailey. 2003. "Correlates of Adolescent Sexual Behavior & Behavioral Intent." Society for the Scientific Study of Sex. San Antonio, TX. November, 2003.

## School of Architecture

### **Books**

Blackwell, Marlon, Case nel Mondo (Houses of the World), Federico Motto Editore, Milan, Italy, edited by Giovanni Polazzi, (pp. 24-31). September 2003. Documentation of (32) exemplary new single-family residences from around the world. The Keenan TowerHouse, Fayetteville, Arkansas is featured.

### **Refereed Articles and Proceedings**

Beatty, Frances G., "Is the Muddy River Obsolete?", Council of Educators in Landscape Architecture (CELA), September 2003. Abstract published in conference proceedings.

Beatty, Frances G., "French Connection: The Influence of the Parisian Boulevard on the American City", Southeast Society of Architectural Historians (SESAH), October 2003. Abstract published in conference proceedings.

Crone, John V., "Roosevelt's Farm Resettlement Communities in Arkansas", Abstract in proceedings of Council of Educators in Landscape Architecture conference hosted by the University of South Carolina held in Charleston, S.C., September 2003.

Fields, Laurie, "Through the Lens", Hawaii International Conference on the Arts and Humanities, Honolulu, Hawaii, January 2004.

Herman, Gregory, Design/Build Workshop project published in AT HOME in Arkansas magazine, November 2003, "Design:Build – An Innovative University of Arkansas architecture program creates affordable housing," by Amy Cotham. Article also featured coverage of other D/B projects with which I co-lead during the spring terms of 2001 and 2002.

Humphries, John, "Boundaries of Differentiation", ACSA Southwest Regional Conference, Houston, Texas, November 2003.

Humphries, John, "Houston as Fragments", Hawaii International Arts and Humanities Conference, Honolulu, Hawaii, January 2004.

Humphries, John, and Smith, Kory Don, "Transforming the Datum", ACSA Beginning Design Conference, Hampton Virginia, March 2004.

Humphries, John, "The Intentional Partial", Fifth International Utopian Studies Society, Oporto, Portugal: Accepted February 2004.

Humphries, John, "Image + Space" [abstract], International Conference on Generative Art, Milan, Italy, September 2003.

- Messadi, Tahar, Augenbroe, G., Park, C.S., Sadeh, N., Thitisawat, M., (2003) Real Time Optimization of a Double-Skin Façade based on Lumped Modeling and Occupant Preference, *Building and Environment*, April 3. On-line Tracking: <http://authors.elsevier.com/sd/article/S0360132304000290>.
- Messadi, Tahar, Augenbroe, G., Park, C.S., (2003), Daylighting Optimization in Smart Façade Systems, *Proceedings of the 8<sup>th</sup> IBPS Conference (International Building Performance Simulation Association)*, August 11-14, Eindhoven, Netherlands, pp. 1001-1008.
- Messadi, Tahar, Augenbroe, G., Park, C.S., Sadeh, N., Thitisawat, M., (2003), Daylighting Optimization in Smart Façade Systems, *Proceedings of the 8<sup>th</sup> IBPS Conference (International Building Performance Simulation Association)*, Eindhoven, Netherlands, pp. 1009-1016.
- Messadi, Tahar and Bosch, Sheila J., *California High Performance Schools Tool Kit*, Conference Proceedings, American Solar Energy Society, June 21-26, Austin, TX.
- Rollet-Crocker, Karen, and Brittenum, Judy B., *Undergraduate Research: Student Imprints Make Academic Footprints*. New ways of approaching grant acquisitions and research awards for design academicians. CELA Annual Meeting, Fall 2003.
- Rudzinski, Russell, *Weaving the Monumental Surface: The First Christian Church by Eliel Saarinen*”, Refereed paper published in the Proceedings of “Weaving: 2003 ACSA Central Regional Conference”, Ball State University, October 2003.
- Rudzinski, Russell, *Weaving the Monumental Surface: The First Christian Church by Eliel Saarinen*”, Selected as “Best Regional Paper”, 2003 ACSA Central Regional Conference. Presented at 2004 ACSA National Conference, Miami, Florida, March 2004.
- Rudzinski, Russell, *Weaving the Monumental Surface: The First Christian Church by Eliel Saarinen*”, to be published in Proceedings of 2004 ACSA National Conference, Miami, Florida.
- Smith, Korydon, “The Art of Transformations: Indeterminacy in Architectural Representation”, Paper published in the proceedings of the Design Communications Association Conference, Cal Poly, San Luis Obispo, California, January 2004.
- Terry, Laura, “The Value of Design/Build in the Beginning Years”, ACSA National Conference, Miami, Florida, March 2004.
- Terry, Laura, “The Ideal and the Real in the Southern Dwelling”, Southeast Society of Architectural Historians Conference, Savannah, Georgia, October 2003.

### **Articles and Unrefereed Publications**

Beatty, Frances G., Book review for Karl Hagland's *Inventing the Charles River*, MIT Press, 2003 for the Association of Preservation Technology (APT) 2003 news bulletin.

Blackwell, Marlon, "A House in the Trees: The TowerHouse", for *OZ Journal*, Volume 25, August 2003 (pp 66-69), a short essay and narrative on Place, Detail, and Process in my work and the Keenan TowerHouse, Fayetteville, Arkansas.

Blackwell, Marlon, *A+U, Architecture and Urbanism*, Tokyo, Japan, October 2003, no. 397 (pp 86-91), part of 'The House' feature issue that showcases (14) international houses including the Keenan TowerHouse.

Blackwell, Marlon, *Hinge*, Hong Kong, China, July 2003, Volume 100, (pg. 120), edited by James Saywell, Features a charcoal sketch of the Fred Rowe residence, Frederic, Michigan as part of Hong Kong's leading design magazine's centennial issue feature, "100 Issues 100-Plus Drawings...".

Boyer, Mark E., "Collaborative Learning: Lessons from an Ongoing Interdisciplinary Course" Council of Educators in Landscape Architecture Annual Conference Abstracts. September 2003.

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

### **Invited Lectures**

Beatty, Frances G., "Water Disconnected: The Political Barriers to Watershed Planning and Sustainable Development in Arkansas" Fourth Annual Garvan Woodland Gardens Symposium, April 17, 2004. Carol Browner, former U.S. EPA administrator was keynote speaker. Produced by the UA Department of Landscape Architecture.

Blackwell, Marlon, "Articulating the Everyday", Staten Island AIA, New York, New York, May 19, 2004.

Blackwell, Marlon, "Articulating the Everyday", Roma Tre University, Rome, Italy, April 29, 2004, Maurizio Ranza, coordinator.

Blackwell, Marlon, "Articulating the Everyday", University of Colorado, Denver, Colorado, October 2003, Michael Hughes, coordinator.

Blackwell, Marlon, "Articulating the Everyday", University of Texas at San Antonio, Texas, October 2003, Grey Papay, coordinator.

Blackwell, Marlon, “Articulating the Everyday”, University of Texas at Arlington, Texas, September 2003, Michael Terranova, coordinator.

Boyer, Mark E., International Federation of Landscape Architects Annual Conference, Calgary, Canada. May 2003. “On the Edge of Stormwater”.

Brittenum, Judy B., “Leadership Workshop, American Society of Landscape Architects, Salt Lake City, Utah, February 2004.

Crone, John V., “Transcendentalism and the work of F.L. Wright and Fay Jones”, presented to Elderhostel organized by the Department of Continuing Education, University of Arkansas, April 19, 2004.

Crone, John V., “Arkansas, A Historical Cultural and Environmental Overview”, presented to Elderhostel organized by the Department of Continuing Education, University of Arkansas, April 20, 2004.

Goodstein, Ethel S., Session Moderator and Discussant, “Space and Gesture”, Annual Conference of the Southeastern Medieval Association, Fayetteville, Arkansas, October 23, 2003.

Goodstein, Ethel S., Session Moderator and Discussant, “Transformation in American Imagery”, Annual Conference of the Nineteenth-Century Studios Association, St. Louis, Missouri, March 11, 2004.

Humphries, John, “Fragment to Form”, Dallas Architecture Forum.

Kultermann, Eva, “Lessons in Design Build”, Oxford Centre for Sustainable Design, Oxford Brookes University, November 2002.

Rudzinski, Russell, Invited Panelist, Special Focus Session: Latin America in our Curricula, 2004 ACSA National Conference, Miami, Florida, March 2004.

Yang, Esther, “Poverty: Mind over Matter”, 103 Vol Walker Hall, Habitat for Humanity Campus Chapter

### **Refereed Scholarly Paper Presentations**

Beatty, Frances G., “Landscape Metaphysics: Art, Poetry, Metaphor, and Meaning in Franklin Park Boston, Massachusetts”, Environmental Design Research Association (EDRA), June 2004. Conference presentation.

Boyer, Mark E., “Collaborative Learning: Lessons from an Ongoing Interdisciplinary Course”. Council of Educators in Landscape Architecture Annual Conference, Charleston, South Carolina. September 2003.

- Brittenum, Judy B., "Undergraduate Research: Student Imprints Make Academic Footprints", Council of Educators in Landscape Architecture, Clemson University, Charleston, SC, September 2003.
- Crone, John V., "Roosevelt's Farm Resettlement Communities in Arkansas, Council of Educators in Landscape Architecture Annual Conference, Charleston, South Carolina. September 2003.
- Fields, Laurie, "Through the Lens", Hawaii International Conference on the Arts and Humanities, Honolulu, Hawaii, January 2004.
- Goodstein, Ethel S., "Another Night at the Flying J. Domesticity, Community, and the Order of Things at the American Truck Stop", Annual Meeting of the Southeast Chapter, Society of Architectural Historians (SESAH), October 2, 2003, Savannah, Georgia.
- Goodstein, Ethel S., "Women's Work, Women's Wear, and the White City", Annual Conference of the Nineteenth-Century Studies Association, St. Louis, Missouri, March 12, 2004.
- Goodstein, Ethel S., "Highways, Hillside, Houses and Harleys: Images of Motorcycles and Ideals of Place In Modern America", Joint Meeting of the American Culture Association and Association for Popular Culture, San Antonio, Texas, April 8, 2004.
- Griffith, Matthew H., "Dementia: The Evolution of America's Private Utopia". Paper accepted for 2004 International Utopia Conference. Oporto, Portugal, July 2004.
- Herman, Gregory, Research Paper, "Image, Housing and the Arkansas Resettlement Farms", Southeast Society of Architectural Historians, Savannah, Georgia, October 2, 2003.
- Humphries, John, "Boundaries of Differentiation", ACSA Southwest Regional Conference, Houston, Texas, November 2003.
- Humphries, John, "Houston as Fragments", Hawaii International Arts and Humanities Conference, Honolulu, Hawaii, January 2004.
- Humphries, John and Smith, Kory Don, "Transforming the Datum", ACSA Beginning Design Conference, Hampton, Virginia, March 2004.
- Rudzinski, Russell, "Middle/Meson America: Rural Aliens in Urban Centers", Refereed Scholarly Paper Presentation, Beginning Design Conference, Hampton University, April 2004.
- Sexton, Kim S., "Vernacularity and the Architecture of the Italian Commune." Southeast Society of Architectural Historians Annual Meeting, Savannah, Georgia, October 2, 2003.

Sexton, Kim S., "Upping the Ante: Displaying De-stigmatized Acts in the Late Medieval City". Southeastern Medieval Association, Fayetteville, Arkansas, October 23, 2003.

Smith, Kory Don, "Opening the Space of Architectural Representation: Ideology, Utopia, and the Existence of Indeterminacy", Paper presented at the 4<sup>th</sup> International Utopian Studies Conference, European University of Madrid, Madrid, Spain, June 2003.

Smith, Kory Don, "The Art of Transmutations: Indeterminacy in Architectural Representation", Paper presented at the Design Communications Association Conference, Cal Poly, San Luis Obispo, California, January 2004.

Smith, Kory Don and Humphries, John, "Transforming the Datum: The Readymade Context in the 1<sup>st</sup> Year Summer Studio", Paper presented at the 20<sup>th</sup> National Conference on the Beginning Design Student, Hampton, Virginia, April 2004.

Smith, Kory Don and Rudzinski, Russell, "Middle-America/Meso-America: Rural Aliens in Urban Centers". Paper presented at the 20<sup>th</sup> National Conference on the Beginning Design Student, Hampton, Virginia, April 2004.

Terry, Laura, "The Value of Design/Build in the Beginning Years", ACSA National Conference, Miami, Florida, March 2004.

Terry, Laura, "The Ideal and the Real in the Southern Dwelling", Southeast Society of Architectural Historians Conference, Savannah, Georgia, October 2003.

### **Creative Work**

Blackwell, Marlon, Maritza Munich Residence, 4000 sq. ft. home in Rogers, Arkansas, January 2004.

Blackwell, Marlon, Daniel Residence, 1850 sq. ft. home in West Fork, Arkansas, August 2003, Schematic design phase completed.

Blackwell, Marlon, Srygley Office Building, 4000 sq. ft. in small office park, April 2004. Under construction, scheduled for completion June 2004.

Blackwell, Marlon, Gentry City Center, Gentry, Arkansas, 12,000 sq. ft. facility includes public library, senior citizens center and a city history museum. Bidding and negotiations phase.

Blackwell, Marlon, Clear Creek Golf Clubhouse and Infrastructures, Johnson, Arkansas, 20,000 sq. ft. contemporary golf clubhouse including dining, golf proshop, pool, locker rooms and men's grille. Construction document phase.

Blackwell, Marlon, University of Arkansas Razorback Golf Practice Facility, Johnson, Arkansas, 5000 sq. ft. golf training facility for the men's and women's golf teams. Construction completed February 2004.

Blackwell, Marlon, Renovations and additions to the John Tyson residence, Johnson, Arkansas. Substantial construction completed December 2003.

Blackwell, Marlon, Gaston-Montgomery residence, Fayetteville, Arkansas. Construction completed February 2004.

Blackwell, Marlon, Masons on the Creeks, Rogers, Arkansas, 3000 sq. ft. interior design for a retail boutique. Construction completed November 2003.

Crone, John V., Consultant to Omni Center for Peace, Justice, and Ecology, Fayetteville, Arkansas.

Griffith, Matthew H., World Trade Center Memorial Competition. July 2003. Design posted on website.

Griffith, Matthew H., Interfaith Sacred Space Design Competition. January 2004.

Griffith, Matthew H., Design Work. Werner Garage. Beginning January 2004. Design Development.

Humphries, John, "Structuring the Field", exhibition of drawings, Design Communication Association Conference, January 2004.

Humphries, John, "An Architecture of Loneliness", concept house design, IC Arch open design competition, online exhibition, November 2003.

Humphries, John, "Photo-Real Furniture", concept furniture design, Design Engine Europe Furniture Expo exhibition, December 2003.

Humphries, John, "Three Tall + Three Flat", Installation of Manufactured pieces designed and prototyped, to be finalized and installed June 2004.

Humphries, John, "Blog to Log", collaboration with UTA Faculty Karen Bullis in design communications.

Humphries, John, "Pueblo to Mesa", Collaboration with RB Ferrier of UTA on developing design research methods for studying Anasazi culture.



Humphries, John, "Track Tour", collaboration with Cal Young of architecture firm DSGN for potentials to develop student build installations at a scale larger than a house. Steedman Design Competition, Washington University open design competition, March 2004.

Kultermann, Eva, Design and Construction Administration for Historic preservation project, 144 Fletcher St., Fayetteville, Arkansas (under construction)

Messadi, Tahar, Exhibit, Georgia Tech Architecture Students Design for Sustainability, Atlanta International Museum of Art and Design, Georgia, March 2003.

Messadi, Tahar, Student Competition, Lighting Stills, Competition, Zian Liu, Georgia Tech, Third Place, \$300, Electronic Magazine: Cadalyst, July 2003.

Rollet-Crocker, Karen, Educational Signage and Trail Mapping: Client: Arkansas Forestry Commission and the U.S. Forest Service. Fayetteville National Heritage Association. Mt. Sequoyah Woods, Fayetteville, Arkansas. 2003-04, Complete.

Rollet-Crocker, Karen, Landscape Architecture Design, Peel House Foundation, Compton Gardens, Bentonville, Arkansas, 2002-2004. Under construction.

Rollet-Crocker, Karen, Design of Compton Gardens, a 6 ½ acre site in Bentonville. This is the home site of Neil Compton, conservationist of the Buffalo National River. The garden is representational of the ecological zones and plant types of the Ozark Mountains. Planting research and design for the complete garden, limited installation supervision. Also, limited construction supervision for bridge piers, rock work, and trails.

Rudzinski, Russell, Private Residence, (self), Fayetteville, Arkansas, Construction Document Phase.

Smith, Korydon and Griffith, Matthew, Design Competition Entry. Interfaith Sacred Space Competition, San Francisco, California, 2004.

Terry, Laura, Recipient of the McIntosh Faculty Award for a series of paintings, produced and exhibited April 2004.

## **J. William Fulbright College of Arts and Sciences**

### **ANTHROPOLOGY**

#### **Books**

Striffler, Steve, *Banana Wars: Power, Production and History in the Americas*. (Co-editor with Mark Moberg). Duke University Press. 2003.

Swedenburg, Ted, *Memories of Revolt: The 1936-39 Rebellion and the Palestinian National Past*. Reprinted with new afterward, University of Arkansas Press. 2003. (Originally published by University of Minnesota Press, 1996).

#### **Book Chapters**

Plavcan, J. Michael, (2003) Evidence for early anthropoid social behavior. In: (Ross, C, and Kay, RF, eds). *Anthropoid Origins: New Visions*. Kluwer Academic/Plenum Publishers.

Plavcan, J. Michael, (2004) Sexual selection, measures of sexual selection, and sexual dimorphism in primates. In: (Kappeler, P. M. and van Schaik, C. P., eds.) *Sexual selection in primates: New and Comparative Perspectives*. Cambridge University Press.

Striffler, Steve, "Introduction," (with Mark Moberg) to *Banana Wars: Power, Production, and History in the Americas* (with Mark Moberg). Duke University Press. 2003.

Striffler, Steve, "The Logic of the Enclave: United Fruit, Popular Struggle, and Capitalist Transformation in Ecuador," in *Banana Wars: Power, Production, and History in the Americas*, Duke University Press. 2003.

#### **Refereed**

Erickson, Kirstin C., 2003. "They will come from the other side of the sea": Prophecy, Ethnogenesis and Agency in Yaqui Narrative. *Journal of American Folklore* 116(462): 465-482.

Erickson, Kirstin C. 2003. Moving Stories: Displacement and Return in the Narrative Production of Yaqui Identity. *Anthropology and Humanism* 28(2): 139-154.

William E. Banks and Marvin Kay 2003. High-resolution casts for lithic use-wear analysis. *Lithic Technology* 28(1):27-34.

- Kvamme, Ken, 2003. Geophysical surveys as landscape archaeology. *American Antiquity* 68:435-457.
- Kvamme, Ken, 2003. Multidimensional prospecting in North American Great Plains village sites. *Archaeological Prospection* 10:131-142.
- Plavcan, J. Michael, (2003) Scaling relationships between craniofacial sexual dimorphism and body mass dimorphism in primates: implications for the fossil record. *A. J. Phys. Anthropol.* 120: 38 - 60.
- Striffler, Steve, "Migrating Multinationals, Persistent Peasants, and a Slippery State: The Origins of Contract Farming in Ecuador's Banana Industry, *Plantation Society in the Americas: An Interdisciplinary Journal of Tropical and Subtropical History and Culture.* 2004.
- Striffler, Steve, "Undercover in a Chicken Factory," *Utne.* January/February, 2004.
- Swedenburg, Ted, 2003. Rai's travels. *MESA Bulletin* 36(2):190-193.
- Lacruz, R.; Ungar, P.; Hancox, P.J.; Brink, J.S.; Berger, L.R. Gladysvale: Fossils, strata and GIS analysis. *SOUTH AFRICAN JOURNAL OF SCIENCE.* 99, 283-286, 2003.
- M'Kirera, F.; Ungar, P.S. Occlusal relief changes with molar wear in *Pan troglodytes troglodytes* and *Gorilla gorilla gorilla*. *AMERICAN JOURNAL OF PRIMATOLOGY,* 60, 31-42, 2003.
- Nigro, J.; Ungar, P.; deRuiter, D.; Berger, L. Developing a Geographic Information System (GIS) for mapping and analyzing fossil deposits at Swartkrans, Gauteng Province, South Africa. *JOURNAL OF ARCHEOLOGICAL SCIENCE,* 30, 317-324, 2003.
- Ungar, P.; M' 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.
- Ungar, P.S.; Brown, C.A.; Bergstrom, T.S.; Walker, A.C. Quantification of dental microwear by tandem scanning confocal microscopy and scale-sensitive fractal analyses. *SCANNING,* 25, 185-193, 2003.
- Ungar, P.S. Dental evidence for the diets of fossil primates at Rudabánya. Published in *RECENT ADVANCES ON MULTIDISCIPLINARY RESEARCH AT RUDABÁNYA, LATE MIOCENE (MN9), HUNGARY: A COMPENDIUM.* Bernor, R.L, Kordos, L., and Rook, L. eds. Firenze, *Bolletino della Societa Paleontologica Italiana,* 89:14-15, 2004.

Ungar, P.S.; Teaford, M.F.; Kay, R.F. Molar microwear and shearing crest development in Miocene catarrhines. *ANTHROPOLOGIE*, 42: 21-35, 2004.

Ungar, P.S. The evolution of human diet: The known, the Unknown, and the Unknowable. *EVOLUTIONARY ANTHROPOLOGY*, 13: 45-46. 2004.

Ungar, P.S. Dental topography and diets of *Australopithecus afarensis* and early Homo. *JOURNAL OF HUMAN EVOLUTION*, 46: 605-622, 2004.

### **Book Reviews**

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

Plavcan, J. Michael (2003) Book Review: *Primate Dentition. An Introduction to the Teeth of Non-Human Primates* by Daris R. Swindler. *Int. J. Primatol.* 24: 463-464.

Rose, J.C. 2003: D. Ann Herring and A. C. Swedlund (eds) *Human Biologists in the Archives: Demography, Health, Nutrition and Genetics in Historical Populations*. *Bulletin of the Royal Institute for Inter-Faith Studies*: 5(1)205-208.

Striffler, Steve, Fink, Leon. 2003. *The Maya of Morganton: Work and Community in Nuevo New South*. University of North Carolina Press. *Arkansas Historical Quarterly*, 2003.

Striffler, Steve, Whitten, Norman. 2003. *Millennial Ecuador*. University of Iowa Press. *Journal of Latin American Anthropology*, 2004

Ungar, P.S.; Review of *LOTHAGAM: THE DAWN OF HUMANITY IN EASTERN AFRICA*. Leakey, M.G; Harris, J.M, eds. *QUARTERLY REVIEW OF BIOLOGY*, 78:354, 2003.

### **Non-refereed Publications**

Kay, Marvin 2004. Appendix K: Use-wear Analysis of Brook Run Scraper, Catalog number 616. In *Archaeological Data Recover at the Brook Run Jasper Quarry (Site 44CU122) Associated with the Proposed Route 3 Improvements*, by Eric Voigt, The Louis Berger Group, Inc. Report to Virginia Department of Transportation, Richmond, Virginia.

Kvamme, Ken 2003. *The 61<sup>st</sup> Plains Anthropological Conference, Programs and Abstracts*. Plains Anthropological Society, Fayetteville, Arkansas, 85 pages (Program Chairman and compiler).

Kvamme, Ken, E. G. Ernenwein, W. F. Limp, D. L. Harmon 2003. *SERDP Annual Report, 2003 (CS1263)*. Submitted to the Strategic Environmental Research and Development Program, U.S. Department of Defense, Arlington, Virginia.

Kvamme, Ken 2003. Electrical Resistance at Fort Vancouver, Washington. Submitted to Fort Vancouver National Historic Site, National Park Service, Vancouver, Washington.

Kvamme, Ken and M. D. Reynolds 2003. Electrical Resistance Survey at the Fort Clapsop National Memorial, Oregon. Submitted to Fort Clapsop National Memorial, Oregon.

Kvamme, Ken 2003. Army City (website)  
[http://www.cast.uark.edu/~kkvamme/geop/army\\_city.htm](http://www.cast.uark.edu/~kkvamme/geop/army_city.htm).

Kvamme, Ken 2003. Double Ditch Village State Historic Site (website)  
<http://www.cast.uark.edu/~kkvamme/geop/double.htm>.

Limp, W. F.

- 2003. Review of MapInfo Professional. GeoWorld. January 2003. page 52-53.
- 2003. Review of ERDAS Imagine 8.6 2GeoWorld. February 2003. page 52.
- 2003. Review of World Construction Set 6. GeoWorld. February 2003. page 53.
- 2003. Review of Earth 2.1. GeoWorld. March 2003. page 52.
- 2003. Review of ENVI 3.6. GeoWorld. March 2003. page 52-53.
- 2003. Review of Feature Analyst. GeoWorld. April 2003. page 50.
- 2003. Review of DataGate. GeoWorld. May 2003. page 50.
- 2003. Review of Maptech Terrain Navigator Pro 6. GeoWorld. June 2003. page 54.
- 2003. Review of RaveGeo. GeoWorld. June 2003. page 55.
- 2003. Review of DbGIS, DbMAP Internet Server and DbMAP ASJ. GeoWorld. July 2003. page 56.
- 2003. Review of XMap 4.0 Professional. GeoWorld. July 2003. page 56-58.
- 2003. Review of Bentley PowerMap 8.1. GeoWorld. September 2003. page 54.
- 2003. Review of AltaMap, Version 4. GeoWorld. December 2003. page 68.
- 2003. Review of Canvas 9, GIS Edition. GeoWorld. December 2003. page 68-70.

Plavcan, J. Michael (2004) Software Review: SYSTAT. Geoworld.

Rose, J.C., el-Najjar, M., Turshan, N., Hunton, C., Rolf, K. 2003 Tell Ya'amun: The 2002 Season. ACOR Newsletter 14(2) :8.

Rose, J.C., el-Najjar, M., Turshan, N., Hunton, C., Rolf, K. 2003 Tell Ya'amun. American Journal of Archaeology 107:457-458.

### **Lectures, Papers, Oral Presentations, etc.**

Erickson, Kirstin C.

- 1) Monitoring Sadness, Containing Trouble: Dangerous Emotions in a Yaqui Community. Paper presented at American Anthropological Association (AAA) Annual Meeting. Panel Title: "Ambiguous Others." Chicago, IL, November 2003. (Accepted by American Ethnological Society.)

2) Lutu'uria: Truth, Co-Presence, and Ethnographic Practical Consciousness. Paper presented at American Ethnological Society Annual Meeting. Panel Title: "Sensation, Emotion, Shock." Providence, RI, April 2003.

Kay, Marvin

1) The land-use project at Pea Ridge National Military Park, Arkansas, and Wilson's Creek National Battlefield, Missouri. Arkansas Archeological Society Annual Meeting. Fort Smith, AR. September 27, 2003.

2) New radiocarbon dates for Dalton at Rodgers Shelter, Missouri. 61<sup>st</sup> Plains Anthropological Conference. Fayetteville, AR. October 22-25, 2003.

3) "Toto, I have a feeling we are not in Kansas anymore." Symposium Honoring W. Raymond Wood's Legacy: Quaternary Ecology, Archaeology, and Ethnohistory of North America's Heartland. 69<sup>th</sup> Annual Meeting Society for American Archaeology. Montreal, Canada. April 1, 2004.

K. L. Kvamme, E. G. Ernenwein, T. L. Sever, D. L. Harmon, W. F. Limp 2003. Thermal, and multispectral data synergy at four DoD and DoE archaeological sites. Poster presented at the Partners in Environmental Technology Technical Symposium & Workshop, Department of Defense, December (invited paper).

K. L. Kvamme, J. A. C. Kvamme, and E. G. Ernenwein 2003. Double Ditch? New Geophysical Findings from 2003. 61<sup>st</sup> Annual Plains Anthropological Conference, Fayetteville, Arkansas. October.

Rohe, C. M., and K. L. Kvamme 2003. Modeling prehistoric locational variability in Rocky Mountain National Park. Bi-annual Rocky Mountain Conference, Estes Park, Colorado. September.

K. L. Kvamme 2004. Wood's Landscape Perspective and New Geophysical Results in the Northern Plains. Symposium Honoring W. Raymond Wood's Legacy: Quaternary Ecology, Archaeology, and Ethnohistory of North America's Heartland. 69<sup>th</sup> Annual Meeting Society for American Archaeology. Montreal, Canada. April 1, 200

Limp, W. Fred

Invited keynote/plenary sessions

2003. The future of geospatial solutions: through a CRT darkly. Invited keynote Ohio Geospatial Technology Conference for Agriculture and Natural Resource Applications. Columbus, OH. March 2003.

2003 Closing plenary. GeoTec 2003. Vancouver BC. March 2003.

Invited presentations

2003 Implications of geospatial technologies for agriculture and natural resource inventory and homeland security. Ohio Geospatial Technology Conference for Agriculture and Natural Resource Applications. Columbus, OH. March.

### National meetings

Covington, S. and W. F. Limp 2003 A multistate, seamless interoperable “National Map” pilot. Geospatial technology for community planning and local government. State College, PA. October.

Eirwehen, E., K. Kvamme, D. Harmon, W. Limp, T. Sever and M. Hargrave 2003. Multi-instrument data acquisition and fusion at four archeological sites. SERDP National Conference. Washington, DC. December. Kinney, D. L., V. Salisbury, D. J. Crook, M. Fierke, W. F. Limp and F. M. Stephen

2003. Intensive, Extensive and Rapid Techniques for Estimating Within-tree Population Densities of Red Oak Borer, *Enaphalodes rufulus* (Haldeman) (Coleoptera: Cerambycidae). Entomological Society of America National Meeting, Cincinnati, OH.

2003 Geospatial data – a key enterprise asset. Oracle World. San Francisco, CA.

September. 2003 Increasing data accessibility through effective system design: The GAPServer Project. National GAP Conference. Ft Collins, Co. October. 2003

Developing an interoperable statewide geospatial data distribution system – implications for rural communities. Geospatial technology for community planning and local government. State College, PA. October. Lucio, L., F. Stephen and W. Limp.

2003 Does a landscape determine the fate of its trees? Predicting outbreaks of red oak borer using geographic information systems. Entomological Society of America National Meeting. Cincinnati, OH. Lucio, L., F. Stephen and W. Limp.

2003 Assessing and predicting the impact of oak decline and the red oak borer, *Enaphalodes rufulus* (Haldeman) (Coleoptera: Cerambycidae) epidemic using geographic information systems (GIS). Entomological Society of America National Meeting. Ft. Lauderdale, FL.

### Regional meetings

Eirwehen, E., K. Kvamme, D. Harmon, W. Limp, T. Sever and M. Hargrave 2003 Multi-instrument data acquisition and fusion at four archeological sites. Arkansas GIS Users Forum. Eureka Springs, AR. August. Covington, S., J. Wilson, B. Harris and W. F. Limp 2003 Using Interoperability to integrate state data: The MidAmerica GIS Consortium National Map Project. Arkansas GIS Users Forum. Eureka Springs, AR. August. Lucio, L., F. Stephen and W. Limp.

2003 Assessing and predicting the impact of oak decline and the red oak borer epidemic using GIS. Southern Forest Insect Work Conference. Roanoke, VA, 2003 Red oak borer populations at the landscape level. East Texas Forest Entomology Symposium.

Nacogdoches, Texas. 2003 Predicting outbreaks of red oak borer using geographic information systems. Arkansas Crop Protection Association Abstracts Research Conference. Fayetteville, Arkansas.

### Honors, awards and other activities not mentioned above:

1. Interviewed and extensively quoted in a two page article in the October 4th issue of the British newsmagazine *The Economist*
2. Interviewed and quoted in December 1st *eWeek* magazine article

Nolan, Justin M., Nathan Striegler, Katlin Jones, Wade McDougal, Matthew McFarlin, and Michael Ward. “Warm fuzzies and creepy crawlies: the expressive component of ethnozoological cognition.” 2004 Ethnobiology Conference, UC-Davis, California.

- Plavcan, J. Michael (2003) Group size, sex ratios, and the contribution of male and female canine size to dimorphism. *Am. J. Phys. Anthropol. Supp.* 36: 169.
- Challa, U. McGraw, W. S., and Plavcan, J. M. (2003) Morphometric analysis of *Cercopithecus solatus*. *Am. J. Phys. Anthropol. Supp.* 36: 76.
- Plavcan, J. Michael (2004) Evidence that female choice impacts the evolution of dimorphism in primates. *Am. J. Phys. Anthropol. Supp.* 37: 160.
- Marvin, J., Plavcan, JM, and McGraw, WS (2004) Postcranial, cranial and body mass dimorphism in three sympatric West African primates. *Am. J. Phys. Anthropol. Supp.* 37: 143.
- Phillips, DL, Plavcan, J.M., and Daegling, DJ (2004) Relationship between tooth size and mandibular size and shape in primates. *Am. J. Phys. Anthropol. Supp.* 37: 159.
- Ward, CV, and Plavcan JM (2004) Canine dimorphism in *Australopithecus anamensis*. *Am. J. Phys. Anthropol. Supp.* 37: 203.
- Rose, Jerome C. 2003 Comments and perspectives for future research. Invited paper presented at Archaeology of Crusader Sites and Medieval Culture. A symposium held at the St. Louis Community College, St. Louis, MO, 25 October.
- Rose, Jerome C., Dolores L. Burke and Melinda J. King 2003 Prosperity at Late Roman/Byzantine Sa'ad: A Rural Site in North Jordan. Annual Meeting of the American Schools of Oriental Research, Atlanta, GA, 19-22 November.
- Rose, Jerome C. 2003 Bioarchaeology of north Jordan. Invited lecture, McDonald Institute of Archaeology, Cambridge University, UK, 22 January.
- Striffler, Steve  
Invited Lectures:  
 "On Foreign Ground: Mexican Immigrants to the U.S. and the Trip 'Home'," at William and Mary, October 30<sup>th</sup>, 2003.  
 "We're All Mexican Here": Poultry Processing, Transnational Migration, and the Transformation of Class in the U.S. South" at Harvard University, September 22<sup>nd</sup>, 2003.  
 "We're All Mexican Here": Poultry Processing, Transnational Migration, and the Transformation of Class in the U.S. South." at Yale University, Program in Agrarian Studies, September 19<sup>th</sup>, 2003.  
 "Searching for Home in the Transnational South: Mexican Migration, Gender, and the Poultry Industry" at University of Kansas, April, 2003.  
 "Race, Migration, and Poultry Processing," at Pomona College, February, 2003.  
 "We're all Mexican Here": Poultry Processing, Transnational Migration, and the Transformation of Class in the U.S. South." at UC-Santa Cruz, January, 2003.  
 "Anatomy of a corporate takeover: Tyson Foods, Holly Farms, and Big Chicken," Southern Labor Studies Conference, Birmingham, Alabama, April, 2004.



Swedenburg, Ted

“Palestine/Israel, anti-normalization, and the revival of Arab-Jewish music in the Arab World.” Internationale Sommerakademie on “Cultures of Conflict—Reflections on Middle East Dilemmas.” Institute for the Study of Austrian Jewry and Austrian Institute for International Politics. June 30-July 2, 2003. Vienna, Austria.

“Zionist and Arab musician: the case of Enrico Macias/Gaston Ghrenassia.” Invited session of Anthropology and the Middle East: The Politics of Knowledge During a Time of Crisis. American Anthropological Association Annual Meeting, Chicago, Illinois. November, 2003.

Organizer and co-chair: session of Anthropology and the Middle East: The Politics of Knowledge During a Time of Crisis. American Anthropological Association Annual Meeting, Chicago, Illinois. November, 2003.

Discussant: session on Palestine/Israel: Mapping Boundaries of Violence and Prospects for Peace. American Anthropological Association Annual Meeting, Chicago, Illinois. November, 2003.

Discussant: session on Television and Contemporary Experience: Egypt, Lebanon and Iraq. Middle East Studies Association Annual Meeting, Anchorage, Alaska. November, 2003.

Discussant: session on National Symbols and Commemorations: Palestinian Identity in Contest. Middle East Studies Association Annual Meeting, Anchorage, Alaska. November, 2003.

Ungar, Peter

Dennis, J.C.; Ungar, P.S.; Teaford, M.F.; Glander, K.E. Dental topographic analysis of molar wear in *Alouatta palliata*. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #36, 2003.

M’Kirera, F.; Ungar, P.S. Occlusal shape changes with wear: A comparison of chimpanzee and gorilla molars. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #36, 2003.

Ungar, P.S.; M’Kirera, F. A 3D approach to the functional morphology of worn primate teeth. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #36, 2003.

Schubert, B.W.; Ungar, P.S.; Sponheimer, M.; Reed, K. Dental microwear analysis and the paleodietary reconstruction of Makapansgat bovids, JOURNAL OF HUMAN EVOLUTION, 2003. Ungar, P.S. Molar topography and dental functional morphology of *Australopithecus afarensis* and early *Homo*. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #38, 2004.

Invited/distinguished lectures:

Ungar, P.S. New approaches to the study of dental functional anatomy. Paleobiology Seminar Lecture Series. State University of New York at Stony Brook, 2003.

Ungar, P.S. New approaches to the study of dental functional anatomy with implications for human evolution. Conferència Unitat d’Antropologia Dept. Biologia Animal. University of Barcelona, Spain, 2003.

Ungar, P.S. New approaches to the study of dental functional anatomy with implications for hominin evolution. Conférence de la Laboratoire de Géobiologie, Biochronologie et Paléontologie humaine. University of Poitiers, France 2003.

## **ART**

### **Books**

Harington, Donald, With. Toby Press, New Milford, CT, 2004.

### **Refereed Articles/Papers**

in Festschrift for James Marrow, 2006.

La Porte, Angela. Book Review: Crossroads: The Challenge of Lifelong Learning. Studies in Art Education 45 (2003), pp. 174-77.

### **Unrefereed Publications and Proceedings**

Jacobs, Lynn F. "Review of J. Hamburger, St. John the Divine: The Deified Evangelist in Medieval Art And Theology. Religious Studies Review 29 (2003), p. 379.

Jacobs, Lynn F. Review of F. Thürlemann, Robert Campin: A Mongraphic Study with Critical Catalogue. Caareviews, published online, 8/20/03.

Jacobs, Lynn F. Review of C. Viridis and M. Pietrogiovanna, Great Altarpieces: Gothic and Renaissance. Caareviews, published online 10/8/03.

La Porte, Angela. "Diversity in the art classroom: Issues in curriculum and instruction. In Sullivan (ed.) Proceedings from the 31<sup>st</sup> InSEA World Congress. New York, Columbia University, 2003.

### **Invited Lectures**

La Porte, Angela. "Community Connection. Intergenerational Links in Art Education." Arizona State University, February 2004

Peven, Michael, Visiting Artist Lecture, University of Arkansas Little Rock.

Peven, Michael, Visiting Artist Lecture, DAUM Museum of contemporary Art, Sedalia, MO.

Peven, Michael, Visiting Artist Lecture, University of Memphis.

Peven, Michael, Visiting Artist Lecture, Southwestern Missouri State University.

### **Other Lectures, Papers, and Oral Presentations**

La Porte, Angela and Speirs, P. "Influences and issues of art curriculum content." School of Visual Arts Seventeenth Annual National Conference on Liberal Arts and the Education of Artists. New York, NY, October 2003.

La Porte, Angela, "Santa Barraza: A Visiting Artist program." Arkansas Art Educators Association Conference. Little Rock, November 2003.

La Porte, Angela, "Influences and issues of art curriculum." National Art Education Association Conference. Denver, April 2004.

La Porte, Angela and Greenberg P., and Roberts, M., and Lafferty, S.A.. "Monologues on Lifelong Learning and Aging, Ages 18-88." National Art Education Association Conference. Denver, April 2004.

Nelson, Marilyn, "Memories from the Warrior Culture: daughter of the Armed Forces." American Culture Association Conference. San Antonio, April 2004.

Nelson, Marilyn, "Student-Active Critiques: Strategies for Developing Effective Peer Criticism," School of Visual Arts Sixteenth Annual National Conference on Liberal Arts and the Education of Artists, New York, October 2003.

### **Creative Endeavors**

Golden, Jackie

Delta exhibition (juried), Arkansas Art Center, Little Rock, June 13-August 3, 2003.

Sacred Places (solo), Post memorial Art Reference Library, September, 2003.

Small Works on Paper (juried, traveling exhibit), Arkansas Arts Council, 2003.

Hulen, Jeannie

Walsh Library Gallery, Seton Hall University (national), January 27-March 24, 2004;

New Jersey Center for Visual Arts (national juried), Summit NJ, January 25-March 17,

2004. Market Street Gallery, Lockport, NY (national, juried), July 20-August 17, 2003.

Ethel Sergeant Clark Smith Center, Wayne PA (national juried), May 2-May 23, 2003.

Musgnug, Kristin

American All-Stars: fresh works from the land of Wal-mart, Hockney Gallery, Royal College of Art, London, October 6-12, 2003.

Criswell, Hembrey, McCann, Musgnug: Arkansas Arts Council Fellowship Winners Exhibition, UALR Gallery, Little Rock, AR, May 19-July 3, 2003.

Downtown, Inman Gallery, Houston, TX, September 10-27, 2003.

Newman, John

Paintings exhibit, School of Social Work, University of Arkansas, winter 2003.

Nelson, Marilyn

Rosewood Arts Centre Gallery, Dayton, OH (solo), August 4-29, 2003.

Siggraph: 30<sup>th</sup> International conference on Computer Graphics and Interactive Techniques, San Diego Convention Center, July 28-August 1, 2003.

The Me in Team, Heuser Art Center, Bradley University, Peoria, IL, Oct. 22-Nov. 14, 2003.

Digitally Speaking, WomanMADE Gallery, Chicago, September 5-October 9, 2003.

Beyond Pop, Howard County Center for the Arts, Ellicott City, MD, Sept. 9-Oct. 17, 2003.

Florida Printmakers 13<sup>th</sup> National Print Competition, University of Miami, 2004.

Against Tradition: Trends in Contemporary Printmaking, University Art Gallery, Indiana State University, 2004.

Myth Magic and Metaphor, Union Street Gallery, Chicago, 2004.

Peven, Michael

DAUM Museum of Contemporary Art, Sedalia, MO (solo), May 30-Sept. 13, 2003.

AMUM Art Museum, University of Memphis (solo), Sept. 20-Nov. 8, 2003.

Rymer Gallery, School of the Art Institute of Chicago, April-July 2003.

Art Center of the Ozarks (solo), Jan-Feb. 2004.

DPI, University of Little Rock Gallery, February, 2004.

Stout, Ken

Cidnee Patrick Gallery, Dallas, Sept. 14-Oct. 12, 2003.

Cautionary Tales: Recent Oils (solo), Cidnee Patrick Gallery, Dallas, June 18-July 17, 2004.

## **BIOLOGICAL SCIENCES**

### **Chapters**

James, D. A. 2004. Impacts of potential oak forest change on breeding birds of northwestern Arkansas. Pp. 253-256. in: M. A. Spetich, ed. Upland Oak Ecology Symposium: History, Current Conditions, and Sustainability. USDA For. Ser. Gen. Tech. Rep. SRS-73.

Patterson, C. J, and D. A. James. 2004. Use of tree species by summer birds in Ozark upland oak-hickory forest. Pp. 120-122. in: M. A. Spetich, ed. Upland Oak Ecology Symposium: History, Current Conditions, and Sustainability. USDA For. Ser. Gen. Tech. Rep. SRS-73.

- Taulman, J. F., and K. G. Smith. 2004 Home range, habitat selection, and population dynamics of the southern flying squirrels, *Glaucomys volans*, in managed forests in Arkansas. Pp. 71-75. in: J. M. Guilden, Tech. Coord. Ouachita and Ozark Mountains Symposium: Ecosystem Management Research. USDA For. Ser. Gen. Tech. Rep. SRS-74.
- Smith, K. G., M. Mlodinow, J. S. Self, T. M. Haggerty, and T. R. Hocut. 2003. Birds of upland oak forests in the Arkansas Ozarks: Present community structure and potential impacts of burning, borers and forestry practices. Pp. 243-252. in: M. A. Spetich, ed. Upland Oak Ecology Symposium: History, Current Conditions, and Sustainability. USDA For. Ser. Gen. Tech. Rep. SRS-73.
- Spiegel, F. W., S. L. Stephenson, H. W. Keller, D. L. Moore, and J. C. Cavender. 2004. Ch. 25. Mycetozoans. Pp. 547-576. in: G.M Mueller, G.F. Bills, and M.S. Foster (eds). Biodiversity of Fungi: Inventory and Monitoring Methods. Elsevier Academic Press, Burlington, Massachusetts.

### **Referred Publications**

- Zaidan, F., III, and S. J. Beaupre. 2003. The effects of body mass, meal size, fast length, and temperature on specific dynamic action (SDA) in the timber rattlesnake (*Crotalus horridus*). *Physiological and Biochemical Zoology* 76:447-458.
- Beaupre, S. J., E. R. Jacobson, H. B. Lillywhite, and K. Zamudio. 2004. Guidelines for the use of live amphibians and reptiles in field and laboratory research. A publication of the American Society of Ichthyologists and Herpetologists, Approved by board of Governors June 30, 2004, Norman, Oklahoma
- Graening, G.O., and A.V. Brown. 2003. Ecosystem dynamics and pollution effects in an Ozark Cave stream. *Journal of the American Water Resources Association* 39:1497-1507.
- Vig M., S. Srviastava, U. Kandpal, H. Sade, V. Lewis, A. Sarin, A. George, J. Durdik, V. Bal, and S. Rath. 2004. Inducible nitric oxide synthase in T cells regulates T cell death and immune memory. *Journal of Clinical Investigation* 113: 1734-1742.
- Oliveira, D. C. S. G., E. H. Wintermute, W. J. Etges, W. B. Heed, P. M. O 'Grady, and R. DeSalle. 2003. Hierarchical structure in the *Drosophila mojavensis* cluster (Diptera: Drosophilidae). *Hereditas* 139:223-227.
- Etges, W. J., and M. Levitan. 2004. Palaeoclimatic variation, adaptation and biogeography of inversion polymorphisms in natural populations of *Drosophila robusta*. *Biological Journal of the Linnean Society* 81:395-411.
- Kuhn, A., R. Stuart, R. L. Henry, and R. Dalbey. 2003. The Alb3/Oxa1/YidC protein family: membrane localized chaperones facilitating membrane protein insertion? *Trends in Cell Biology* 13:510-516.

- Moore, M. J., R. Goforth, H. Mori, and R. L. Henry. 2003. Functional interaction of chloroplast SRP/FtsY with the ALB3 translocase in thylakoids: substrate not required. *Journal of Cell Biology* 162:1245-1254.
- Davis, S. L. and D. M. Ivey. 2003. Transcriptional control of the opp operon in *Clostridium difficile*. *Inquiry* 4:80-87.
- Holimon, W. C. and Douglas A. James. 2003. Nesting Willow Flycatchers discovered at Harrison, Arkansas. *Jour. Ark. Acad. Science*, 57:81-85
- Krementz, D. G., J. E. Hines, and D. R. Luukkonen. 2003. Survival and recovery rates of Michigan-banded American Woodcock. *Journal of Wildlife Management* 67:398-407.
- Andriamanalijaona, R., N. Felisaz, S. J. Kim, K. King-Jones, M. Lehmann, J. P. Pujol, and K. Boumediene. 2003. Mediation of interleukin-1beta-induced transforming growth factor beta1 expression by activator protein 4 transcription factor in primary cultures of bovine articular chondrocytes: possible cooperation with activator protein 1. *Arthritis and Rheumatism* 48: 1569-1581.
- Lehmann, M. 2004. Anything else but GAGA: A nonhistone protein complex reshapes chromatin structure. *Trends in Genetics* 20:15-22.
- Walker, J. M., and D. D. Rhoads. 2003. The black racerunner (*Cnemidophorus nigricolor* Peters, 1873) in Los Roques Archipelago, Venezuela. *Herpetological Review* 34:105-109.
- Csiki, I., C. Lam, A. Key, E. Coulter, J.D. Clark, R.M. Pace III, K. G. Smith, and D. D. Rhoads. 2003. Analysis of genetic variation in five black bear populations in Arkansas and Louisiana using microsatellite DNA markers. *Journal of Mammalogy* 84:691-701.
- Overton, L. C., and D. D. Rhoads. 2004. Molecular phylogenetic relationships based on mitochondrial and nuclear gene sequences for the Todies (*Todus*, *Todidae*) of the Caribbean. *Molecular Phylogenetics and Evolution* 32:524-538.
- Trimble, S. T., and C. L. Sagers. 2004. Differential patterns of host use in two highly specialized ant-plant associations: evidence from stable isotopes. *Oecologia* 138:74-82.
- Lyon, J., and C. L. Sagers. 2003. Correspondence analysis of functional groups in a riparian landscape. *Plant Ecology* 164:173-181.
- Csiki, I., C. Lam, A. Key, E. Coulter, J. D. Clark, R. M. Pace III, K. G. Smith, and D. D. RHOADS. 2003. Analysis of genetic variation in five black bear populations in Arkansas and Louisiana using microsatellite DNA markers. *Journal of Mammalogy* 84: 691-701.

- Loiselle, B. A., C. A. Howell, C. Graham, J. M. Goerck, T. Brooks, K. G. Smith, and P. H. Williams. 2003. Choice of species distribution model could impact conservation planning. *Conservation Biology* 17:1591-1600.
- Prather, J. W., and K. G. Smith. 2003. Short-term effects of tornado damage on forest bird community structure in the Arkansas Ozarks. *Southwestern Naturalist* 48:292-297.
- Taulman, J. F., and K. G. Smith. 2004. Home range and habitat selection of southern flying squirrels in fragmented forests. *Mammalian Biology* 69:11-27.
- Frentz, I., F. L. Farmer, J. Guldin, and K. G. Smith. 2004. Population growth in counties containing federal lands: An empirical note. *Society and Natural Resources* 17:57-68.
- Walker, J. M., and D. D. Rhoads. 2003. The black racerunner (*Cnemidophorus nigricolor* Peters, 1873) in Los Roques Archipelago, Venezuela. *Herpetological Review* 34:105-109.
- Cordes, J. E., and J. M. Walker. 2003. Skin histocompatibility between syntopic pattern classes C and D. of parthenogenetic *Cnemidophorus tesselatus* in New Mexico. *Journal of Herpetology* 37:185-188.
- Walker, J. M., and J. E. Cordes. 2003. Can *Cnemidophorus tesselatus* (Sauria: Teiidae) occasionally produce offspring markedly different from the mother? *Southwestern Naturalist* 48:126-129.
- McAllister, C. T., J. E. Cordes, and J. M. Walker. 2003. Helminth parasites of unisexual and bisexual whiptail lizards. X. The western marbled whiptail lizard (*Cnemidophorus tigris marmoratus*). *Texas Journal of Science* 55:307-315.
- Walker, J. M., J. A. Lemos-Espinal, and H. M. Smith. 2003. *Cnemidophorus costatus barrancarum* (Barranca Whiptail Lizard). REPRODUCTION. *Herpetological Review* 34:366.
- Lemos-Espinal, J. A., J. M. Walker, and H. M. Smith. 2003. *Cnemidophorus costatus barrancarum* (Barranca Whiptail Lizard). HABITAT. *Herpetological Review* 34:365-366.
- Walker, J. M., J. A. Lemos-Espinal, and H. M. Smith. 2003. *Cnemidophorus costatus barrancarum* (Barranca Whiptail Lizard). Color pattern. *Herpetological Review* 34:366-67
- Walker, J. M. 2003. *Cnemidophorus alpinus* (Alpine Whiptail Lizard). Reproduction. *Herpetological Review* 34:365.
- Ziegler S., and S. Brisco. 2004. Relationships between the isotopic composition of dissolved organic carbon and its bioavailability in contrasting Ozark streams. *Hydrobiologia* 513:153-169.

## **Unrefereed Publications & Proceedings**

Art Brown

Brown, A.V., Tracking environmental quality of an Ozark river: changes in fish assemblages. 64<sup>th</sup> Midwest Fish and Wildlife Conference. Kansas City, Missouri. December, 2003.

Brown, A.V., Recolonization dynamics of various stream meiofauna taxa and their responses to substrate manipulations. 51th Annual Meeting of the North American Benthological Society, Athens, Georgia. May, 2003.

Brown, A.V., Influence of fine sediments on stream meiofauna colonization in artificial channels and on recolonization of a natural stream channel after flooding. 51th Annual Meeting of the North American Benthological Society, Athens, Georgia. May, 2003.

Brown, A.V., Potential suitability of meiofauna for bioassessment of stream (catchment basin) environmental quality. 51th Annual Meeting of the North American Benthological Society, Athens, Georgia. May, 2003.

Steve Beaupre

Beaupre, S. J. 2003. On the representation and analysis of specific dynamic action (SDA). American Society of Ichthyologists and Herpetologists, annual meeting. Manaus, Brazil June 26- July 1 2003.

Montgomery, C. E., and S. J. Beaupre. 2003. Ecology and natural history of the copperhead, *Agkistrodon contortrix*, in northwest Arkansas. American Society of Ichthyologists and Herpetologists, annual meeting. Manaus, Brazil June 26- July 1 2003.

Jeannine Durdik

Durdik, J. M., and J. E. Hesse. DNA double stranded break repair in young and aged lymphocytes. Asilomar, the 43rd Mid-Winter Conference of Immunologists, Pacific Grove, California. January 24-27, 2004.

Durdik, J. M., R. Suresh, M. Vig, S. Bhatia, E. P. B. Goodspeed, B. John, U. Kandpal, S. Srivastava, A. George, R. Sen, V. Bal, and S. Rath. Midwinter Immunology Conference at Asilomar. Pacific Grove, California. January 27-30, 2003.

Bal, V., M. Vig, A. George, R. Sen, S. Rath, and J. Durdik. CO Isoform-specific differences in the effects of phosphodiesterases on T cell memory commitment: potential role of subcellular localization. Keystone Symposia on Antigen Presentation. Keystone, Colorado. March 12 -16 2003.



Durdik, J. M., M. Vig, V. Lewis, R. Suresh, S. Bhatia, E. Goodspeed, B. John, U. Kandpal, S. Srivastava, A. Geroge, S. Rath, and V. Bal. Pentoxifylline functions as an adjuvant in vivo to enhance T cell immune responses by inhibiting death. Arkansas Biomedical Research Infrastructure meeting, Fayetteville, Arkansas. September 19-20th, 2003.

Durdik, J. M., and J. E. Hesse. DNA double stranded break repair in young and aged lymphocytes. ABI annual meeting, Little Rock, Arkansas. October 16-17, 2003.

Lewis, V., M. Vig, R. Suresh, S. Bhatia, E. Goodspeed, B. John, U. Kandpal, S. Srivastava, A. Geroge, S. Rath, V. Bal, and J. M. Durdik. 2004. Pentoxifylline functions as an adjuvant in vivo to enhance T cell immune responses by inhibiting death FASEB and American Association of Immunologists 91st meeting, Washington, D. C. April 17-21.

D. Mack Ivey

Rath, P., A. L. Richards, and D. M. Ivey. 2003. The regulation and expression of the oligopeptide permease protein (OppA) of *Clostridium difficile* as associated with adhesion in vitro. BRIN Conference, Fayetteville, Arkansas. September 19-20, 2003.

Timothy A. Kral

Kral, T.A., D.W.G. Sears, P.H. Benoit, and M.S. Kareev. 2003. Growth of Methanogens in the Andromeda Environmental Chamber under Conditions Approaching Those of the Martian Environment. Am. Soc. Microbiol. Ann. Meet.

Kral, T.A., D.W.G. Sears, P.H. Benoit, and M.S. Kareev. 2003. Methane Production by Methanogens in the Andromeda Environmental Chamber under Conditions Approaching Those of the Martian Environment. 6th International Mars Conference.

Lewter, J.A., A.L. Szalanski, and T.A. Kral. 2003. Molecular Diagnostics of Methanogens in a Mars Soil Simulant. Am. Soc. Gravitational and Space Biol.

David G. Krementz

Clifton, A. M., D. G. Krementz, A. N. Powell, and R. D. Applegate. 2003. Using of mark-resight technique to estimate a Greater Prairie-chicken numbers in tallgrass prairie, Flint Hills, Kansas. 10th Wildlife Society Meeting. October

Loncarich, F. L., and D. G. Krementz. 2003. Breeding season survival of Greater Prairie-chickens in the Flint Hills. 25th Prairie Grouse Technical Council. October

Loncarich, F. L., and D. G. Krementz. 2003. Impacts of burning and grazing on Greater Prairie-chicken movements in the Flint Hills. 64th Midwest Fish and Wildlife Conference. December

Collier, B. A., and D. G. Krementz. 2004. Opinions and preferences of hunters on white-tailed deer management in Arkansas. 27th Annual Meeting of Southeast Deer Study Group. Regional meeting.

Krementz, D. G. 2004. Some thoughts on monitoring bird populations. Southeast Partners in Flight Working Groups Meeting. Regional meeting

Michael Lehmann

Poster: Chromatin structure, gene regulation, and development of the fruitfly *Drosophila melanogaster*. 2003 BRIN Research Symposium, University of Arkansas, Fayetteville. September 19-20, 2003.

Lehmann, M., A. Schwendemann, T. Siegmund, and R. Greenaway. 2004. The role of Pipsqueak in GAGA-binding chromatin complexes. 45th Annual *Drosophila* Research Conference, Marriot Wardman Park Hotel, Washington, D. C. March 24-28, 2004.

Daniel D. Magoulick

Magoulick, D. D., S. W. Hodges, M. P. Dekar, M. K. Scott and M. R. Rabalais. 2003. Factors affecting fish movement in Ozark streams: potential impact of barriers. American Fisheries Society, Quebec, Canada.

Magoulick, D. D. and A. N. Dick. 2003. The role of pools as refugia for fishes during stream drying: importance of fish movement among habitats. North American Benthological Society, Athens, Georgia.

Piercey, G. L., S. E. Ziegler and D. 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, Athens, Georgia.

Flinders, C. A. and D. D. Magoulick. 2003. The best place to eat: food availability vs. predation risk in lotic crayfish habitat selection. North American Benthological Society, Athens, Georgia.

Scott, M. K. and D. D. Magoulick. 2003. Relationship between flow regime, habitat complexity and fish assemblage structure in Arkansas Ozark streams. Southern Division American Fisheries Society, Wilmington, North Carolina.

David S. McNabb

Johnson, D. C., A. J. Pettway, and D. S. McNabb. Differential gene expression in *Candida albicans* pathogenesis. Arkansas Biosciences Research Infrastructure meeting, Little Rock, Arkansas. October 7, 2003.

Duncan C. J., A. J. Pettway, L. Tuli, and D. S. McNabb. A novel subunit of the *Candida albicans* CCAAT-binding factor is a potential antifungal drug target. Annual Meeting of the South Central Branch of the American Society for Microbiology, New Orleans, Louisiana. October 25-26, 2003.

Harrison, O., B. Ledden, J. Uplinger, B. Thomas, T. Mitsui, D. S. McNabb, J. Golovchenko, and J. Li. Probing single polypeptides with a solid state nanopore sensor. Annual meeting of Biophysical Society, Baltimore, Maryland. February 14-18, 2004.

Douglas D. Rhoads

Rhoads, D. A national graduate student database project at the University of Arkansas. National Sigma Xi meeting, Los Angeles, California. November 2003

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

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

Song, K., S. Bailes, J. Kirby, and D. D. Rhoads. Mapping of a gene affecting male fertility and efferent duct development in the chicken. PAG XI, San Diego, California. January 2003.

Cynthia L. Sagers

Sagers, C. L., and H. Schrum. 2003. Introgression of transgenic rice (*Oryza sativa*) into weedy red rice: a greenhouse study. European Science Foundation: Introgression from Genetically Modified Plants into Wild Relatives and its Consequences. Amsterdam, The Netherlands.

Frederick W. Spiegel

Lindley-Settlemyre, L.A., F.W. Spiegel, and S.L. Stephenson. 2004. Protostelids and myxomycetes isolated from aquatic habitats. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Shadwick, J.D., S.L. Stephenson, and F.W. Spiegel. 2004. Report on the protostelids of the Great Smoky Mountains National Park. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Spiegel, F.W., J.D. Shadwick, and D.E. Hemmes. 2004. Inside and out: patterns of protostelids diversity in Hawaiian kipuka and their surrounding lava flows. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Spiegel, F.W. and S.L. Stephenson. 2004. A report on the status of eumycetozoans systematics and biogeography. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Swanson, A.R., D.E. Hemmes, and F.W. Spiegel. 2004. The primary habitat of dictyostelid slime molds on Hawaii. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Swanson, A.R., D.E. Hemmes, and F.W. Spiegel. 2004. Investigations into the biogeography, distribution, and ecology of dictyostelid slime molds on the island of Hawaii. Annual meeting of the Mycological Society of America, Asheville, North Carolina. July 20-22, 2004.

Susan Ziegler

Greer, K. M., S. E. Ziegler, G. J. Thoma, K. J. Davis, and D. C. Wolf. 2004. Influence of abiotic factors on hexadecane biodegradation in a Captina silt loam. 11th Annual International Petroleum Environmental Conference, Albuquerque, New Mexico. October 12-15, 2004.

Lam, T. B., G. Thoma, D. Wolf, and S. E. Ziegler. 2004. Novel approaches to measurement of rhizosphere effects in phytoremediation of oil-contaminated soils. 11th Annual International Petroleum Environmental Conference, Albuquerque, New Mexico. October 12-15, 2004.

Ziegler, S. E., and S. L. Brisco. 2004. Tracking autochthonous carbon in two contrasting Ozark streams using stable isotopes. North American Benthological Society Meeting. Vancouver, British Columbia, Canada. June 6-10, 2004.

Brisco, S. L., and S. E. Ziegler. 2004. Effects of solar radiation on dissolved organic matter utilization in Ozark streams. North American Benthological Society Meeting. Vancouver, British Columbia, Canada. June 6-10, 2004.

Magoulick, D. D., G. L. Piercey, and S. E. Ziegler. 2004). Seasonal feeding relationships between an introduced (*Orconetes neglectus*) and native crayfish (*Orconectes eupunctus*) in Ozark streams: a stable isotope analysis. North American Benthological Society Meeting. Vancouver, British Columbia, Canada. June 6-10, 2004.

## **INVITED LECTURES**

Steven J. Beaupre

Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited Keynote Speaker, Annual meeting of the Kansas Herpetological Society, Emporia, Kansas. November 8, 2003.

Snakes as model organisms for connecting climate change to population dynamics. Snake Ecology Group IV Meeting, Carbondale, Illinois. May 24, 2004.

Timber rattlesnakes as models for studying the effects of climate change. Invited seminar. Annual meeting of the Arkansas Herpetological Enthusiasts, Mt. Magazine, Arkansas. April 17, 2004.

Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited seminar. Washington State University, Pullman. March 8, 2004.

Integrative biology of the timber rattlesnake, *Crotalus horridus*: Modeling, measuring, and manipulating time-energy allocation. Invited seminar. Northeast State University, Tahlequah. January 28, 2004.

William J. Etges

University of Vermont, Department of Biological Sciences, March 2003.

Stanford University, Department of Biological Sciences, March 2003.

Louisiana State University, Department of Biological Sciences, September 2003.

University of New Orleans, Department of Biological Sciences, September, 2003.

Vanderbilt University, Department of Biological Sciences, October, 2003.

University of Cincinnati, Department of Biological Sciences, November, 2003.

Ralph Henry

Using tobacco to treat drug abuse. Arkansas Biosciences Institute. ABI Board, University of Arkansas Systems Office. August, 2003.

SRP function in posttranslational targeting to the thylakoid membrane. International Congress on Photosynthesis in Montreal. August 2004.

Michael Lehmann

Decisions between life and death: the fruit fly as a model for human development and disease". Science and Technology Seminar Series, Northeastern State University, Tahlequah. April 7, 2004.

David S. McNabb

Northeastern State University (Tahlequah campus), Department of Biology. September 25, 2002.

Douglas D. Rhoads

Mapping of a gene affecting male fertility and efferent duct development in the chicken. Center for Gene Research and Biotechnology, Oregon State University, Corvallis. January 2003.

Cynthia L. Sagers

University of Colorado, Boulder. Department of Evolution, Population and Organismal Biology.

The Natural History Museum, London. Department of Botany.

Kimberly G. Smith

University of Singapore, Department of Biology, Singapore

Jurong Birdpark, Singapore

Trinity College, Department of Biology, Hartford, Connecticut.

Eastern Illinois University, Department of Biology.

3<sup>rd</sup> Enders Memorial Lecture in Ornithology, Trinity College, Hartford, Connecticut.

Susan Ziegler

Arkansas Water Resources Annual Meeting, Fayetteville, AR April 20-21, 2004.

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

Steven J. Beaupre

Beaupre, S. J., W. Thompson, and B. Collier. Factors affecting survival rates of radio tagged timber rattlesnakes (*Crotalus horridus*) in northwest Arkansas. American Society of Ichthyologists and Herpetologists, Norman, Oklahoma. May 31, 2004.

Montgomery, C. E., and S. J. Beaupre. Energy allocation in relation to foraging mode. American Society of Ichthyologists and Herpetologists. Norman, Oklahoma. May 31, 2004.

Jeannine M. Durdik

Durdik, J., U. Kandpal, S. Srivanstra, A. George, V. Bal and S. Rath. In vivo augmentation of T cell memory by PF. 29<sup>th</sup> Indian Immunology Society meeting, Bhurbanewsar, Orissa, India. November 26-28, 2002.

Daniel D. Magoulick

Magoulick, D. D. Factors affecting migration and recruitment in headwater fish assemblages of Buffalo National River, Project Accomplishment Report FY2003, Buffalo National River, Midwest Region, National Park Service.

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, Arkansas. (selected for oral presentation given by Robin Reed). Presentation.

Cynthia L. Sagers

Sagers, C. L., and S. T. Trimble. Stable isotopes reveal conditional nature of a specialized ant-plant interaction. Annual meeting of the Society for the Study of Evolution, Urbana-Champaign, Illinois. June 29 – July 2, 2003.

Kimberly G. Smith

Smith, K.G. Austral migration: An overview. VII Neotropical Ornithological Congress, Termas del Puyehue, Chile. October 2003.

Frentz, I., F. L. Farmer, and K. G. Smith. Human population growth and National Forest lands. American Association for the Advancement of Science, Denver, Colorado.

Smith, K. G. Conservation priorities for birds at risk in Latin America. Association of Tropical Biologists, Aberdeen, Scotland.

### **OTHER CREATIVE ENDEAVORS**

Fred Spiegel

Spiegel, F. W., J. D. Shadwick, and L. Lindley-Settlemyre. 2004. A beginner's guide to identifying the common protostelids. It is posted on the Eumycetozoans Project Web Site (<http://cavern.uark.edu/ua/mycetozo>)

## **CHEMISTRY & BIOCHEMISTRY**

### **Chapters**

#### Refereed Articles

Wang, X.; Yu, W.; Zhang, J.; Aldana, J.; Peng, X.; Xiao, M. Photoluminescence upconversion in colloidal CdTe quantum dots. *Phys. Rev. B.*, 2003, 68, 125318.

Anderson, T. J.; Jones, G. D.; Vivic, D. A. Evidence for a Ni(I) Active Species in the Catalytic Cross-Coupling of Alkyl Electrophiles *J. Amer. Chem. Soc.* 2004, 126, 8100-8101.

Anderson, T. J.; Vivic, D. A. Direct Observation of Non-Innocent Reactivity of ZnBr<sub>2</sub> with Alkyl Halide Complexes of Nickel. *Organometallics*, 2004, 23, 623-624.

Baker, J.; Pulay, P. Assessment of the OLYP and O3LYP Density Functionals for First-Row Transition Metals. *J. Comput. Chem.*, 2003, 24, 1184.

Malagoli, M.; Baker, J. The Effect of Grid Quality and Weight Derivatives in Density Functional Calculations of Harmonic Vibrational Frequencies. *J. Chem. Phys.* 2003, 119, 12763.

Mitin, A. V.; Baker, J.; Pulay, P. An Improved 6-31G\* Basis Set for First-Row Transition Metals. *J. Chem. Phys.* 2003, 118, 7775-7782.

Battaglia, D.; Li, J. J.; Wang, Y.; Peng, X. Colloidal Two-Dimensional Systems, CdSe Quantum Shells and Wells. *Angew. Chem. Int. Ed.* 2003, 43, 5035.

Schneider, D. M.; Benoit, P. H.; Kracher, A.; Sears, D. W. G. Metal size distributions in EH and EL chondrites. *Geophys. Res. Lett.* 2003, 30, (Issue 8) 2-1, Cite ID 1420, DOI 10.1029/2002GL016672.

Franzen, M. A.; Nichols, S.; Bogdon, K.; White, C.; Godsey, R.; Napieralski, N.; Benoit, P. H.; Sears, D. W. G. The origin of chondrites: Metal silicate separation experiments under microgravity conditions. *Geophys. Res. Lett.* 2003, 30 (Issue 14), pp. SSC 7-1, Cite ID 1780, DOI 10.1029/2003GL017659.

Aguilar, Z. P.; Fritsch, I. Immobilized Enzyme Linked DNA-hybridization Assay with Electrochemical Detection for *Cryptosporidium parvum* hsp70 mRNA. *Anal. Chem.*, 2003, 75, 3890-3897.

Evans, S. R.; Fritsch, I. A Self-Contained Microelectrochemical Cavity System Comprising of a Polymer and Phospholipid Membrane Suspended Over a Picoliter Volume. *Electroanalysis*, 2004, 16, 45-53.



Neugebauer, S.; Evans, S. R.; Aguilar, Z. P.; Fritsch, I.; Schuhmann, W. Analysis in Ultrasmall Volumes: Microdispensing of Picoliter Droplets and Rapid Analysis without Protection from Evaporation. *Anal. Chem.* 2004, 76 (2), 458-463.

Vandaveer, W. R.; Gray, S. R.; Mubarak, I.; Fritsch, I. Self-Contained Electrochemical Measurements of Ultrasmall Volumes with Microcavity Devices: Experiment and Simulation. *Anal. Chem.* 2004, in revisions.

Vandaveer, W. R., IV; Woodward, D. J.; Fritsch, I. Redox Cycling Measurements of a Model Compound and Dopamine in Ultrasmall Volumes with a Self-Contained Microcavity Device. *Electrochim. Acta*, 2003, 48, 3341-3348.

Gawley, R. E.; Barolli, G.; Madan, S.; Saverin, M.; O'Connor, S. Nucleophilic Synthesis of Enantiopure 2-(Tributylstannyl)pyrrolidines. *Tetrahedron Lett.* 2004, 45, 1759-1761.

Goforth, R. L.; Chi, A. K.; Greathouse, D. V.; Providence, L. L.; Koeppe, R. E., II; Andersen, O. S. Hydrophobic Coupling of Lipid Bilayer Energetics to Channel Function. *J. Gen. Physiol.* 2003, 121, 477-493.

De Planque, M. R. R.; Bonev, B. B.; Demmers, J. A. A.; Greathouse, D. V.; Koeppe, R. E. II; Separovic, F.; Watts, A.; Killian, J. A. Interfacial anchor properties of tryptophan residues in transmembrane peptides can dominate over hydrophobic matching effects in peptide-lipid interactions. *Biochemistry* 2003, 42, 5341-5348.

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## **Unrefereed Publications and Proceedings**

Diaz-Acosta, I.; Baker, J.; Hinton, J.; and Pulay, P. Calculated and Experimental Geometries and Infrared Spectra of Metal Tris-Acetylacetonates. *Spectrochim. Acta* 2003, 59A, 363.

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Koeppel R. E., II; Gu, H.; Sun, H.; Scherer, E. M. Selective Deuteration of the Trp Indole Ring and Indole Analogues for NMR Spectroscopy. *Biophys. J.* 2003, 86, 73a.

Kracher, A.; Sears, D. W. G. Simulating sulfur loss from asteroid surfaces as a result of space weathering. EGS-AGU-EUG Joint Assembly. *Geophys. Res. Abs.* 2003, 5, Abstract # P1340. (CD-ROM).

Miller, A. E.; Greathouse, D. V. Lipid interactions of tryptophan and lysine in membrane spanning peptides. *Biophys. J.* 2003, 84, A2514.

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Whitley, M. J.; Koeppel, R. E., II Dynamics of lipid-embedded alpha-helices using solid state deuterium NMR and spectral simulation *Biophys. J.* 2004, 86, 73a.

## **Invited Lectures**

Arumugam, P. U.; Clark, E. A.; Fritsch, I. Use of magnetic fields for electroanalytical chemistry applications. Symposium on Recent Advances in the Use of Magnetic Fields in Small Scale Chemistry, 227<sup>th</sup> National Meeting of the American Chemical Society, Anaheim, March 28-April 1, 2004.

Baker, J. The Fourier Transform Coulomb Method. Singapore International Chemistry Conference #3 (SICC) Singapore, December 14-19, 2003.

Durham, B. Study of Electron Transfer in Cytochrome c Oxidase Using Ruthenium Bipyridine Complexes. Hendrix University, November 14, 2003.

Fritsch, I. Instability of Self-Assembled Monolayers of Organothiols on Gold: Preventing It and Taking Advantage of It in Electrochemical Bioassays. Symposium on Electrochemistry at Electrodes Modified with Organized Monolayer Assemblies, Meeting of the Electrochemical Society, San Antonio, TX, May 2004.

Fritsch, I.; Shultz, J. Introducing Materials Characterization Techniques into Instrumental Analysis Lecture and Laboratory. Symposium on New Approaches to Teaching Analytical Chemistry of Materials, Federation of Analytical Chemistry and Spectroscopy Societies, Ft. Lauderdale, October 19-24, 2003.

Fritsch, I. Exploiting Electrochemistry for analysis in and control of microscopic systems. University of St. Louis, February 20, 2004.

Fritsch, I. Microelectrochemical Assay Systems for Pathogen Detection in Environmental Samples. Symposium on Bioanalytical Microsystems for Toxins and Pathogens, Pittcon 2004, Chicago, March 7-12, 2004.

Fritsch, I. New Approaches for Interfacing Microelectrochemical Detection with Bioassays and Arrays. Symposium on New Detection Schemes for Bioarrays and Biochips, Pittcon 2004, Chicago, IL, March 7-12, 2004.

Fritsch, I.; Aguilar, Z. P.; Fakunle, E.; Factor, B. Materials Considerations in Microelectrochemical Systems for Bioanalytical Chemistry. Symposium on Bioanalytical Electrochemistry, Federation of Analytical Chemistry and Spectroscopy Societies, Ft. Lauderdale, October 19-24, 2003.

Aguilar, Z. P.; Vandaveer, W. R., IV; Etienne, M. Neugebauer, S.; Schuhmann, W.; Fritsch, I. Ultrasmall electrochemical systems for analysis with biological applications. 2004 Annual International Meeting of the Institute of Biological Engineering, Fayetteville, AR, January 9-11, 2004.

Schuhmann, W.; Etienne, M.; Schulte, A.; Fritsch, I. High-resolution shear-force-based nanoelectrode positioning for SECM imaging. Meeting of the Electrochemical Society, San Antonio, TX, May 2004.

Gawley, R. Marine Toxins: Chemistry, Biochemistry, and Analysis. ACS speaker, Duncan, OK, February 18, 2004.

Gawley, R. Why did Alice ask her kitty, "Perhaps looking-glass milk isn't good to drink?" A simple explanation of the relevance of handedness, from weak bosons to the double helix. Cameron University, Lawton, OK, February 18, 2004.

Gawley, R. Why did Alice ask her kitty, "Perhaps looking-glass milk isn't good to drink?" A simple explanation of the relevance of handedness, from weak bosons to the double helix. Southwest Missouri State University, February 23, 2004.

Gawley, R. New Toxin(s) from Everglades Species of *Lyngbya* – Structural Studies. Rosentiel School for Marine and Atmospheric Science, Miami, March 18, 2004.

Gawley, R. Chemosensors for the Marine Toxin Saxitoxin. University of Kansas, April 22, 2004.

Gawley, R. Chemosensors for the Marine Toxin Saxitoxin. Wichita State, April 28, 2004.

Gawley, R. Chemosensors for the Marine Toxin Saxitoxin. UAMS, Little Rock, May 12, 2004.

Lay, J. Bringing Proteomics into Chemical Education: An Approach to Teaching Peptide Mass Fingerprinting. Symposium New Approaches to Teaching Mass Spectrometry, 30<sup>th</sup> Annual Meeting of the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS), Ft. Lauderdale, FL, October 19-23, 2003.

Lay, J. Mass Spectrometry for the Rapid Identification of Bacteria. St. Louis Area ASMS Mass Spectrometry Discussion Group & Allied Signal Chemical, 2003.

McIntosh, M. C. Claisen and Aldol Approaches to the Eunicellin Diterpenes”, University of Missouri – Kansas City, Kansas City, MO, December 4, 2003.

Pulay, P. Theoretical Vibrational and Nuclear Magnetic Resonance Spectroscopy. XI<sup>th</sup> International Congress of Quantum Chemistry, Bonn, Germany, July 21-25, 2003.

Pulay, P. New Methods in Molecular Dynamics. University of California, Berkeley, September 3, 2003.

Pulay, P. Calculation of Correlation Energies in Large Molecules. 46th Annual Meeting of the Polish Chemical Society, Lublin, Poland, September 15-19, 2003.

Pulay, P. The Fourier Transform Coulomb Method for Large Molecules. North Carolina A&T University, November 13, 2003.

Pulay, P. The Fourier Transform Coulomb Method for Large Molecules: Potential Applications to NMR Chemical Shifts in Proteins. Virginia Polytechnic Institute and State University, November 14, 2003.

Sakon, J. Crystal structure of GH12 from *Acidothermus cellulolyticus*. Gordon Research Conference, July 27, 2003.

Adney, B.; Sakon, J.; Himmel, M. Protein Engineering of cellulases from *A. cellulolyticus*. Gordon Research Conference, Andover, NH, July 27, 2003.

Sakon, J. Crystal structure of family 12 endocellulase from *Acidothermus cellulolyticus*. Mie Bioforum 2003 – Biotechnology of Lignocellulose Degradation and Biomass Utilization, Ise-Shima, Japan, November 2003.

Sakon, J. Crystal Structure of Collagen Binding Domain. University of Kyoto, November 17, 2003.

Sakon, J. Structure of Bacterial Collagenase. Spring Conference in Protein Research 2004, San Juan, Puerto Rico, April 15-17, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Fernando Pessoa University, Porto, Portugal, 2003.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. John Brown University, Siloam Springs, AR, March 9, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Abbaye de Wisques, France, Sat. February 21, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Interdisciplinary University of Paris, France, February 23, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Pittsburg State University, Kansas, February 28, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Pittsburg State University, Kansas, May 5, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Abbaye Ste. Marie des Deux Montagnes; Montreal, Quebec, May 9, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. University of Montreal, Canada, May 10, 2004.

Schäfer, L. Concepts of Quantum Physics and Quantum Chemistry. Abbaye St. Benoît du Lac; Quebec, Canada, May 12, 2004.

Stites, W. E. Tight packing in proteins and the origin of folding cooperativity. Florida State University, Tallahassee, FL, Department of Biochemistry and the Institute of Molecular Biophysics, October 7, 2003.

Stites, W. E. Tight packing in proteins and the origin of folding cooperativity. University of North Carolina, Chapel Hill, NC, Department of Biochemistry, November 4, 2003.

Vicic, D. Tertiary Alkyl Complexes of Nickel and the Chemistry Derived Thereof. Universidad Nacional Autónoma de México, October 14, 2003.

Vicic, D. Stabilizing Unusual Geometries and Oxidation States of Nickel. Pittsburg State University, October 24, 2003.



Vicic, D. Coupling of C-C ( $sp^3$ ) Bonds Using New Nickel Catalysts. University of Central Arkansas, February 17, 2004.

Wilkins, C. Use of MALDI Mass Spectrometry for Detection of Microbes. American Geophysical Union National Meeting, San Francisco, December 12, 2003.

Yu, C. The non-classical pathway secretion of fibroblast growth factor by multi-protein assembling. Maine Medical Center Research Institute, December 11, 2003.

Yu, C. NMR studies of fibroblast growth factor. University of Alabama, December 8, 2003.

Yu, C. Structure-based drug design by NMR. Southwest Missouri State University, October 20, 2003.

### **Other Lectures, Papers, and Oral Presentations**

Arumugam, P. U.; Belle, A. J.; Fritsch, I. Stirring Solutions on a Small Scale: Electrochemistry at Microelectrodes Embedded in Permanent Magnets. 9th Joint MMM-Intermag Conference 2004, December 2004.

Belle, A.; Arumugam, P.; Fritsch, I. Micro stirring: Magnetic Field Effects at Microelectrodes Embedded in Magnets. Poster, Pittcon 2004, Chicago, IL, March 7-12, 2004.

Bateman, D.; Lakshimi, R. A Convenient 3-Step Synthesis of R (-7) – Hydroxycarvone from (S) -  $\alpha$  Pinene. CU Roche – Colorado Symposium Synthetic Organic Chemistry, Boulder, CO, June 1-4, 2004.

Benoit, P. H.; Hagedorn, N. L.; Kracher, A.; Sears, D. W. G.; White, J. Grain Size and Density Separation on Asteroids: Comparison of Seismic Shaking and Fluidization. Abstract #1033, Lunar and Planetary Institute (CD-ROM), 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

Brand, S.; Geren, L.; Durham, B.; Millett, F.; Patel, C.; Pielak, G. Kinetic Studies of the Second Low Affinity Binding Site on Cytochrome c Oxidase. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14-18, 2004.

Bullard, L.; Pennington, E. M.; Jasbring, M.; Fritsch, I. Investigations of Integrated Microelectrochemical Channel Devices. Pittcon 2004, Chicago, IL, March 7-12, 2004.

Clark, E. A.; Fritsch, I. Redox Magnetohydrodynamics for Anodic Stripping Voltammetry Enhancement. Pittcon 2004, Chicago, IL, March 7-12, 2004.

Daily, A.; Greathouse, D. V. Effects of Lysine and Tryptophan Anchoring Preferences on Secondary Structure of Membrane Spanning Peptides. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14-18, 2004.

Daily, A.; Greathouse, D. V. Isolation of DNA from Kiwi Fruit. University Day, Fayetteville, AR, February 27, 2004.

Bishop, B.; Davis, M.; Davis, D. Cloning and Expression of the Fused CuA- and Cytochrome c Domains of Subunit II of the Cytochrome caa3. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14, 2004.

Factor, B.; Henrichs, A.; McElderry, J.; Fritsch, I. Microelectrochemical Assay Platforms for Detection of Pathogens. Pittcon 2004, Chicago, IL, March 7-12, 2004.

Fakunle, E.; Fritsch, I. Electrochemical Immunoassays Involving Low Temperature Co-fired Ceramic (LTCC) Screen Printed Gold. Pittcon 2004, Chicago, IL, March 7-12, 2004.

Franzen, M. A.; Sears, D. W. G. The Hera Near-Earth Asteroid Sample Return Mission: An Overview. Abstract #1032, Lunar and Planetary Institute (CD-ROM). Cite ID 1522, DOI 10.1029/2002GL016860, 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

Gawley, R. The (Absolute) Barrier to Enantiomerization of 2-Lithiopyrrolidines. 19<sup>th</sup> International Conference on Heterocyclic Chemistry, Collins, CO, August 10-15, 2003.

Gawley, R. Chemosensors for Marine Toxins. Arkansas Biosciences Institute Symposium, Little Rock, AR, October 8, 2003.

Ham, J.; Durham, B. Time-Resolved Emission Measurements of  $[\text{Ru}(\text{bpy})_3]^{2+}$  in the Electrospay Plume. American Chemical Society, Columbia, MO, November 2003.

Henrichs, A.; Factor, B.; McElderry, J.; Fritsch, I. An Enzyme-Linked Immunoassay with Electrochemical Detection for the Malaria Parasite Plasmodium falciparum. Pittcon 2004, Chicago, IL, March 7-12, 2004.

Jaber, A.; Kaufman, J.; Liyanage, R.; Wilkins, C. The Influence of Laser Power on Mass Discrimination in Internal Source MALDI FTMS Spectra of Polymers. 52<sup>nd</sup> American Society for Mass Spectrometry (ASMS), Nashville, TN, May 23-28, 2004.

Jones, J.; Wilkins, C. Bacterial Pyrolysis Products Analyzed Using a Portable High Resolution 1 Tesla Fourier Transform Mass Spectrometer. 52<sup>nd</sup> American Society for Mass Spectrometry (ASMS), Nashville, TN, May 23-28, 2004.

Joshi, A.; Bateman, D.; Hicklin, D.; McIntosh, M. High Throughput Synthesis of Novel Drug Candidates for the Treatment of Cancer. CU Roche – Colorado Symposium Synthetic Organic Chemistry, Boulder, CO, June 1-4, 2004.

Kareev, M. S.; Sears, D. W. G.; Benoit, P. H.; Atabaev, B. G. The Importance of Solar Wind in the Production of "Space Weathering" Features on the Moon and on Asteroids. Abstract #1110, Lunar and Planetary Institute (CD-ROM), 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

Koeppel R. E., II; Gu, H.; Sun, H.; Scherer, E. M. Selective Deuteration of the Trp Indole Ring and Indole Analogues for NMR Spectroscopy. 48th annual meeting of the Biophysical Society, Baltimore, MD, 2004.

Bruno, M. J.; Koeppel, R. E., II; Andersen, O. S. Modification of Gramicidin Channel Function by Poly-unsaturated Fatty Acids. 48th annual meeting of the Biophysical Society, Baltimore, MD, 2004.

Kracher, A.; Sears, D. W. G., Benoit, P. H.; Meier, A. J. (2003) Eros Sulfur Deficiency: A Closer Look at Meteorite Comparisons. Abstract #1023, Lunar and Planetary Institute (CD-ROM), 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

McElderry, J. A.; Henrichs, A. E.; Factor, B. E.; Fritsch, F. Immuno and DNA-Hybridization Assays with Electrochemical Detection for the Malaria Parasite Plasmodium falciparum. Poster, 2004 Annual International Meeting of the Institute of Biological Engineering, Fayetteville, AR, January 9-11, 2004.

McElderry, J.; Henrichs, A.; Factor, B.; Fritsch, I. An Enzyme-Linked DNA-Hybridization Assay with Electrochemical Detection for the Malaria Parasite Plasmodium falciparum. Pittcon 2004, Chicago, IL, March 7-12, 2004.

McIntosh, M. C. A Cycloaldol Approach to the Eunicellin Diterpenes. Gordon Research Conference on Organic Reactions and Processes, Bristol, RI, July 20-25, 2003.

Meier, A.; Akridge, D. G.; Akridge, J. M. C.; Batchelor, J. D.; Benoit, P. H.; Brewer, J.; Dehart, J. M.; Keck, B. D.; Lu, J.; Schneider, D. M.; Sears D. W. G., Symes, S. K. J., Yanhong. Cathodoluminescence Color Indices as a Parameter for Measuring Petrologic Changes in Meteorites. Abstract #1032, Lunar and Planetary Institute (CD-ROM), 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

Millett, F. Design of a Ruthenium-labeled Cytochrome c Derivative to Study Electron Transfer with the Cytochrome bc<sub>1</sub> Complex. Bioenergetics Gordon Conference, Andover, NH, July 2003.

Moore, S. R.; Franzen, M.; Benoit, P. H.; Sears, D. W. G.; Holley, A.; Meyers, M.; Godsey, R.; Czapinski, J. The Origin of Chondrites: Metal-Silicate Separation Experiments Under Microgravity Conditions. Abstract #1046, Lunar and Planetary Institute (CD-ROM), 34th Lunar and Planetary Science Conference, Houston, TX, 2003.

Neal, S.; Means, T.; Hargis, K. C.; Deitz, D.; Allison, N. T. Transition Metal 5-membered Ring Analogs of Quinone-methide. Organometallic Gordon Conference, Newport, RI, July 2003.

Rajagukguk, R.; Durham, B.; Millett, F.; Patel, C.; Pielak, G.; Zhen, Y.; Ferguson-Miller, S. Double Mutant Studies of Cytochrome c/Cytochrome c Oxidase Interaction. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD., February 14-18, 2004.

Rajagukguk, S.; Rajagukguk, R.; Durham, B.; Millett, F.; Bryant, J.; Pielak, G. Merbitz-Zahradnik, T.; Trumpower, B. The Kinetic Parameters in the Interaction of Yeast Cytochrome c with Yeast Cytochrome bc<sub>1</sub>. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14-18, 2004.

Sears, D. W. G.; Farmer, C. B.; Kareev, M. S.; Moore, S. R. Laboratory studies of the behavior of water under martian atmospheric conditions. 35<sup>th</sup> annual meeting of the Division of Planetary Science, American Astronomical Society, Monterey, CA, September 2-6, 2003.

Sears, D. W. G.; Scheeres, D. J.; Binzel, R. P. The HERA Multiple Near-Earth Asteroid Sample Return Mission: Selection of the Target Asteroids. Abstract #1047, Lunar and Planetary Institute (CD-ROM), 34<sup>th</sup> Lunar and Planetary Science Conference, Houston, TX, 2003.

Thompson, J.; Sears, D. W. G.; Benoit, P. H.; Kareev, M. S. Martian Gullies and the Stability of Water in the Martian Environment. Abstract #1035, Lunar and Planetary Institute (CD-ROM) 34<sup>th</sup> Lunar and Planetary Science Conference, Houston, TX, 2003.

Stites, W. E.; Kim, Y. H. Excluded volume effects upon protein stability in covalently crosslinked proteins with variable linker lengths. Colorado Protein Stability Conference, July, 2003.

Vicic, D. Tertiary alkyl complexes of nickel and palladium and the chemistry derived thereof. ACS National Meeting, Anaheim, CA, March 31, 2004.

Whitley, M. J.; Koeppe, R. E., II Dynamics of lipid-embedded alpha-helices using solid state deuterium NMR and spectral simulation. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14-18, 2004.

Wilkin, C. L. Intact Cell Mass Spectrometry of Bacteria from Double-Depleted <sup>13</sup>C and <sup>15</sup>N Media. Sixth International Symposium on Mass Spectrometry in the Health and Life Sciences, San Francisco, CA, August 24-28, 2003.

Wilkins, C. L. Use of Double-Depleted <sup>13</sup>C and <sup>15</sup>N Culture Media for Analysis of Whole Cell Bacteria by MALDI Time-of-Flight and Fourier Transform Mass Spectrometry. 16<sup>th</sup> International Mass Spectrometry Conference, Edinburgh, Scotland, August 31-September 5, 2003.

Wilkins, C.; Lay, J.; Fleming, R.; Stump, M.; Jones, J.; Liyanage, R. "High Resolution FTMS of Recombinant Proteins by Whole-Cell MALDI. 52<sup>nd</sup> American Society for Mass Spectrometry (ASMS), Nashville, TN, May 23-28, 2004.

Yuan, Q.; Rajagukguk, R.; Scharlau, M.; Geren, L.; Davis, M.; Millett, F.; Durham, B. Electron Transfer Studies of Cytochrome b5 Labeled with a High Quantum Efficiency Ruthenium Complex. 48<sup>th</sup> annual meeting of the Biophysical Society, Baltimore, MD, February 14-18, 2004.

## **COMMUNICATION**

### **Book Chapters**

- Amason, Patricia and Charon R. Jenkins. "Relationship Stagnation: Does Calling It Quits Have to be So Painful?" In Readings in Gendered Context, edited by Phil Backlund and Mary Rose Williams. Belmont, CA: Wadsworth, 2004.
- Scheide, Frank M. "The Influence of English Music Hall, Dan Leno and Fred Karno on the Film Comedy of Stan Laurel," In Scene Stealing, edited by Alan Burton and Laraine Porter. London: Flicks Books, 2002.
- Smith, Lindsley A. "Restoration." In Nesting: It's a Chick Thing, edited by Ame Mahler Beanland and Emily Miles Terry. New York: Workman, 2004.
- Smith, Stephen A.. "Schenck v. United States and Abrams v. United States." In Free Speech on Trial: Communicaiton Perspectives on Landmark Supreme Court Decisions, edited by Richard A. Parker. Tuscaloosa: University of Alabama Press, 2003.
- Webb, Lynne M., Kandi L. Walker, Tamara S. Bollies, and Aparna G. Hebbani. "Perceived Parental Communication, Gender, and Young Adults' Self-Esteem: Male, Female, and Universal Path Models." In Readings in Gendered Context, edited by Phil Backlund and Mary Rose Williams . Belmont, CA: Wadsworth, 2004.

### **Journal Articles**

- Smith, Lindsley A. "No Sense of Cyberplace: Personal Jurisdiction in Internet Litigation." Interactive Convergence (2003). <http://www.inter-disciplinary.net/ci/mm/mm1/smith%20paper.pdf>
- Warren, Ron. "Parental Mediation of Preschool Children's Television Viewing." Journal of Broadcasting & Electronic Media 47 (2003): 394-417.
- \_\_\_\_\_. "Preaching to the Choir? Parents' Use of TV Ratings to Mediate Children's Viewing." Journalism & Mass Communication Quarterly 4 (2003): 867-886.
- Webb, Lynne M., Amanda J. Bourgerie, Milton W. Shaper, Kayla B. Johnson, Krista L. Dubbs, Kylie N. Mountain, Kim K Harp, and Amber M. Walker. "Gender and Diversity in Family Communication: A Content Analysis of the Four Undergraduate Textbooks." Journal of Family Communication 4 (2004): 35-52.

Acoach, Charity L. and Lynne M. Webb. "The Influence of Language Brokering on Hispanic Teenagers' Acculturation, Academic Performance, and Nonverbal Decoding Skills: A Preliminary Study." Howard Journal of Communications 15 (2004): 1-19.

Wicks, Robert H. and Souley Boubacar. "Going Negative: Candidate Usage of Internet Websites During the 2000 Presidential Campaign." Journalism and Mass Communication Quarterly 80 (2003): 128-144.

### **Other Publications**

Scheide, Frank M. "Film Notes for DVD release of Charlie Chaplin: The Essanay Films, Volumes 1 & 2." London: The British Film Institute, 2003.

\_\_\_\_\_. "Film Notes for DVD Release of Charlie Chaplin: The Mutual Films, Volume 1." London: The British Film Institute, 2003.

Smith, Lindsley A. Review of, Censorship, Inc.:The Corporate Threat to Free Speech in the United States, by Lawrence Soley. Southern States Communication Journal 68 (2003).

Smith, Stephen A. Review of, The Price of Dissent: Testimonies to Political Repression in America, by Bud Schultz and Ruth Schultz. Labor Studies Journal 28 (2003).

### **Convention and Conference Presentations**

Edwards, Renee, Myria Watkins Allen, Bradley Brewster, Celia Ray Hayhoe, and Lauren Leach. "Family Communication about Credit Card Use by College Students." Paper presented at the International Communication Association Convention, New Orleans, Louisiana, May 2004.

Allen, Myria Watkins, Renee Edwards, Celia Ray Hayhoe, Bradley Brewster, Lauren Leach, and Enid Waldhart. "Interactions, Attitudes Toward Money and Credit, and Family Dynamics." Paper presented at the Southern States Communication Association Convention, Tampa, Florida, April 2004.

Allen, Myria Watkins. "Family Communication Regarding Credit Cards and Other Financial Issues." Paper presented at the 21<sup>st</sup> Century Families Conference, Little Rock, Arkansas, April 2004.

Leach, Lauren, Celia Ray Hayhoe, Myria Watkins Allen, and Bradley Brewster. "Improving Parent-college Student Discussions about Credit." Paper presented at the Association for Financial Counseling and Planning Education Meeting, Savannah, Georgia, November 2003.

- Allen, Myria Watkins, Joy Hart, and S. Coopman. "Submit, Resist, or Subvert? Organization Members' Responses to Electronic Surveillance." Paper presented at the Association of Internet Researchers Conference, Toronto, Canada, October 2003.
- Amason, Patricia. "Student Perceptions of Service Learning Projects." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- Wicks, Jan L., Widder, K. and Robert M. Brady. "Do the Number and Type of Sources Used Appear to be Related to Infomercial Success? An Exploratory Study." Paper presented at the Association for Education in Journalism and Mass Communication Convention, Kansas City, Missouri, August 2003.
- Frentz, Thomas S. "His Monster's Voice." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- Rogers, Jimmie N. "The Scenes Seen on Country Music Videos: Views Somewhere between Rock and a Hard Place." Paper presented at the International Country Music Association Convention, Nashville, Tennessee, May 2004.
- Rushing, Janice Hocker. "It Should Have been a Wedding: Metaphors of Life and Death at a Funeral." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- Scheide, Frank M. "The Social Commentary of Buster Keaton." Paper presented at the Buster Keaton Celebration, Iola, Kanas, September 2003.
- Smith, Lindsley A. "Limiting Campus Debate: Is it More than Time, Place and Manner?" Paper presented at the Southern States Communication Association, Tampa Florida, April 2004.
- \_\_\_\_\_. "Determining the Amount and Form of Cyber Communication." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- \_\_\_\_\_. "Free Speech and the Internet: An Analysis of Historical and Current Implications Under the Law." Paper presented at the National Communication Association Convention, Miami, FL, November 2003.
- \_\_\_\_\_. "The Rhetorical Conundrum of Disability Under the Law." Paper presented at the American Communication Association Conference Little Rock, Arkansas, September 2003.

- \_\_\_\_\_. "Leaving the Practice of Law to Teach Legal Communication and Run for the State House: Using the War Stories of Real Life Experience to Enhance Classroom Learning." Paper presented at the American Communication Association Conference, Little Rock, Arkansas, September 2003.
- \_\_\_\_\_. "Courtroom to Communication Classroom: Teaching Critical Thinking Skills." Paper presented at the Arkansas State Communication Association Conference, Eden Isle, Arkansas, September 2003.
- \_\_\_\_\_. "No Sense of Cyberplace: Personal Jurisdiction in Internet Litigation." Paper presented at the Global Conference on Interactive Convergence: Research in Multimedia, Prague, Czech Republic, August 2003.
- Smith, Stephen A. "Strategic Repression: Anarchy and Barratry Prosecutions to Protect Political Hegemony." Paper presented at the Southern States Communication Association Convention, Tampa, Florida, April 2004.
- \_\_\_\_\_. "One Take: Coaching Clinton on Stump and Stage." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- \_\_\_\_\_. "Labor and Learning: The Arkansas Seditious Bills of 1935 and 1937." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.
- \_\_\_\_\_. "Lessons from Liberia: Exporting Freedom of Speech and Press." Paper presented at the American Communication Association Convention, Little Rock, Arkansas, September 2003.
- Warren, Ron. "Low-income Mothers' Mediation of Preschoolers' Television Viewing." Paper presented at the International Communication Association Convention, New Orleans, Louisiana, May 2004.
- Copeland, Kristopher and Ron Warren. "Immediacy and Communication Skills in Distance Learning" Paper presented at the International Communication Association Convention, New Orleans, Louisiana, May 2004.
- Webb, Lynne M. "Teaching Vocabulary in the Required Undergraduate Theory Class: A Position Paper." Paper presented at the Southern States Communication Association Convention, Tampa, Florida, April 2004.
- Walker, Amber M. and Lynne M. Webb. "Focus Groups 101: How to get Communication Majors Talking about the one Thing They'd prefer Not to Discuss." Paper presented at the Southern States Communication Association Convention, Tampa, Florida, April 2004.



Gibson, Danna M., Marceline Thompson-Hayes, Laura Nelson, Marcia Smith, Lynne M. Webb, and Amber M. Walker. "Families on Television: Young Adults' Perceptions of Fictional Portrayals as Models of Effective Communication." Paper presented at the National Communication Association Convention, Miami, Florida, November 2003.

Webb, Lynne M., John W. Carlton, Katie Crowder, Aimee Reynolds, Demetrius Richmond and Michelle Pike. "Students and Professors as Co-principle Investigators: Theorizing, Researching, and Analyzing Data Together as a Class Project." Paper presented at the American Communication Association Convention, Little Rock, Arkansas, September 2003.

Wicks, Robert H. and Jan L. Wicks. "Televised Coverage of the War in Iraq on Al Jazeera, CNN and Fox News." Paper presented at the International Communication Association Convention, New Orleans, Louisiana, May 2004.

Alia Al-Matrouk and Robert H. Wicks. "The Kuwait Internet Writing System (KIWS): Using Symbolic Communication on the Information Super Highway." Paper presented at the International Communication Association Convention, New Orleans, Louisiana, May 2004.

Wicks, Robert H. "Al Jazeera, CNN and Fox News: Did They Cover the Same War?" Paper presented at the annual meeting of the Arab-US Association for Communication Education, Dubai, UAE, October 2003.

\_\_\_\_\_. "Message Framing and Measuring Emotional Response to Islam and Terrorism: A Comparison between Christians, Jews and Muslims." Paper presented at the Association for Education in Journalism and Mass Communication Convention, Kansas City, Missouri, August 2003.

## **DRAMA**

## **CHAPTERS**

Brusstar, Terry – "Protest Dance in Chile: Resurrecting Collective Memory Through Dance", Dance in Human Rights, edited by Naomi Jackson, University of Wisconsin Press, October, 2003.

Riha, Michael – "Rumors", Scenic Design, included in Scenic Design and Lighting, edited by Parker, Wolf, and Block, McGraw-Hill, February, 2003.

Tyndall, C. Patrick – "Using Black Rage to Elucidate African and African-American Identity in August Wilson's Joe Turner's Come and Gone", August Wilson and Black Aesthetics, Palgrave Macmillan Press, January, 2004.

## **REFEREED ARTICLES and PRESENTATIONS**

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, "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.

## **INVITED LECTURES/WORKSHOPS**

Brusstar, Terry – "From Plantation to the Stage – The Cake Walk", Annual Buster Keaton Conference, Selena, Kansas, September 25-26, 2003.

Brusstar, Terry – "Resurrecting Collective Memory through Dance: The 1973 Chilean Coup", Cross Cultural Dance Symposium, Flagstaff, Arizona, July, 2003.

Dwyer, Mavourneen – "Busy tongues at Work in Heightened Text: Liberating the Voice to Match High Energy", Association for Theatre in Higher Education, New York, New York, August, 2003.

Gross, Roger – Presented "Why Scripts Don's Fly", Association for Theatre in Higher Education, New York, New York, August, 2003. Published in the newsletter of the International Center for Women Playwrights.

Gross, Roger - "Saving History, Resurrecting playwrights: A Performance Demonstration of a Technique for Creating the new Drama from Forgotten Flops", Mid-America Theatre Conference, Minneapolis, Minnesota, September, 2003.

Leftwich, Gail -- Choreographer, "Aboriginal Voices", Fayetteville Dance Coalition Spring Concert, April, 2004.

## **OTHER LECTURES/PAPERS/PRESENTATIONS**

Dwyer, Mavourneen – Director, *The Provok'd Wife*, Mountview Academy Theatre, London.

Gross, Roger – Actor, *Frog Hair*, Independent Film, Fayetteville, July-August, 2003.

Gross, Roger – Actor, *Cricket*, Independent Film, Fayetteville, October, 2003.

Gross, Roger – Director, *Even Now*, Independent Film, Fayetteville, June, 2004.

Gross, Roger – Chaired award ceremony of the David Mark Cohen Award, New York, New York, August, 2003.

Herzberg, Amy – Winner, “Master Acting Teacher” Award, Kennedy Center American College Theatre Festival, Washington, D.C., June, 2004.

Herzberg, Amy – Actor, “Saving History: Resurrecting Playwrights...” Mid America Theatre Conference, Minneapolis, Minnesota, September, 2003.

Herzberg, Amy – Actor, Fayetteville Playwrights’s Series, Fayetteville Public Library, weekly.

Herzberg, Amy – Actor, “Prodigal Son”, John Duvall’s adaptation, Fayetteville Public Library, June, 2004.

Leftwich, Gail – Choreographer, *The Sound of Music*, Fayetteville High School.

Leftwich, Gail – Choreographer, Swing Dance, Wal-Mart Year End Convention, Kansas City, Kansas.

Martin, Patricia – “Call for Costume Design & Technology Commission Projects”, *Sightlines*, United States Institute for Theatre Technology, July, 2003.

Martin, Patricia - Portfolio Presentation for Holly Payne, *Lucky Stiff and A Winter’s Tale*, Kennedy Center American College Theatre Festival, Region VI, Fayetteville, February, 2004.

Riha, Michael – Technical Consultant, Third Annual Voyage to a Dream Gala, University of Arkansas Fundraiser, Springdale Convention Center.

Riha, Michael – Technical Consultant, First Night Fayetteville, January, 2004.

Tyndall, C. Patrick – “Nobody Knows the Trouble I seen: Blacks in Minstrelsy”, Eleventh Annual Celebration – Keaton: Buster’s Vaudeville, September, 2003.

## **OTHER CREATIVE ENDEAVORS**

Brusstar, Terry. Produced Spring Concert, Fayetteville Dance Coalition. March, 2003.

Gibbs, D. Andrew. Editorial Board, Southwest Theatre Association's Theatre Southwest.

Gibbs Gibbs, D. Andrew. New assembly hall, lighting and rigging system designs, Wesley Center, Fayetteville.

Gibbs, D. Andrew. Planning and design of new school/community auditorium, Jasper, Arkansas.

Gross, Roger. Organizer/Actor, New Playwrights Performance Series, Fayetteville Public Library.

Gross, Roger. Performer, First Night Celebration, Fayetteville, December 31, 2003.

Gross, Roger, Actor, Duncan "Duffy" McDuffy, Frog Hair, Limitless Sky Productions.

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. Costume Design Consultant, Arts Live! Fayetteville.

Riha, Michael. Various industrial design commissions for Wal-Mart vendors trade exhibitions.

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. Director. Multi-Cultural Theatre Club, University of Arkansas.

Tyndall, C. Patrick. Performer and Lecturer. Black History Month. University of Arkansas

Tyndall, C. Patrick. Performer. Delta Sigma Theta Scholarship Banquet. University of Arkansas.





## **Chapters**

CANDIDO, JOSEPH. "The Chronicles of Emptiness: Loss, Disappointment, and Failure in the Second Tetralogy." In Christian Perspectives on Shakespeare's Second Historical Tetralogy, ed. Beatrix Batson, West Cornwall, CT, Locust Hill Press, 2003, 1-24.

COHEN, DEBRA RAE. "Back to the Future: California in the Contemporary White Southern Imagination." Look Away: The U.S. South in New World Studies, edited by Jon Smith and Deborah N. Cohn. Duke University Press, 2004 (With Robert H. Brinkmeyer)

LANE, CAROLE PEEBLES. A book chapter for The Writing Center Director's Resource Book

## **Refereed Scholarly and Creative Publications**

BOOKER, KEITH M., More than 150 articles in The Chinua Achebe Encyclopedia, including long articles on "Things Fall Apart" (6000 words) and "A Man of the People" (5000 words). Total contribution, approximately 70,000 words.

BRINKMEYER, ROBERT. "Class as Race: Representation of Poor Whites in Modern Southern Literature," in The Many South: Class in Southern Culture, ed. Waldemar Zacharasiewicz. Tübingen: Stauffenburg Verlag, 2003, pp. 147-156.

BURRIS, SIDNEY. "World Enough and Woolf," The Southern Review, 39.2, Spring 2003, 387-400.

\_\_\_\_\_ African-American Poets: Robert Hayden through Rita Dove, ed., Harold Bloom, Chelsea House Publishers, January, 2003.

\_\_\_\_\_ Seamus Heaney: Bloom's Major Poets, ed., Harold Bloom. Chelsea House Publishers. 2003, 54-56. Material reprinted from the portion of my book, The Poetry of Resistance, that deals with Heaney's Glanmore Sonnets.

\_\_\_\_\_ Seamus Heaney: Bloom's Major Poets." ed., Harold Bloom Chelsea House Publishers, 2003, 63-64. Material reprinted from the portion of my book, The Poetry of Resistance, that deals with Heaney's "The Harvest Bow."

DUVAL, JOHN. "The First Author" (translation of Caedmon's Hymn and article), Metamorphoses XI, 2(Fall, 2003), 222-226.

SHERMAN, SANDRA. "'The Whole Art and Mystery of Cooking': What Cookbooks Taught Readers," in Eighteenth-Century Life, 28.1, 2004, 115-135.

\_\_\_\_\_ "The Book's so good, it cannot chuse but sell: personality, Competition, and the Market for Culinary Knowledge 1660-1800," in Essays in Arts and Sciences.

\_\_\_\_\_ “Impotence and Capital: The Debate over Imported Beverages in the 17<sup>th</sup> and 18<sup>th</sup> Century” in 1650-1850.

\_\_\_\_\_ Review of Gilly Lehmann’s “The British Housewife” in Gastronomica 4.2, 2004, 102-103.

### **Invited, Reprinted, and Unrefereed Publications**

CLARK, KARNE LENTZ. “Review of Flame Tree” by Dr. Keith Dahlberg, published in Peace Chronicle.

GILES, MOLLY. Film: Writers Model shown at Fayetteville Film Fest, January 25.

\_\_\_\_\_ “Two Words” The O’Henry Prize Stories, 2003.

\_\_\_\_\_ “Interview,” in Reed Magazine, Vol. 56, 2003.

\_\_\_\_\_ “Protest,” Sudden Stories, Mammoth Books, 2003.

\_\_\_\_\_ “Our Problem,” Rattapallay, Spring, 2004.

\_\_\_\_\_ “Interview,” Other Voices, Spring, 2004.

HAYS, DONALD. “Orphans,” a short story, Stories from the Blue Moon Cafe II An Anthology of Southern Writers, Sonny Brewer, editor, MacAdam/Cage, San Francisco, pp 89-104.

\_\_\_\_\_ “Dying Light,” a short story, New Stories from the South, 2003, The Year’s Best, Shannon Ravenel, editor, Algonquinn Books of Chapel Hill, pp. 63-81.

\_\_\_\_\_ “Private Dance,” a short story, The Southern Review, 2004.

\_\_\_\_\_ “Acherman in Eden,” a short story, Stories From the Blue Moon Café III, MacAdam/Cage, August, 2004.

HEFFERNAN, MICHAEL. “The Train,” Octopus, 2(Winter, 2004).

\_\_\_\_\_ “Study in Yellow,” The Blue Moon Review, February, 2004.

\_\_\_\_\_ “Carpenter Gothic,” The Blue Moon Review, February, 2004.

\_\_\_\_\_ “The Crown,” Shenandoah, 54.1 (Spring/Summer, 2004): 135.

\_\_\_\_\_ “The Empress,” Typo, 3.

\_\_\_\_\_ “The Husband,” Typo, 4.



\_\_\_\_\_ “A New Shirt,” Typo, 4.

\_\_\_\_\_ “Ajar in Tennessee,” The Kenyon Review, 26.3 (Summer, 2004), 22-23.

JIMOH, A YEMISI. Rev. of Black Orpheus in Music in African American Fiction from the Harlem Renaissance to Toni Morrison, ed. Saadi A . Simawe. AAR 37 ,2003, 168-70.

\_\_\_\_\_ “The Bluest Eye, by Toni Morrison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd, August, 2003. <<http://www.literarvdictionary.com>>

\_\_\_\_\_ “Sula by Toni Morrison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd, August, 2003. <<http://www.literarvdictionary.com>>

\_\_\_\_\_ “Jazz by Toni Morrison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd, August, 2003. <<http://www.literarvdictionary.com>>

\_\_\_\_\_ “Paradise by Toni Morrison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd, August, 2003. <<http://www.literarvdictionary.com>>

\_\_\_\_\_ “Invisible Man by Ralph Ellison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd, June, 2003. <<http://www.literarvdictionary.com>>

\_\_\_\_\_ “Ralph Ellison,” The Literary Dictionary, eds. Robert Clark, Emory Elliott, and Janet Todd. June, 2003. <<http://www.literarvdictionary.com>>

KAHF, MOHJA. Two poems in Banipal: Magazine of Modern Arab Literature, “Damascene Steel” and “The Body’s Aramaic,” No. 19, Spring, 2004, p. 76.

\_\_\_\_\_ Three short stories and a poem published online at [www.muslimwakeup.com](http://www.muslimwakeup.com), a progressive Muslim website. “Lustrous Companions,” posted April 9, 2004, “Exquisite Parts,” posted April 23, 2004, “The Rites of Diane,” posted May 21, 2004, and “The Little Mosque Poems,” (poem) published December, 2003.

MCCOMBS, DAVIS. “Conversation with Davis McCombs” (Interview) published in Wind, #91.

\_\_\_\_\_ “Salts Cave,” “Salts Cave Revisited,” “Gnomon,” and “Transplants” (poems) published in Wind, #91.

\_\_\_\_\_ “Honeysuckle” and “Water Tank Cosmogony” (poems) published in Washington Square, Winter, 2004, New York University.

WILLIAMS, MILLER. “At Seventy Suddenly,” Shenandoah, Lexington, Virginia, Vol. 53, No. 3. Fall, 2003. 93.

- \_\_\_\_\_ "Poem without a Title or Closing Line," Shenandoah, Lexington, Virginia, Vol. 53, No. 3. Fall, 2003.
- \_\_\_\_\_ "Politics," Working the Dirt: An Anthology of Southern Poets, ed. Jennifer Horne, Montgomery, Alabama, New South Books, 2003, 174.
- \_\_\_\_\_ "On a Photograph of My Mother at Seventeen," Twentieth Century American Poetry, ed Dana Gioia, David Mason, and Meg Schoerke, New York, McGraw-Hill, 2003. 848.
- \_\_\_\_\_ "Ruby Tells All," Twentieth Century American Poetry, ed Dana Gioia, David Mason, and Meg Schoerke, New York, McGraw-Hill, 2004, 848-50.

## **FOREIGN LANGUAGES**

### **BOOKS**

- Bell, Stephen, and P. Standich. Culture and Customs of Mexico, Greenwood Press, 2003.
- Condray, Kathleen. Women Writers of the Journal Jugend from 1919-1940: "Das Gehirn unsrer lieben Schwestern. Edwin Mellen, 2003.
- Eichmann, Raymond, and John DuVal). From Adam to Adam: Old French Plays. Pegasus Press (Medieval and Renaissance Texts & Studies, MERTS), 2003.
- Hanlin, Todd. Translation of Georg Potyka's Lebenswette: Die Geschichte eines österreichischen Beamten], Lifetime Wager: The Story of an Austrian Civil Servant, with an Afterword. Ariadne Press, 2004.
- Mendoza, Heather, and Joan Turner. Somos vecinos. [Fourth-semester Spanish textbook]. Prentice Hall, 2003.
- Pritchett, Kay. Nature's Colloquy with the Word: Pureza Canelo's First Poetics. Bucknell University Press, 2003.
- Turner, Joan, and Heather Mendoza. Somos vecinos. [Fourth-semester Spanish textbook]. Prentice Hall, 2003.

### **CHAPTERS**

- Tucker, Janet. "Introduction: Parody, Satire and Intertextuality in Russian Literature," Against the Grain: Parody, Satire and Intertextuality in Russian Literature. Slavica Publishers, 2002.
- \_\_\_\_\_. "Skaz and Oral Usage as Satirical Devices in Isaak Babel's Red Cavalry," Against the Grain.

\_\_\_\_\_. "The Visual Battleground of Iurii Olesha's Envy," *Against the Grain*.

### **REFEREED ARTICLES**

Cory, Mark. Reprint of "Comedic Distance in Holocaust Literature," in Harold Bloom (ed.), *Literature of the Holocaust*. Bloom's Period Studies (Chelsea House, 2004). 193-204.

Haydar, Adnan. "Al-Hida, Al-Nadb, Al-Hawrabah and Al-Nawh in Lebanese Zajal Poetry: A Study of Meter and Rhythm," *Edebiyat*, 2003, Vol. 13, pp. 159-168.

Restrepo, Luis Fernando. "The Cultures of Colonialism." *The Companion to Latin American Studies*. Philip Swanson (ed). London: Arnold. 47-68.

\_\_\_\_\_. "The Latin American City: A Cultural Studies Approach." *Cultural Studies in the Curriculum*, Jill Kuhnheim and Danny Anderson (eds.). Modern Language Association. 85-104.

Ruiz, Reina. "La otra mirada de Gloria Fuertes: ékfrasis y poesía," *Letras Femeninas* Spring 2004.

### **UNREFEREED PUBLICATIONS AND PROCEEDINGS**

Comfort, Kathy. Review of Allen Thiher's *Fiction Rivals Science. The French Novel From Balzac to Proust*. *French Review* (April 2004).

Condray, Kathleen. Review of Bernd Widdig's *Culture and Inflation in Weimar Germany*. *German Quarterly* 76.4, Summer 2003: 345-46.

\_\_\_\_\_. Review of Ulrike Cohen, Christiane Lemcke, and Nicoletta Grandi.'s *Herzlich Willkommen Neu: Deutsch in Restaurant und Tourismus. Lehrbuch. Arbeitsbuch. Die Unterrichtspraxis: Teaching German* 36.1: 102-103.

\_\_\_\_\_. Review of *Digitale Bibliothek Deutscher Klassiker*. *German Studies Review* XXVI (3): 608-09.

Davis, Jim. Review of *Les oubliés de la mémoire*. *French Review*.

Hanlin, Todd. Electronic article: "Das Verbindende der Kulturen: Franz Werfels Verdi-Novel," *TRANS: Internet-Zeitschrift für Kulturwissenschaften* (2004, and on CD), see <http://www.inst.at/trans/index>.

Levine, Daniel. Review of Barbara Graziosi's *Inventing Homer: The Early Reception of Epic*. *Religious Studies Review* 29.3 (2003) 294.

Restrepo, Luis Fernando. Review of Verónica Cortinez's *Memoria Original*. *Bulletin of Spanish Studies* 80.2: 263-64.

\_\_\_\_\_. Review of Robin Fiddian's Postcolonial Perspectives in *Modern Language Notes* Vol. 118, No. 2, Hispanic Issue.496-499.

### **INVITED LECTURES**

Hanlin, Todd. "Das Verbindende der Kulturen: Franz Werfels Verdi." International UNESCO Symposium, Vienna, Austria, November 2003.

Restrepo, Luis Fernando. "La elegía y la épica colonial." The colloquium "Epic Texts and the Colonial World," Princeton University, Nov. 7-8, 2003.

\_\_\_\_\_. "Lo muisca y las etnopolíticas de la memoria." Escuela de Historia, Universidad Nacional de Colombia, Sede Medellín, August 19, 2003.

\_\_\_\_\_. "Los muisca y la modernidad: capitalismo y subjetividades coloniales en el Nuevo Reino de Granada." XII Congreso Colombiano de Historia, Universidad del Cauca, Popayán, Colombia, August 6, 2003.

\_\_\_\_\_. "Mexican Colonial History and Literature." "Bringing Mexico to Arkansas Schools," Arkansas International Center, Little Rock, AR, April 19, 2003.

### **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 Régime: From Theory to Practice. International conference held at University of Manitoba, April 2003.

Comfort, Kathy. "The Good, the Bad, and the Ugly: The Representation of Near-Death Experience in Philippe Labro's *La Traversée*." Twentieth Century Literature Conference: Louisville, KY, February 26, 2004.

\_\_\_\_\_. "'Sœur-des-Pauvres': A Zolian Fairy Tale." Kentucky Foreign Languages Conference: Lexington, KY, April 2004.

Condray, Kathleen. "Food Fight: The Struggle for Independence as Reflected in Food Motifs of Women's Writing." American Council on the Teaching of Foreign Languages, November 22, Philadelphia, Pennsylvania.

Cornell, Rkia. "Early Sufi Women and Ibn 'Arabi's Idea of the Feminine," conference on "The Unity of Existence: Ibn 'Arabi and His School," Ojai, California, November 2003.

\_\_\_\_\_. Panel moderator for study project on Scriptural Reasoning, Princeton University Center for Theological Inquiry, January 2004.

Davis, Jim. "Power, Politics and Pecking Order: A Case Study of Technological Innovation as a Site of Collaboration and Resistance," CALICO Meeting, Ottawa, Ontario, May 24, 2004.

Eichmann, Raymond. "Fabliaux and Drama: The Case of the Three Ladies from Paris." 24<sup>th</sup> Annual Medieval Forum, Plymouth, NH, April 11, 2003.

\_\_\_\_\_. "The *Jeu de St Nicolas*: Another Look at its Meaning and Intent." South Central Modern Languages Association, November 1, 2003.

Fukushima, Tatsuya. "Japanese Conjunction ga and Political Profiles of Japanese Prime Ministers." 2nd Annual Hawaii International Conference on Arts & Humanities, Honolulu, HI, January 2004.

\_\_\_\_\_. "Video Dict-A-Conversation: A Constructive Mode of Conversational Exercise in Japanese." 2nd Annual Hawaii International Conference on Arts & Humanities, Honolulu, HI, January 2004.

Jones, Linda. "Testing Second Language Vocabulary Acquisition in a L2 Aural Multimedia Environment: Using Pictorial and Written Modes for Test Items." American Educational Research Association Conference, April 2003.

\_\_\_\_\_. "Multimedia Annotations in a L2 Listening Comprehension Environment: An Investigation of Students' Amount of Invested Mental Effort." World Computer Assisted Language Learning Conference, May 2003

Levine, Daniel. "Erotic Footprints on Two Rupestral Inscriptions: Attica and Thera." American Philological Association, New Orleans, Louisiana.

Pritchett, Kay. "Constructing a Sacred Space: The Mediterranean in Poems by Antonio Colinas." Hawaii Arts and Humanities Conference, Honolulu, HI, January 2004.

Restrepo, Luis Fernando. "Creole Politics of Memory: The Ambivalent Nativism of Lucas Fernández de Piedrahita's *Historia general de las conquistas del Nuevo Reino de Granada*." Modern Language Association International Convention, San Diego, Dec. 29, 2003.

\_\_\_\_\_. "Naturaleza muisca y los límites de la epistemología moderna." XIII Congreso de Colombianistas, Universidad del Norte, Barranquilla, Colombia, 14 de agosto, 2003.

\_\_\_\_\_. "Políticas de la memoria: lo muisca y la sociedad contemporánea cundi-boyacense." Latin American Studies Association International Congress, Dallas, Texas, March 27, 2003.

Ruiz, Reina. "Entreactos de la Tragicomedia de los jardines y campos sabeos: galería cómica de monstruos y deformes." AHCT (Association for Hispanic Classical Theater), El Paso, TX, March 2003.

\_\_\_\_\_. "De orgía y bacanal a sátiría política.." AHCT (Association for Hispanic Classical Theater), El Paso, Texas, March 2004.

\_\_\_\_\_. "The Rhetoric of Excess in Feliciano Enriquez's Interludes." National Renaissance Society in New York City, April 2004.

Tucker, Janet. "Sacred and Profane Architectural Constructs in Dostoevsky's Crime and Punishment." American Association for the Advancement of Slavic Studies.

Turner, Joan. "Making Connections with Latino Culture: A Five-skills Unit on Carmen Lomas Garza." Central States Conference, Dearborn, MI, April 2004,

### **CREATIVE ENDEAVORS**

Pritchett, Kay. Translations of poems by Pureza Canelo: "November," "Labyrinth," and "I Can Tonight." Atlanta Review. Spain: Poetry from the Castilian, Catalan, Basque and Galician Languages, vol. 9 (Spring/Summer 2003): 70-73.

Ruiz, Reina. Director of Miscelánea (two Latin American plays: El delantal by Chilean playwright Sergio Vodanovic, and Estudio en blanco y negro by Cuban dramatist Virgilio Piñera.

### **EDITING**

Christiansen, Hope. Book Review Editor for Literary Criticism, French Review.

Ricker, Judith. Book Review Editor for German Studies Review.

### **GEOSCIENCES**

#### **REFEREED PUBLICATIONS**

Calias, E., Y. Mazabraud, B. Mecier de Lépinay, P. Mann, G. Mattioli, and P. Jansma, 2002, Strain partitioning and fault slip rates in the northeastern Caribbean for GPS measurements, Geophys. Research Letters, 29 (18), 1856, doi:10.1029/2002GL015397. (published in sep. 2002, not listed in FY2002 report).

Cleaveland, M.K., D.W. Stahle, M.D. Therrell, J. Villanueva-Diaz and B.T. Burns. 2003. Tree-ring reconstructed winter precipitation and tropical teleconnections in Durango, Mexico. Climatic Change 59: 369-388.

Davidson, Fiona, O. Orland Maxfield and Thomas O. Graff (2003) "A History of the Department of Geography- University of Arkansas" Southwestern Geographer Vol. 6 pp. 87-96

- Davis, R.K., 2003, Book Review: Advances in Water Monitoring Research by Tamim Younos. Journal of the American Water Resources Association v. 39, no.2, pp. 505-506.
- 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. Bull. Amer. Meteorological Soc. 84: 57-71.
- Fye, F.K., D.W. Stahle, and E.R. Cook, 2003. Paleoclimatic analogs to 20th century moisture regimes across the USA. Bulletin of the American Meteorological Society 84:901-909.
- Grissino-Mayer, H.D., P.R. Sheppard and M.K. Cleaveland. 2003. Dendrochronological dating of stringed instruments: A re-evaluation. J. Violin Soc. Amer. 18(2): 127-174.
- Jansma, P., 2003, Supporting Women in Geoscience, in, New Formulas for America's Workforce: Girls in Science and Engineering, National Science Foundation Publication 03207, 53.
- Mann, P. and the Dominican earthquake working group (including P. Jansma, G. Mattioli and H. Turner III from UofA), 2004, September 22, 2003, M6.5 earthquake shakes transpressional "big bend" region of North American-Caribbean strike-slip boundary, EOS, 85, 77 and 83.
- Pohl, K., M.D. Therrell, J. Santiago Blay, N. Ayotte, S. Bernal-Salazar, J. Jil Cabrera Hernandez, S. Diaz Castro, J.A. Elvir, M. Gonzales Elizondo, D. Opland, J. Park, G. Pederson, L. Vazquez-Salem, and D.W. Stahle, 2003. A cool season precipitation reconstruction for Saltillo, Mexico. Tree-Ring Research 59:11-19.
- Stahle, D.W., F.K. Fye, and M.D. Therrell, 2004. Interannual to decadal climate and streamflow variability estimated from tree rings. The Quaternary Period in the United States, edited by A. Gillespie, S.C. Porter, and B. Atwater. Elsevier, Developments in Quaternary Science, pp. 491-504.
- Steele, K.F., Kresse, T.M., Davis, R.K., 2003, Small-scale Spatial variation of water quality within the Mississippi River Valley Alluvial Aquifer, Arkansas, USA, "in" Two Rivers 4<sup>th</sup> Joint International Association of Hydrologists-Canadian National Chapter/Canadian Geotechnical Society Conference (ed. for IAH papers, Bob Betcher), Noval Digital Images, Winnepeg, Canada, 8 pages on CD volume.
- Steele, K. F., Davis, R.K, and Kresse, T.M., 2003, Spatial and Temporal Nitrate Concentration Variability Within the Mississippi River Valley Alluvial Aquifer on a Small Scale at Selected Arkansas, USA Sites, Proceedings of the 7th International Water Association Conference on Diffuse Pollution and Basin Management (ed., Michael Bruen), Excel Print, Boyne House. Meath, Ireland, p. 7-33 to 7-38.

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. (invited)

Unger T., R.K. Davis, J.V. Brahana, G. Thoma, and T. Ting, 2003, Structural Controls to Successfully Model Groundwater Flow Within the Mantled Karst of the Savoy Experimental Watershed, Northwest Arkansas. Geological Society of America Abstracts with Programs, v. 35, no. 6, p. 281. (refereed)

Villanueva Díaz, J., D.W. Stahle, M.D. Therrell, M.K. Cleaveland, F.C. Morfín, P.N. Díaz de la Fuente, S.G. Chávez, J. Sánchez Sesma and J.A. Ramírez García. 2003. Registros climáticos de los ahuehuetes de Chapultepec en los últimos 450 años. Boletín del Archivo Histórico del Agua 8(23): 34-43

### **NON-REFEREED PUBLICATIONS**

Boss, S.K., 2004, Bathymetry and Sediment Thickness of Upper Beaver Reservoir, Phase I Final Report: submitted to Beaver Water District, May 2004, 33p.

Boss, S.K., 2004, Online Learning Center to accompany Physical Geology by C.C. Plummer, D. McGeary, and D. Carlson. Official website for Physical Geology textbook marketed by McGraw-Hill, Inc.

### **HISTORY**

#### **Books**

David Chappell, A Stone of Hope: Prophetic Religion and the Death of Jim Crow (Chapel Hill: University of North Carolina Press, 2004).

Evan Bukey, Hitlerova Rakusko: L'udovy postoj ere nacismu 1938-1945 (Bratislava, 2003) (Slovak translation of Hitler's Austria).

Charles Robinson, Dangerous Liaisons: Sex and Love in the Segregated South (Fayetteville: University of Arkansas Press, 2003).

Daniel Sutherland, From Shiloh to Savannah: The Seventh Illinois Infantry in the Civil War, by Daniel Ambrose (DeKalb: Northern Illinois University Press, 2003).

#### **Chapters in Books**

Alessandro Brogi, "Tra ruolo e identità: una chiave interpretativa delle relazioni Italia-Stati Uniti negli anni cinquanta" in Agostino Giovagnoli and Luciano Tosi (eds.), Cinquant'anni nella



NATO (Rome: Guerini, 2003) {Between Role and Identity: An Interpretation of Italian-American Relations in the 1950s... in Fifty Years in NATO}.

Vincent Cornell, "A Muslim to Muslims: Reflections After September 11," in Stanley Hauerwas and Frank Lentricchia Eds. *Dissent from the Homeland: Essays after September 11* (Durham, N.C. and London: Duke University Press, 2003): pp. 83-94.

Vincent Cornell, "Listening to God through the Quran," Michael Ipgrave, Ed., *Scriptures in Dialogue: Christians and Muslims Studying the Bible and the Quran Together* (London: Church House Publishing [Archbishop's Council, Church of England,] 2004): pp. 36-42.

Joel Gordon, "Shaykh Abd al-Hamid Kishk" "Gamal Abd al-Nasser" "Anwar al-Sadat" "Muhammad Ali Dynasty" - for *Encyclopedia of Islam and the Muslim World*, edited by Richard C. Martin (Macmillan, 2004).

Joel Gordon, "The Nightingale and the Rais: Abd al-Halim Hafiz and Nasserist Longings," in *Rethinking Nasserism: Revolution and Historical memory in Egypt*, ed. by Elie Podeh and Onn Winckler (Florida University Press, 2004): 307-23.

Daniel Sutherland, "Mansfield Lovell's Quest for Justice: Another Look at the Fall of New Orleans," in Arthur W. Begeron, ed., *The Civil War in Louisiana* (Lafayette: Center for Louisiana Studies, 2003).

Elliott West, "Trails and Footprints: The past of the Future Southern Plains," in Sherry L. Smith, ed., *The Future of the Southern Plains* (Norman: University of Oklahoma Press, 2003): pp. 17-43.

Elliott West, "Thinking West," in *A Companion to the American West*, edited by William Deverell (Blackwell Publishers, 2004).

Jeannie Whayne, "'I have been through fire': Black Agricultural Extension Agents and the Politics of Negotiation" in *African Americans in Agriculture, 1900-1950*, editor Doug Hurt (Columbia, Missouri: University Press Missouri, 2003).

Randall Woods, "The Prophecy" in Richard S. Kirkendall, ed., *Harry's Farewell: Essays on the Historical Significance of the Truman Presidency* (University of Missouri Press, 2004).

### **Articles in Journals**

Alessandro Brogi, "Between Invention and Imagination: Nationalism, National Identity, Trieste, and the International Context," *Austrian History Yearbook*, 35 (2004): 1- ?.

Evan Bukey, "New Literature on Nazi Austria and the Holocaust," *Contemporary Austrian Studies*, XI (2003): pp. 267-280.

Evan Bukey, "Versaemnisse der oesterreichischen NS-Forschung," *Zeitgeschichte* XX, 6 (2003)

David Chappell, "A Stone of Hope: Prophetic Faith, Liberalism, and the Death of Jim Crow," *Journal of the Historical Society*, June 2003.

Lynda Coon, "Historical Fact and Exegetical Fiction in the Carolingian Vita S. Sualonis," *Church History* 72:1 (March 2003): pp.1-25.

Joel Gordon, "Singing the Pulse of the Egyptian Arab Street: Shaaban Abd al-Rahim, and the geo-pop-politics of fast food," *Popular Music* 23/1: pp. 75-90.

Joel Gordon, "Days of Anxiety/Days of Sadat: Impersonating Egypt's Flawed Hero on the Egyptian Screen" *Journal of Film and Video* 54/2-3: pp. 27-42.

Thomas Kennedy, "Early Friends and the Renewal of British Quakerism, 1890-1920," *Quaker History* (special issue, Spring 2004).

Beth Schweiger, "Mulder: A Controversial Spirit," *North Carolina Historical Review* 80 (April 2003): pp. 240-41.

Beth Schweiger, "How Would Jesus Vote: The Prehistory of the Christian Right," *Reviews in American History* 32 (March 2004): pp. 49-57.

David Sloan, "The Louisiana Purchase, Expansion and the Limits of Community: The Example of Arkansas" in *Arkansas Historical Quarterly*, (Winter, 2003).

Tricia Starks, "A Fertile Mother Russia: Pro-Natalist Propaganda in Revolutionary Russia," *The Journal of Family History* (July 2003): pp. 411-442.

Tricia Starks, "A Revolutionary Home: Housekeeping and Social Duty in the 1920s," *Revolutionary Russia* 17:1 (June 2004): pp. 69-104.

William Tucker, "Bayan b. Saman and the Bayaniyya: Shi'ite Extremists of Umayyad Iraq, Shi'ism, ed. Etan Kohlber, (Summer, 2003).

Elliott West, "Reconstructing Race," *Western Historical Quarterly*, 34:1 (Spring, 2003): pp. 7-27.

Elliott West, "Listen Up: Hearing the Unheard in Western History," *Southern California Quarterly*, 85:1 (Spring, 2003): pp. 13-28.

Elliott West, "Afterword" in "Forum on Literature of the Twentieth-Century West," *Pacific Historical Review*, 72:3 (August, 2003): pp. 421-26.

## **Non-refereed Publications**

Daniel Sutherland published “The Civil War in the West: The Series You Have Been Waiting For,” *Military History of the West*, 32 (Winter 2002-03); Henry Tsai published “The Chinese Did not Discover America in 1421,” (an op-ed upon the request by Roger Williams of UA Public Relations) refuting the claims made by British author Gravin Menzies in his 1421: The Year Chinese Discovered the World; Jeannie Whayne published “The Changing Face of Sharecropping and Tenant Farming in the 20<sup>th</sup> Century,” pp. 41-62, *Revolution in the Land: Southern Agriculture in the 20<sup>th</sup> Century*, 18<sup>th</sup> Annual Forum on Turning Points in History (Starkville, Mississippi: Mississippi State University, 2003). Patrick Williams published a biographical essay on John G. Tower in *American National Biography Online* (Oxford University Press, July 2002) Many faculty also published reviews: Brogi (2); Chappell (6); Coon (2); Finlay (4); Gordon (3); Robinson (1); Schweiger (1); Sutherland (2); Tsai (2); West (4); Whayne (2)

## **Invited Lectures**

Six faculty members presented forty-one invited lectures: Brogi (2); Chappell (9); Cornell (4); Schweiger (3); Sutherland (9); West (14).

## **Lectures and Oral Presentations**

Twelve faculty members presented twenty-eight papers at scholarly conferences: Brogi (2); Chappell (2); Coon (2); Cornell (7); Robinson (6); Sonn (1); Starks (1); Sutherland (1); Tsai (1); Williams (1); Whayne (2); Woods (2).

## **JOURNALISM**

### **Books**

- Jan Wicks, lead author on 3rd edition of *Media Management: A Casebook Approach*, Erlbaum Publishers, 2004. Co-authors are George Sylvie, C. Ann Hollifield, Stephen Lacy and Ardyth B. Sohn.

### **Refereed Articles and Presentations**

- Larry Foley: *The Flight of Glacier Girl*, AETN to broadcast in 2004. Also, *It Started Here*, *The Flight of Glacier Girl* and *Road To Nowhere* screened at the Ozark film Society and shown at FayettevilleFilmFest, spring 2004.
- Louise Montgomery: *Teaching International Communication*; paper presented at summer 2004 International Communication Association convention, New Orleans.
- Hoyt Purvis: *U.S. Public Diplomacy and Information Policy - Selling Uncle Ben and Selling Uncle Sam*; presented at Southwest Journalism and Mass Communication Symposium, November 2003, in Salt Lake City.

- Jan Wicks (with Katy Widder and Bob Brady): Do the Number and Type of Sources Used Appear to be Related to Infomercial Success? presented at AEJMC national convention; Kansas City, August 2003.
- Jan Wicks: The Information Cues and Sources Used in Deceptive Infomercials: An Exploratory Study, presented at the International Communication Association, summer 2004; New Orleans. Also, Televised Coverage of the War in Iraq on Al Jazeera, CNN, and Fox News, ICA, summer 2004.

### **Other Lectures, Papers and Oral Presentations**

- Jan Wicks: Panel participant, The Iraq War as Spectacle, AEJMC national convention, Kansas City, 2003
- Patsy Watkins: Refereed Paper Discussant, Visual Culture session, AEJMC national convention, Kansas City, 2003.
- Patsy Watkins: Moderator for refereed paper session, Contemporary International Issues and Perspectives, Southwest Education Council for Journalism and Mass Communication, Salt Lake City, November 2003.

### **Other Creative Endeavors such as Recitals, Concerts, Shows, Performances, and Comparable Activities**

- Patsy Watkins: Book review, Chavez Ravine, 1949: A Los Angeles Story by Don Normark. Reviewed for Visual Communication Quarterly, Summer 2003.
- Hoyt Purvis: Weekly political affairs column for the Sunday Northwest Arkansas

## **MATHEMATICAL SCIENCES**

### **BOOKS**

Madison, Bernard L. and Steen, Lynn A., Editors, Quantitative Literacy: Why Numeracy Matters for Schools and Colleges, National Council on Education and the Disciplines, Princeton, NJ, 2003, 261 pages. Marketed by Mathematical Association of America.

Madison, Bernard L. and Cannon, Raymond J., "Testing with Technology: Lessons Learned," Chapter 17 (pages 305 – 328) of Computer Algebra Systems in Secondary School Mathematics Education (James Fey, et al, editors), National Council of Teachers of Mathematics, Reston, VA, 2003.

### **REFEREED ARTICLES**

Brewer, Dennis, Recommendations on Funding Research from the National Science foundation, All Things Academic, 5(1), March 2004.

Capogna, Luca, Regularity of minimizers of the calculus of variations in Carnot groups via hypoellipticity of systems of Hörmander type. *J. Eur. Math. Soc. (JEMS)* 5 (2003), no. 1, 1—40. (joint with D. M. Nhieu and N. Garofalo).

DeOliveira, Victor, “A Simple Model for Spatial Rainfall Fields”. *Stochastic Environmental Research and Risk Assessment*, 18, 2004, pp 131-140.

DeOliveira, Victor, “A Note On the Correlation Structure of Transformed Gaussian Random Fields.” *Australian and New Zealand Journal of Statistics*, 45, 2003, pp 353-366.

Hogan, Jeff, “BMO, boundedness of affine operators and frames” (with J.E. Gilbert and J.D. Lakey) – *Journal of Applied and Computational Harmonic Analysis*

Hogan, Jeff, “Sampling and oversampling in shift-invariant and multiresolution spaces I: validation of sampling schemes” (with J.D. Lakey) -- *International Journal of Wavelets, Multiresolution and Information Processing*.

Hogan, Jeff, “On uncertainty bounds for the fractional Fourier transform” (with J.D. Lakey), *Proc. ISAAC*, 2004

Hogan, Jeff, “Non-translation invariance in principal shift-invariant spaces” (with J.D. Lakey), *Proc. ISAAC*, 2004

Johnson, Mark, *Sums of Linked Tepli ideals, Commutative algebra (Grenoble/Lyon, 2001)*, 187-191, *contemp. Math*, 331, Amer. Math. Soc., Providence, RI, 2003.

Khavinson, Dmitry, Weak compactness in certain star-shift invariant subspaces, (with J. Akeroyd and H. S. Shapiro), *J. Functional Anal.*, 202 (2003), 98 -122.

Khavinson, Dmitry, Remarks on the Bohr phenomenon, (with C. Beneteau and A. Dahlner), *Comput. Methods Funct. Theory* 4 (2004), No. 1, 1--19.

Lanzani, L. and Shen, Z., On the Robin Problem for the Laplace Equation in  $C^1$  and Lipschitz Domains in  $\mathbb{R}^n$ . *Comm. Partial Differential Equations* 29 (2004), 91-109.

Lanzani, L. and Stein, E. M., Szego and Bergman Projections on Non-Smooth Planar Domains. *J. Geom. Anal.* 14 (2004), 63-86.

Lanzani, L. and Mendez, O., The Poisson Problem and Robin Boundary Condition in Non-Smooth Domains. *Revista Matematica Iberoamericana* (to appear).

Petris, Giovanni and Tardella, “A geometric approach to transdimensional Markov chain Monte Carlo.” *Canadian Journal of Statistics*, vol. 31, n.4, 469-482.

Rieck, Yo'ay, (With Tsuyoshi Kobayashi) Local detection of strongly irreducible Heegaard splittings via knot exteriors (Topology and its Applications, vol 138 (2004), nos. 1-3, pp. 239-251,).

Ryan, John, Cauchy Kernals for some Conformally Flat Manifolds. Trends in Mathematics: Advances in Analysis and Geometry, 149-160, 2004.

Schein, Boris M., Automorphisms of the endomorphism semigroup of a free monoid or a free semigroup. Proceedings of the American Mathematical Society 131(2003), 1665–1660.

Schein, Boris M., Tight inverse semigroups. Proceedings of the ICM Satellite Conference in Algebra, world Scientific, Hong Kong–Tokyo–Singapore, 2003, 232–243.

Schein, Boris M., Tight inverse semigroups that are not bisimple. Semigroup Forum 67(2003), 432–442.

### **NON-REFEREED PUBLICATIONS AND PROCEEDINGS**

Rieck, Y., (with Tsuyoshi Kobayashi) Growth rate of tunnel number for knots and Morimoto's conjecture (in musubime no topology 6 (Topology of Knots 6) Kimihiko Motegi (ed.)

### **INVITED LECTURES**

Chan, J., Special Session on Commutative Algebra and Algebraic Geometry  
AMS Sectional Meeting, Lawrenceville, New Jersey, April 2004.  
Commutative Algebra: Presentations by Young Researchers

Chan, J., The 2003 AMS-IMS-SIAM Summer Research Conference Snowbird, Utah, July 20 - July 24, 2003.

Chan, J., Algebra Seminar, Indiana State University, Terre Haute, Indiana, April 2003.

DeOliveira, V., "Bayesian Inference and Prediction of Gaussian Random Fields Based on Censored Data." Fourth International Workshop on Objective Prior Methodology, Aussois, France, June 15-20, 2003.

Khavinson, D., October, 2003, Remarks on the Bohr Phenomenon, AMS meeting in Chapel Hill, NC, special session, invited.

Khavinson, D., Zeros of Harmonic Polynomials, Colloquium, Seton Hall University, invited.

Khavinson, D., February, 2004, Zeros of Harmonic Rational Functions with Applications to Gravitational Microlensing, Oberwolfach, Functiontheorie meeting, 1 hour invited talk.

Khavinson, D., June, 2004, Extremal Problems for Analytic Functions in Bergman Spaces, a series of invited lectures at Bar Ilan University, Ramat Gan, Israel.

Lanzani, L., June, 2004, Centro De Giorgi (Pisa, Italy).

Luecking, D., January, 2004, "Finite unions of interpolation sequences", Special Session on Function Theory at the AMS annual Meeting. Phoenix, AZ.

Madison, B., Invited Opening Plenary Presentation, "Take Home Lessons from How People Learn," PKAL Assembly on Linking Insights on How People Learn to Curriculum Reform, University of Richmond, October 30, 2003.

Madison, B., Presentation on Preparing Mathematicians to Educate Teachers, MET Summit II, Crystal City, VA, October 12, 2003.

Ryan, J., Analysis and applications of solutions to the Dirac-Hodge and Laplace equations with respect to the hyperbolic metric; invited talk.

Schein, B., Order- and quasi order-theoretical problems arising from semigroup theory. Special Sessions of the American Mathematical Society, University of Colorado, Boulder.

Schein, B., The wonderful world of Clifford inverse semigroups. The Arkansas- Oklahoma meeting of the Mathematical Association of America, Conway, AR

## **MUSIC**

### **Books**

Claire Detels, Music in the Western Tradition, revised on-line edition, McGraw-Hill, 2003 (A major revision, with 27 of 30 musical examples changed.)

James Greeson (composer/performer), musical score for documentary for AETN entitled "It Started Here."

Jura Margulis, re-release of "Live on the Horowitz Steinway," compact disc for the ARS MUSICA label.

Elizabeth Markham and Rembrandt Wolpert, producers, documentary entitled On the Road to Tang, a Library of Congress documentary film.

Robert Mueller had the following original compositions published by Bocal Music, Inc., of Lawrence, Kansas: Contemplation, for Bassoon and Piano; Masques, for Oboe, Bassoon, and Piano; Five Stones from the Same Chotic Stream, for Bassoon Ensemble; My Shepherd Gently Calls, for solo Oboe; The Lord is My Shepherd, for Soprano, Oboe, and Piano.

Robert Mueller had the following arrangements and transcriptions published: Concerto in F Major for Oboe (Pasculli), for oboe with Wind Ensemble accompaniment; Eroica Variations (Beethoven), for two Oboes, English, Horn, Two Bassoons, and Contrabassoon; and Slavonic Dance #1 (Dvorak), in four different double reed arrangements.

### **Refereed articles**

James Greeson, “guitar chord charts” for Delavan publications, New York.

Graeme Langager was commissioned to write a Vocal Jazz Arrangement of “Ressurrection Blues” by the University of Calgary Vocal Jazz Ensemble.

Elizabeth Markham, “Versions, Variants and Editorial practices as Evidence for Archaic Chinese Melody and Modal Variability in the Toogaku repertory of 12<sup>th</sup>-century Japanese Court Music”, Zinbun—Memoirs of the Research Institute for Humanistic Studies, Kyoto University, Kyoto.

Elizabeth Markham and Rembrandt Wolpert, “Encoding Gaku-Soo Notation”, Zinbun—Memoirs of the Research Institute for Humanistic Studies, Kyoto University, Kyoto.

Gerald Sloan had an article entitled “Los Huesos: A Closer Look at Latin Trombonists” published in the Journal of the International Trombone Association.

Gerald Sloan had an article entitled “Ramon Benitez: Colombian Bombardino Virtuoso” published in the International Tuba Euphonium Association Journal.

Rembrandt Wolpert, co-author, “Current Practices in Digital Asset Management”, The Internet2/CNI Performance Archive & Retrieval Working Group, October, 2003, [http://arts.internet2.edu/files/digital-asset-management\(v09\).pdf](http://arts.internet2.edu/files/digital-asset-management(v09).pdf)

\_\_\_\_\_, co-author, “Capturing Live Performance Events”, The Internet2/CNI Performance Archive & Retrieval Working Group, October, 2003, [http://arts.internet2.edu/files/performance-capture\(v09\).pdf](http://arts.internet2.edu/files/performance-capture(v09).pdf)

### **Invited Lectures**

Claire Detels presented “100 Plus Years of Madame Butterfly,” at the 2003 meeting of the Nineteenth-Century Studies Association.

James Greeson’s composition for electronic sounds and piano was accepted for performance at the “Electronic Music MidWest” conference in Kansas City, MO; premiered by Dr. Robert Mueller.

Ronda Mains was featured “Women in Music” speaker for the Tua Beta Sigma convention, in Springdale, AR, and became an honorary member.



Elizabeth Markham, “A musical perspective to the Wakan Dialectic: the Heian Japanese Encounter with Tang Chinese ‘Poems for Singing’”, “The New Work Qin society, New York, July, 2003.

Dale Misenhelter presented a workshop entitled “World Percussion Techniques for Music Classrooms: From Simple to Complex,” with Steven Hemphill, at the Music Educator’s National Conference 59<sup>th</sup> National biennial In-Service Conference, in Minneapolis.

\_\_\_\_\_ (same conference) Poster Presentation, with Keith Kaiser: “Points of Affirmation or Negation During Music Education Internship: Student Perceptions of Experiences.”

\_\_\_\_\_, with Keith Kaiser: Content and Context: An Analysis of What We Say and Do in Music Ensemble Classrooms. Education Session, NYSSMA, Rochester, NY, December, 2003.

Chalon Ragsdale, arranged three works for concert band:

1. “Three Tragic Ballads”, a set of pieces by Percy Grainger, premiered by our Wind Symphony, W. Dale Warren conducting, at the 2004 CBDNA Southwest Division meeting in Ft. Worth.
2. Edvard Grieg’s “Scene III” from Olav Trygvason, premiered by the Symphonic Band, Timothy Gunter conducting, at their spring concert, April 20, 2004
3. “Will Ye Gang ta the hielands, Leezie Lindsey?” and “As Sally Sat A-Weepin’”, both by Percy Grainger, premiered by the Concert Band, Jeremy Pratchard conducting, at their spring concert, April 27, 2004.

Rembrandt Wolpert, “Recovering musical information for Tang music — the Sino-Japanese musical sources”, The New York Qin Society, July, 2003.

Rembrandt Wolpert, “Music in Art: Iconography as Source for Music History”, The New York Qin Society, November, 2003.

Rembrandt Wolpert, “Sinisized Kucean Music at the Japanese Court in Nara and Heian-kyoo”, Annual conference of the South Eastern Medieval Association, October, 2003.

### **Creative endeavors, concerts, shows, performances**

Our faculty and students presented more than 300 public performances during the 2003-04 school year, including the following (see also details, above):

Chamber Concerts by the Faculty, with guest artists  
Faculty Recitals  
Choral Concerts  
Opera Productions  
Schola Cantorum

Jazz Ensemble Concerts  
University Symphony Orchestra Concerts  
Wind Symphony Concerts  
Symphonic Band Concerts  
Concert Band Concerts  
Inspirational Singers Concerts  
Band Spectacular Concert  
Percussion Ensemble Concerts  
Football games for Men's Athletics  
Basketball games for Men's and Women's Athletics  
Volleyball games for Women's Athletics

## **PHILOSOPHY**

**Books:** 0

**Chapters:** 2

**Refereed Articles:** 5

**Unrefereed Publications:** 2

**Invited Lectures:** 3

**Other Lectures:** 0

**Other Creative Endeavors:** 0

## **PHYSICS**

### **Books/Chapters Published**

1. "Optical Realizations of Quantum Teleportation," by Julio Gea-Banacloche, Progress in Optics, vol. 46, Ch. 4, edited by E. Wolf (Elsevier 2004).

### **Refereed Journal Articles Published**

1. "Effects of atomic short-range order on the properties of perovskite alloys in their morphotropic phase boundary," A.M. George, J. Iniguez and L. Bellaiche, Physical Review Letters 91, 045504 (2003).
2. "Cationic-competition-induced monoclinic phase in high piezoelectric  $(\text{PbSc}_{1/2}\text{Nb}_{1/2}\text{O}_3)_{1-x}(\text{PdTiO}_3)_x$  compounds," R. Haumont, B. Dkhil, J.M. Kiat, A. Al-Barakaty, H. Dammak, and L. Bellaiche, Physical Review B 68, 014114 (2003).

3. "Unusual Thermodynamic Properties and Nonergodicity in Ferroelectric Superlattices," Igor A. Kornev and L. Bellaiche, *Physical Review Letters* 91, 116103 (2003).
4. "High pressure phases in highly piezoelectric  $\text{PbZr}_{0.52}\text{Ti}_{0.48}\text{O}_3$ ," A. Sani, B. Noheda, I. A. Kornev, L. Bellaiche, P. Bouvier and J. Kreisel, *Physical Review B (Rapid Communications)* 69, 020105(R) (2004).
5. "First-principles determination of electromechanical responses of solids under finite electric fields," H. Fu and L. Bellaiche, *Physical Review Letters* 91, 057601 (2003).
6. "Ferroelectricity in barium titanate quantum dots and wires," H. Fu and L. Bellaiche, *Physical Review Letters* 91, 257601 (2003).
7. H. Fu and J. Li, "Density-functional study of organic-inorganic hybrid single crystal  $\text{ZnSe}(\text{C}_2\text{H}_8\text{N}_8)_{1/2}$ ", *Journal of Chemical Physics*, 120 (2004) 6721.
8. "Comment on 'Some implications of the quantum nature of laser fields for quantum computations'," Julio Gea-Banacloche, *Phys. Rev. A* 68, 046303 (2003).
9. "Quantum error correction against correlated noise," J. P. Clemens, S. Siddiqui, and J. Gea-Banacloche, *Phys. Rev. A* 69, 062313 (2004).
10. "Measurement of Absolute Minority Species Concentration and Temperature in a Flame by the Photothermal Deflection Spectroscopy Technique," Y. Li and R. Gupta, *Applied Optics*, 42, 2226–2235 (2003).
11. "Detection of Methane with High Spatial Resolution with Photothermal Deflection Spectroscopy," Y. Li and R. Gupta, *Applied Optics*, 42, 4396–4399 (2003). Note: This was the cover article.
12. "Molecular Symmetry, Dynamics and Spectra," *Atomic Mol. and Opt. Phys* 35, 377-393 (2004).
13. "Designing Science Literacy Courses," in *Teaching Science in the Two-Year College*, NSTA Press, 1903, pp. 45-46.
14. "The Population Game," *International Newsletter on Physics Education*, October 2003, pp. 7-10.
15. "Energy flow diagrams for teaching physics concepts," Art Hobson, *The Physics Teacher* Feb. 2004, 113-117.
16. "Words matter," Art Hobson, *Forum on Education Summer 2004*, pp. 2-3.
17. "Photometric Orbits of KU Aurigae and SW Cancrri," C.H.S. Lacy, *I.B.V.S.*, No. 5499 (2004).
18. "DNA Molecules and Configurations in a Solid-state Nanopore Sensor," Li, J., M. Gershow, D. Stein, E. Brandin, and J.A. Golovchenko, *Nature Materials* 2, 611-615 (September 2003).
19. "Feedback-controlled Ion Beam Sculpting Apparatus," Derek M. Stein, Ciaran J. McMullan, Jiali Li, Jene A Golovchenko, *Reviews of Scientific Instruments*, 75, (April 2004).
20. "InGaAs/GaAs three-dimensionally-ordered array of quantum dots," Yu. I. Mazur, W. Q. Ma, X. Wang, Z. M. Wang, G. J. Salamo, M. Xiao, T. D. Mishima, and M. B. Johnson, *Appl. Phys. Lett.* 83, 987 (2003).
21. "Morphology evolution during strained (In,Ga)As epitaxial growth on GaAs vicinal (100) surfaces," Z. M. Wang, J. L. Shultz, and G. J. Salamo, *Appl. Phys. Lett.* 83, 1749 (2003).

22. “Hidden resonant excitation of photoluminescence in bilayer arrays of InAs/GaAs quantum dots,” Yu. I. Mazur, Z. M. Wang, G. J. Salamo, Min Xiao, G. G. Tarasov, Z. Ya. Zhuchenko, W. T. Masselink, and H. Kissel, *Appl. Phys. Lett.* 83, 1866 (2003).
23. “Enhancing the in-plane spatial ordering of quantum dots,” W. Q. Ma, M. L. Hussein, J. L. Shultz, G. J. Salamo, T. D. Mishima, and M. B. Johnson, *Phys. Rev. B* 69, 233312 (2004).
24. “Atom-resolved scanning tunneling microscopy of (In,Ga)As quantum wires on GaAs(311)A,” H. Wen, Z. M. Wang, and G. J. Salamo, *Appl. Phys. Lett.* 84, 1756 (2004).
25. “Fabrication of (In,Ga)As quantum-dot chains on GaAs(100),” Z. M. Wang, K. Holmes, Yu. I. Mazur, and G. J. Salamo, *Appl. Phys. Lett.* 84, 1931 (2004).
26. “Persistence of (In,Ga)As quantum-dot chains under index deviation from GaAs(100),” Z. M. Wang, Yu. I. Mazur, G. J. Salamo, P. M. Lytvyn, V. V. Strelchuk, and M. Ya. Valakh, *Appl. Phys. Lett.* 84, 4681 (2004).
27. “Experimental Observation of Discrete Modulational Instability,” J. Meier, G. I. Stegeman, D. N. Christodoulides, Y. Silberberg, R. Morandotti, H. Yang, G. Salamo, M. Sorel, and J. S. Aitchison, *Physical Review Letters* 92, 163902 (2004).
28. “Time-Evolution of the GaAs(001) Pre-Roughening Process,” Z. Ding, D. W. Bullock, P. M. Thibado, V. P. LaBella, and Kieran Mullen, *Surf. Sci.* 540, 491 (2003).
29. “Origins of the GaN(0001) Surface Reconstructions”; S. Vezian, F. Semond, J. Massies, Z. Ding, D. W. Bullock, and P. M. Thibado, *Surf. Sci.* 541, 242 (2003).
30. “Microelectronics-Photonics Interdisciplinary Science/Engineering Graduate Program Startup—Lessons Learned at the Five Year Point”; Ken Vickers, Greg Salamo, and Ron Foster, *ASEE Annual Conf.* (Salt Lake City, Utah, June 2004), *Refereed Conference Proceedings*.
31. “Early Progress Indicators: an Innovation Incubator,” Ron Foster, Ken Vickers, Greg Salamo, John Ahlen; *ASEE Annual Conf.* (Salt Lake City, Utah, June 2004), *Refereed Conference Proceedings*.
32. “Modified spontaneous emission of CdTe quantum dots inside a photonic crystal,” Jia-Yu Zhang, Xiao-Yong Wang, Min Xiao, Yong-Hong Ye, *Optics Letters* 28, 1430 (2003)
33. “Optical Multistability in Three-Level Atoms inside an Optical Ring Cavity”, A. Joshi and Min Xiao, *Physical Review Letters*, 91, 143904 (2003).
34. “Electromagnetically Induced Transparency and Its Dispersion Properties in a Four-Level Inverted-Y Atomic System”, A. Joshi and Min Xiao, *Phys. Lett.*, 317, 370 (2003).
35. “Photoluminescence Up-Conversion in Colloidal CdTe Quantum Dots”, X. Wang, W. Yu, J. Zhang, J. Aldana, X. Peng, and Min Xiao, *Phys. Rev. B* 68, 125318 (2003).
36. “Surface-Related Emission in Highly Luminescent CdSe Quantum Dots”, X. Wang, L. Qu, J. Zhang, X. Peng, and Min Xiao, *Nano Letters*, 3, 1103 (2003).
37. “Effect of Spontaneously Generated Coherence on Optical Bistability in a Three-Level  $\Lambda$ -Type Atomic System”, A. Joshi, W. Yang, and Min Xiao, *Physics Letters, A* 315, 203 (2003).
38. “Controlled Steady-State Switching in Optical Bistability”, A. Brown, A. Joshi, and Min Xiao, *Appl. Phys. Lett.*, 83,1301 (2003).
39. “Effects of Quantum Interference on Optical Bistability in Three-Level V-Type Atomic System”, A. Joshi, W. Yang, and Min Xiao, *Phys. Rev. A*, 68, 015806 (2003).

40. "Photo-Oxidation-Enhanced Coupling in Densely-Packed CdSe Quantum-Dot Films", X. Wang, J. Zhang, A. Nazzal, and Min Xiao, *Appl. Phys. Lett.*, 83, 162 (2003).
41. On the bichromatic excitation of a two-level atom with squeezed light, A. Joshi, R. Vyas, S. Singh, and Min Xiao, *Eur. Phys. J. D* 29, 95 (2004).
42. "Modified Spontaneous Emission of CdTe Quantum Dots inside Photonic Crystal", J.Y. Zhang, X.Y. Wang, Y.H. Ye, and Min Xiao, *Opt. Lett.*, 28 1430 (2003).
43. "On the Dynamical Evolution of a Three-Level Atom with Atomic Motion in a Lossless Cavity", A. Joshi and Min Xiao, *Optics Communications*, 232, 273 (2004).
44. "Optical Bistability in a Three-Level Semiconductor Quantum-Well System", A. Joshi and Min Xiao, *Applied Physics B* 79, 65 (2004).
45. "Optical Limiting and Enhanced Optical Nonlinearity in Boron-Doped Carbon Nanotubes", J. Xu, Min Xiao, R. Czerw, and D.L. Carroll, *Chemical Physics Letters*, 389, 247 (2004).
46. "Effect of Spontaneously Generated Coherence on the Dynamics of Multilevel Atomic System", A. Joshi, W. Yang, and Min Xiao, *Phys. Lett. A* 325, 30 (2004).
47. "Environmental Effects on the Photoluminescence of Highly Luminescent CdSe and CdSe/ZnS Core/Shell Nanocrystals in Polymer Thin Films", A. Nazzal, X. Wang, L. Qu, W. Yu, Y. Wang, X. Peng, and Min Xiao, *Journal of Physical Chemistry B* 108, 5507 (2004).
48. "Effects of Side-Coupling on the Phase Response of Cascaded Microring All-Pass Filters", W. Yang, A. Joshi, and Min Xiao, *Optics Communications*, 232, 209 (2004).
49. "On the Dynamical Evolution of a Three-Level Atom with Atomic Motion in a Lossless Cavity", A. Joshi and Min Xiao, *Optics Communications*, 232, 273 (2004).
50. "Polarization Spectroscopy of InGaAs/GaAs Quantum Wires Grown on (311)B GaAs Template with Nanoscale Fluctuations", X. Wang, Z. Wang, V. Yazdanpanah, G.J. Salamo, and Min Xiao, *J. of Appl. Phys., Communications*, 95, 1609 (2004).

**Articles in Conference Proceedings (Only a partial list follows)**

1. "Off-center atomic displacements in BaTiO<sub>3</sub> quantum dots," H. Fu and L. Bellaiche, (Proceedings of the 2003 Conference on Fundamental Physics of Ferroelectrics, P.K. Davies and D. Singh, ed. AIP, Woodbury, New York, 2003), pp. 139–145.
2. "Quantum error correction for various forms of noise (Keynote Paper)," J. Gea-Banacloche and J. P. Clemens, in Proceedings of the SPIE, vol. 5468 (Proceedings of the Conference on Fluctuations and Noise in Photonics and Quantum Optics II), edited by P. Heszler, D. Abbott, J. Gea-Banacloche and P. R. Hemmer, p. 252-261 (2004).
3. "Photothermal Deflection Spectroscopy and Its Application to Combustion Diagnostics," R. Gupta, Proceedings of the 11<sup>th</sup> International Symposium on Laser-Aided Plasma Diagnostics, Les Houches, France, 2003.
4. "E-beam Evaporated Cobalt Films on MBE Prepared GaAs(001) for Spintronics"; Z. Ding, P. M. Thibado, and V. P. LaBella, 31<sup>st</sup> conference on The Physics and Chemistry of Semiconductor Interfaces, Kailua-Kona, Hawaii, January 2004.
5. "Higher order photon statistics of intracavity second harmonic generation," D. Erenso, R. Adams, H. Deng, Reeta Vyas, and S. Singh, in Coherence and Quantum Optics VIII, ed. by N. P. BegeLOW, J. H. Eberly, C. R. Stroud, and I. A. Walmsley (Kluwer Academic/Plenum Publishers, New York, NY, 2004), pg. 513.

6. “Photon correlations in the homodyne detection of squeezed light,” D. Erenso, H. Deng, Reeta Vyas, and S. Singh, in *Coherence and Quantum Optics VIII*, ed. by N. P. BegeLOW, J. H. Eberly, C. R. Stroud, and I. A. Walmsley (Kluwer Academic/Plenum Publishers, New York, NY, 2004), pg. 451.
7. “Atomic inversion for an atom coupled to a squeezed vacuum in a coherently driven cavity,” D. Erenso, Reeta Vyas, and S. Singh, in *Coherence and Quantum Optics VIII*, ed. by N. P. BegeLOW, J. H. Eberly, C. R. Stroud, and I. A. Walmsley (Kluwer Academic/Plenum Publishers, New York, NY, 2004), pg. 361.

### **Invited Lectures (Only a partial list follows)**

1. “Properties of Ferroelectric Thin Films from First-Principles,” L. Bellaiche. Colloquium at Ecole Centrale; Paris (France), June 22, 2004.
2. “High pressure phases in highly piezoelectric  $\text{PbZr}_{0.52}\text{Ti}_{0.48}\text{O}_3$ ,” Laurent Bellaiche. Invited presentation—(2004 Workshop on Fundamental Physics of Ferroelectrics; Williamsburg, Virginia, February, 8–11, 2004).
3. “Ferroelectricity in  $\text{BaTiO}_3$  quantum dots and wires,” H. Fu. Invited presentation—(2004 Workshop on Fundamental Physics of Ferroelectrics; Williamsburg, Virginia, February, 8–11, 2004).
4. “Ab-initio modelling of ferroelectric quantum dots,” H. Fu and L. Bellaiche. Invited talk—(APS March meeting, Montreal March 2004).
5. “First-principles study of ferroelectric perovskites under finite electric fields,” H. Fu. Invited talk—(3<sup>rd</sup> International Conference on Computational Modeling and Simulation of Materials, Sicily, Italy May-June, 2004).
6. “Quantum error correction for various forms of noise (Keynote Paper),” J. Gea-Banacloche and J. P. Clemens. Invited talk—(Conference on Fluctuations and Noise in Photonics and Quantum Optics II), edited by P. Heszler, D. Abbott, J. Gea-Banacloche and P. R. Hemmer, p. 252-261 (2004).
7. “Photothermal Deflection Spectroscopy and Its Application to Combustion Diagnostics,” R. Gupta. Invited talk—(11<sup>th</sup> International Symposium on Laser-Aided Plasma Diagnostics, Les Houches, France, Sept 28-Oct 2, 2003).
8. “Integrating Public Affairs Issues into physics teaching,” Art Hobson, AAPT summer meeting in Madison, WI, 2-6 August 2003.
9. “Teaching global warming,” Art Hobson, Spring Meeting of the APS, Denver, 1-4 May 2004.
10. “Preparing K-12 Science Teachers at the University of Arkansas,” Gay Stewart, Invited talk—American Physical Society Spring Meeting, Denver Colorado, 2004.

### **Contributed Lectures and Presentations (Only a partial list follows)**

1. “Two-Photon Photothermal Deflection Spectroscopy of Atomic Sodium,” Z. Al-Ahmed, Y. Li, and R. Gupta, *Rev. Scient. Instr.*, 74, 349 (2003).
2. “Measurement of Absolute OH Concentration in a Flame by Photothermal Deflection Spectroscopy,” Y. Li and R. Gupta, *Rev. Scient. Instr.*, 74, 351 (2003).

3. "New and Extraordinary Physics Educational Tools: The Harter-Soft Method," Talks and exhibits at the Air Force Institute of Technology, Wright-Patterson AFB, Dayton, July 10, 2003.
4. "The Population Game," Art Hobson, AAPT summer meeting in Madison, WI, 2-6 August 2003.
5. "Teaching Quantum Physics Conceptually," Art Hobson, AAPT summer meeting in Madison, WI, 2-6 August.
6. "Photon statistics of cavity field interacting with two entangled quantum dots," D. Erenso, Reeta Vyas, and S. Singh, OSA Annual Meeting, Tucson, Arizona, October, 2003.
7. "Conditional detection of quantum fluctuations," D. Erenso, Reeta Vyas, and S. Singh, OSA Annual Meeting, Tucson, Arizona, September, 2003.
8. "On bichromatic excitation of a two-level atom with squeezed light," A. Joshi, Reeta Vyas, S. Singh, and M. Xiao, OSA Annual Meeting, Tucson, Arizona, September, 2003.
9. "Electrons as field quanta: Straightforward approach to teaching quantum physics," Art Hobson, National meeting of the APS, Denver, 1-4 May 2004.
10. "Examples of the Bush Administration's Manipulation of Science," Art Hobson, APS News, Aug 2003, p. 4.
11. "Review of 'The NEW World of Mr Tompkins'," Art Hobson, reprinted in the Forum on Education Newsletter, Fall 2003.
12. "Energy and Work," Art Hobson, The Physics Teacher May 2004, pg. 260.
13. "Climate Protection Strategies for the 21st Century," Art Hobson, Teachers Clearinghouse Newsletter, Spring 2004, pa. 30.

#### Numerical Breakdown of Publications, Presentations and other Contributions<sup>1</sup>

1	Book chapter published by invitation
50	Journal articles published
7	Articles published in Conference Proceedings
10	Invited Lectures
13	Contributed Lectures and Presentations

## **POLITICAL SCIENCE**

### **Books published**

Donald R. Kelley, editor, *After Communism: Perspectives on Democracy*, (Fayetteville, AR: University of Arkansas Press) 2003.

Brinck Kerr, Margaret Reid, Will Miller, *Glass Walls and glass Ceilings: Women's Representation in State and Municipal Bureaucracies*, (New York: Pager Publishers) 2003.

## **Chapters published**

Jay Barth and Janine Parry, "Provincialism, Personalism, and Politics: Campaign Spending and the 2002 U.S. Senate Race in Arkansas" PS: Political Science and Politics E-Symposium, 36(3), July 2003.

Najib Ghabbian "Al-Jazeera: Expanding the Fourth Estate" in *History in dispute: The Middle East Since 1945*, editor David W. Lesch, Volume 14 First Series (Columbia, SC: Manly, 2003/ Farmington Hills, MI: St. James Press, 2003), pp. 28-33.

Donald R. Kelley, "The Complexity of Democratic Consolidation," in *After Communism: Perspectives on Democracy*, Donald R. Kelley, editor (Fayetteville, AR: University of Arkansas Press) 2003, pp. 7-30.

Donald R. Kelley, "Consolidation as a Work in Progress," in *After Communism: Perspectives on Democracy*, Donald R. Kelley, editor (Fayetteville, AR: University of Arkansas Press) 2003. pp. 239-252.

Janine A. Parry, "The Women's Movement and Political Representation Policy in the U.S., 1970-2000," in *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)* Marila Guadagnini, editor (Turino, Italy: CELID) 2004, pp. 87-108.

Margaret F. Reid, "Transformations in post-socialist Cities" in *Globalization and Local Democracy*, R. Hambleton, H.V. Savitch and M. Stewart editors (London: MacMillan-Palgrave), pp 95-107.

## **Other articles**

Najib Ghabbian "The Organization of Islamic Jihad" in *Encyclopedia of Islam and the Muslim World*, editor Richard C. Martin (New York: Macmillan, 2003) pp.

Najib Ghabbian, "Democracy of Self-Interest?" *Harvard International Review*, Vol. XXIV, No. 6, Summer 2003. (Review Essay)

Najib Ghabbian "Preliminary Remarks on the Legacy of Saddam Hussein" *Al-Jazeera.net*, December 2003 (Arabic) (OP-ED Essay).

Najib Ghabbian "A New Democratic Discourse: Analyzing the Bush's Speech," *Al-Jazeera.net*, December 2003 (Arabic)(OP-ED Essay).

Najib Ghabbian "The New Syrian Government Between the Pressures of Occupation & Reform," *Syriafuture.net*, September 2003 (Arabic) (OP-ED Essay).



Najib Ghabbian “The War on Iraq: Justifications and Motives,” <http://english.Jazeera.net>, August 2003 (Op-ED Essay).

Najib Ghabbian, “The Iraqi Weapons of Mass Destruction and the American Dilemma,” Al-Quds al-Arabi, June 2003 (Arabic) (OP-ED Essay).

Najib Ghabbian, “The Media War in the War on Iraq,” Al-Jazeera.net, March 2003 (Arabic)(OP-ED Essay).

Najib Ghabbian, “Analyzing the American Vision of the Post-Saddam’s Era,” Al-Jazeera.net, February 2003 (Arabic)(OP-ED Essay).

Najib Ghabbian, “The Professed and Real US Objectives Toward Iraq, Al-Quds al-Arabi, February 2003 (Arabic) (OP-ED Essay).

Najib Ghabbian, “The Syrian Opposition & the Upcoming Parliamentary Election,” Thisissyria.net, January 2003 (Arabic) (OP-ED Essay).

Najib Ghabbian, “The Anti War Movement: Where are the Arabs? Al-Jazeera.net, January 2003 (Arabic)(OP-ED Essay).

Janine A. Parry, “The Arkansas Election, 2002,” in The National Journal’s “Hotline: The Lost Election” on-line publication, February 2003.

Lisa Schur, Todd G. Shields, Kay Schriener, “Voting” in The Encyclopedia of Disability, Gary Albrecht, editor.

### **Papers presented at conferences and other seminars**

Andrew Dowdle “The New Hampshire Effect: What Function Does the Bellwether Primary Really Perform in the Outcome of Presidential Nominations?” paper presented at the Annual Meeting of the Midwest Political Science Association, Chicago, Illinois, April 2003.

Andrew Dowdle “The Exhibition Season: Modeling Presidential Nomination Politics Before the Primaries” paper presented at the Annual Meeting of the American Political Science Association, Philadelphia, Pennsylvania, August 2003.

Najib Ghabbian, “Al-Jazeera’s Coverage of the War on Iraq (Comparison with Fox & CNN)” paper presented at the 8<sup>th</sup> International Conference of Arab-US Association for Communication Educators (AUSACE), Dubai, United Arab Emirates, October 2003.

Najib Ghabbian, “Al-Jazeera: Framing the Iraq War for the Mid-East Audience,” paper presented at the Association for Education in Journalism and Mass Communication, 86<sup>th</sup> Annual Convention, Kansas City, Missouri, August 2003.

Kenneth N. Hansen, "The Greening of Pentagon Brownfields: The Role of Environmental Variables in the Military Base Conversion Process," paper presented at the Western Political Science Convention, Denver, Colorado, March 2003.

Kenneth N. Hansen, Jerald McKinney, II, "Internalizing the Costs of New Development in Arkansas: The Constitution and Politics," paper presented at the Arkansas Political Science Convention, Conway, Arkansas, February, 2003.

Brinck Kerr, Will Miller and Margaret Reid, "An Unconventional Application of the Glass Ceiling Concept: African American and Latino Administrators in Municipal Government Bureaucracies, 1987-1997" paper presented for the Center for the Study of Representation, University of Arkansas, August 2003.

Brinck Kerr, Will Miller and 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 in San Antonio, Texas, April 2003.

Brinck Kerr, Will Miller, Tiffini Jackson and Jack Kern, "The Determinants of Public School Quality in the State of Arkansas: A Time Series Analysis," paper presented at the 2003 Arkansas Political Science Association, Conway, Arkansas.

Janine A. Parry, Jay Barth, Terry Jones, and Martha Kropf, "Early and Absentee Voters in Two Senate Elections" paper presented at the Symposium on Campaigns and Elections, Philadelphia, Pennsylvania, November, 2003.

Janine A. Parry, "Ladies Inside and Out: Arkansas Women's Commissions and the Equal Rights Amendment," paper presented at the Arkansas Women's History Institute Meeting (20<sup>th</sup> Anniversary), Little Rock, Arkansas, March 2003.

Janine A. Parry and Jay Barth, "Provincialism, Personalism, and Politics: Campaign Spending and the 2002 U.S. Senate Race in Arkansas" paper presented at the Annual Meeting of the Midwest Political Science Association, Chicago, Illinois, April 2003.

Janine A. Parry and Jay Barth "Provincialism, Personalism, and Politics: Campaign Spending and the 2002 U.S. Senate Race in Arkansas" paper presented at the National Press Club, February 2003.

Janine A. Parry and Will Miller, "The Great Negro State of the Country? Black Legislators in Arkansas: 1973-2000" paper presented at the Annual Meeting of the Arkansas Political Science Association, Conway, Arkansas, February 2003.

Janine A. Parry and Jay Barth, "Provincialism, Personalism, and Politics: Campaign Spending and the 2002 U.S. Senate Race in Arkansas" paper presented at the Annual Meeting of the Arkansas Political Science Association, Conway, Arkansas, February 2003.

Janine A. Parry, "The Arkansas Election, 2002," in The National Journal's "Hotline: The Lost Election" on-line publication, February 2003.

Jeffrey Ryan, "Dangerous Lessons: Foreign Influences & State Terrorism in Uruguay," paper presented at the Arkansas Political Science Association, Conway, Arkansas, March 2003.

William D. Schreckhise and Barbara Warner, "Evaluating the American Public Policy System: Criteria and Evaluation," paper presented at the Arkansas Political Science Association, Conway, Arkansas, March 2003.

Todd G. Shields and Sunshine Hillygus, "Ideological and Partisan Cross-Pressures among Southern Voters in the 2000 Presidential Election," paper presented at the Annual Meeting of the Southern Political Science Association, New Orleans, Louisiana, 2003.

Todd G. Shields and Chi Huang, "The Gender-Gap in Split Ticket Voting in the 2000 Presidential Election, paper presented at the Annual Meeting of the American Political Science Association in Philadelphia, Pennsylvania, August 2003.

Conrad P. Waligorski, "The Economist as Political Theorist: John Kenneth Galbraith and the Debate Over Democracy," paper presented at the Southwestern Social Science Association Meeting in San Antonio, Texas, April 2003.

Ka Zeng, "Explaining Outcomes of the U.S.-China Intellectual Property Dialogue," paper presented at the 16<sup>th</sup> Annual Conference of the Association of Chinese Political Studies, Knoxville, Tennessee, April 2003.

Ka Zeng and Andrew Mertha, "Political Institutions, Local Resistance, and china's Harmonization with International Law," paper presented at the Annual Meeting of the Midwest Political Science Association, Chicago, Illinois, April 2003.

Ka Zeng, "Trade Policy Orientations and Dispute Settlement under Section 301," paper presented at the Annual Meeting of the International Studies Association, Portland, Oregon, March 2003.

Ka Zeng, "Strategic Choice, Policy Substitutability, and Trade" Colloquium sponsored by the RBC Financial Group Economic Policy Research Institute, University of Western Ontario, London, Ontario, Canada, October 2003.

## **PSYCHOLOGY**

### **Books**

Knowles, E. S., & Linn, J. A., (Eds.). (2004). Resistance and persuasion. Mahwah, NJ: Erlbaum

Lilienfeld, S.O., Lynn, S.J., Lohr, J.M. (2003). Science and pseudoscience in clinical psychology. New York: Guilford Press.

### **Book Chapters**

Bering, J. M. & Povinelli, D. J. (2003). Comparing cognitive development. In D. Maestriperi (Ed.), Primate psychology: Bridging the gap between the mind and behavior of human and nonhuman primates (pp. 205-233). Cambridge, MA: Harvard University Press.

Bjorklund, D. F. & Bering, J. M. (2003). Big brains, slow development, and social complexity: The developmental and evolutionary origins of social cognition. In M. Brüne (Ed.), The social brain -evolutionary aspects of development and pathology (pp. 113-151). Wiley.

Povinelli, D. J., Bering, J., & Giambrone, S. (2003). Chimpanzee 'pointing': Another error of the argument by analogy? In S. Kita (Ed.), Pointing: Where language, culture, and cognition meet (pp. 35-68). Hillsdale, NJ: Erlbaum.

Cavell, T.A., Meehan, B.T., & Fiala, S.E., (2003). Assessing social competence in children and adolescents. In C.R. Reynolds & R. Kamphaus (Eds.), Handbook of Psychological and Educational Assessment of Children, 2<sup>nd</sup> Edition, New York: Guilford.

Knowles, E. S., & Linn, J. A. (2004a). Approach-Avoidance Model of Persuasion: Alpha and Omega Strategies. In E. S. Knowles & J. A. Linn (Eds.), Resistance and persuasion. Mahwah, NJ: Erlbaum.

Knowles, E. S., & Linn, J. A. (2004b). Resistance: The neglected process in persuasion. In E. S. Knowles & J. A. Linn (Eds.), Resistance and persuasion. Mahwah, NJ: Erlbaum.

Knowles, E. S., & Linn, J. A. (2004c). Resistance in the future of persuasion. In E. S. Knowles & J. A. Linn (Eds.), Resistance and persuasion. Mahwah, NJ: Erlbaum.

Perez-Lopez & Petretic (2003). The etiology and maintenance of body image dissatisfaction in men and women: A review of the literature. Advances in Psychological Research, Vol 28, Chapter 5, Nova Science Publishers, Inc.

Perez-Lopez & Petretic (2003). The use and abuse of anabolic-androgenic steroids in sports: Current knowledge and future directions. Advances in Psychological Research, Vol. 28, Chapter 9, Nova Science Publishers.

Bering, J. M. (2003). Religious concepts are probably epiphenomena: A reply to Pyysiäinen, Boyer, and Barrett. *Journal of Cognition and Culture*, 3, 244-254.

- Bering, J. M. (2003). Towards a cognitive theory of existential meaning. *New Ideas in Psychology*, 21, 101-120.
- Hernández-Blasi, C., Bering, J. M., & Bjorklund, D. F. (2003). Evolutionary developmental psychology: Viewing human ontogeny through the eyes of evolutionary theory (Psicología Evolucionista del Desarrollo: Contemplando la ontogénesis humana desde los ojos del evolucionismo). *Infancia y Aprendizaje*, 26, 267-285.
- Goldinger, S. D., Kleider, H., Azuma, T., & Beike, D.R. (2003). “ Blaming the victim” under memory load. *Psychological Science*, 14, 81-85.
- Meehan, B. T., Hughes, J. N., & Cavell, T. A. (2003). Teacher-student relationships as compensatory resources for aggressive children. *Child Development*, 74, 1145-1157.
- Oxford, M. C., Cavell, T.A., & Hughes, J.N. (2003). Callous/unemotional traits moderate the relation between ineffective parenting and child externalizing problems: A partial replication and extension. *Journal of Clinical Child and Adolescent Psychology*, 32, 577-585.
- Schneider, W.J., Cavell, T.A., & Hughes, H.N. (2003). A sense of containment: Potential moderator of the relation between parenting practices and children’s externalizing behaviors. *Development and Psychopathology*, 15, 95-117.
- Smith, S. R., Hilsenroth, M. J., Baity, M.A., & Knowles, E. S. (2003). Assessing patient and therapist perspectives of process: A revision of the Vanderbilt Psychotherapy Process Scale. *American Journal of Psychotherapy*, 57, 195-205.
- Weingartner, K. M., Guzmán, A. E., Levine, W. H., & Klin, C. M. (2003). When throwing a vase has multiple consequences: Minimal encoding of predictive inferences. *Discourse Processes*, 36, 131-146.
- Lampinen, J.M., Odegard, T.N. & Bullington, J. (2003). Qualities of memories for performed and imagined actions. *Applied Cognitive Psychology*, 17, 881-893.
- Lilienfeld, S.O., Fowler, K.A., & Lohr, J.M. (2003). And the band played on: Science, pseudoscience, and the Rorschach Inkblot Method. *The Clinical Psychologist*, 56, 6-7.
- Lohr, J.M., DeMaio, C., & McGlynn, F.D. (2003). Specific and nonspecific treatment factors in the experimental analysis of behavioral treatment efficacy. *Behavior Modification*, 27, 322-368.
- Schroeder, D.A., Steel, J.E., Woodell, A.J., & Bembenek, A.F. (2003). Justice in social dilemmas. *Personality and Social Psychology Review*, 7, 374-387. (Special issue: New and Current Directions in Justice Theorizing and Research).

### **Invited Lectures**

Cavell, T.A. (2003, October). Mentoring Children. Paper presented at the National Research Summit on Youth Mentoring, Kansas City, MO.

Cavell, T.A. (2004, May). Working with resistant parents of antisocial youth. Invited workshop, Washington County Juvenile Services Department, Hillsboro, OR.

Knowles, E.S. (2003, October). Lowering Resistance to Persuasion: Lessons from Research. Invited presentation to Multi-disciplinary Workshop on "Communicating with Hostile Audiences: Challenges and Solutions, Ann Arbor, MI

Knowles, E.S. (2003, October). Alpha and Omega strategies for persuasion. Invited colloquium, Department of Psychology, University of Michigan, Ann Arbor, MI.

### **Contributed Papers**

Scofield, J., & Behrend, D.A. (2003, March). Two-year-olds Differentially Disambiguate Novel Words and Facts. Paper presented at the Biennial Meetings of the Society for Research in Child Development meetings, Tampa, FL.

Behrend, D., & Wittek, A. (2003, April). Verbs, intentions, and event outcomes. Symposium paper presented at the Biennial Meetings of the Society for Research in Child Development meetings, Tampa, FL.

Childers, J.B., & Behrend, D.A. (2003, June). Children expect verbs to refer to intentional actions. Paper presented at the meetings of the American Psychological Society, Atlanta, GA.

Bering, J. M., & Baumann, B. D. (October, 2003). Children's causal reasoning about symbolic random events: Evidence from the moral domain. Paper presented at the Society for the Scientific Study of Religion Conference, Norfolk, VA.

Bering, J. M. (October, 2003). Supernatural agents may have provided adaptive social information. Paper presented at the Society for the Scientific Study of Religion Conference, Norfolk, VA.

Bering, J. M. (August, 2003). On reading symbolic random events. Children's causal reasoning about unexpected occurrences. Paper presented at the Psychological and Cognitive Foundations of Religiosity Conference, Atlanta, GA.

Bering, J. M. (August, 2003). On reading symbolic random events. Children's causal reasoning about unexpected occurrences. Paper presented at the New England Institute 2003 Conference on Religion, Cognitive Science, and Evolutionary Psychology. Portland, ME.

- Bering, J. M. & Alwood, N. (April, 2003). Simulating 'random events' in the laboratory: A new empirical paradigm with implications for religious reasoning. Paper presented at the Mid-Atlantic Region for the American Academy of Religion meeting, Chicago, IL.
- Bering, J.M., Hernández-Blasi, C., & Bjorklund, D.F. (April, 2003). The role of metarepresentational-simulationist models in the development of death reasoning. Poster presented at the biennial meeting of the Society for Research in Child Development, Tampa, FL.
- Akins, C., & Cavell, T.A. (2003, August). Predicting children's sense of containment from dispositional and parenting variables. Paper presented at the Meeting of the American Psychological Association, Toronto.
- Akins, C., Peralta, L., Malcolm, K., & Cavell, T. A. (2003, November). The relation between perceived containment and children's social cognitions regarding conflicts with peers. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy. Boston.
- Cavell, T.A., & Strand, P. (2003, April). Implications for parent-based interventions for aggressive children. Paper presented in "Dynamic Perspectives on Parent-Child Relations" (Symposium, Chair: Leon Kuczynski) at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Gibbs, C., Hughes, J.N., & Cavell, T.A. (2003, April). Role of school context in aggressive playground behavior. Paper presented at the Biennial Meeting of the Society for Research in Child Development, Tampa, FL.
- Loss, R., Cavell, T.A., & Hughes, J. N. (2003, November). Correlates of childhood covert antisocial behavior. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy. Boston.
- Smith, C., Williams, N. L., & Cavell, T.A. (2003, November). Teacher efficacy for classroom management: Implications for disruptive and aggressive classroom behavior. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy. Boston.
- Ackerman, S., Hilsenroth, M. & Knowles, E. (2003). The interaction of therapist activity with alliance early and late in psychotherapy. Submitted for presentation at the Society for Psychotherapy Research midwinter meeting.
- Linn, J. A., Knowles, E. S., Boeck, R., & Woodell, A. J. (2003, February). Acknowledging Resistance as a Persuasion Strategy. Poster at the Society for Personality and Social Psychology Conference, Universal City, CA.

- Baity, M. R., Knowles, E. S., & Mooney, M. A. (2003). The assessment of attrition: Fact or fiction. Paper presented at the Midwinter meeting of the Society for Personality Assessment. San Francisco, CA.
- Knowles, E. S. (2003). Omega Persuasion Strategies. Invited presentation at the meeting of Social Psychologists Around the Midwest. Champaign, IL.
- Linn, J. A., & Knowles, E. S. (2003). Effect of a small disruption on compliance. Paper presented at the American Psychological Society Convention, Atlanta, GA.
- Rufener, C. A., Linn, J. A., & Knowles, E. S. (2003). Reversal of reactance when persuader forewarns: Relationships trump information. Paper presented at the American Psychological Society Convention, Atlanta, GA.
- Odegard, T.N., Cagel, K.A. & Lampinen, J.M. (2003). Misinformation Effect: Can It Be Explained by a High Need for Consistency? Annual Meeting of the American Psychological Society. Atlanta GA.
- Leding, J.K., Armstrong, J.W., Fowler, D.W. & Lampinen, J.M. (2003). Demarcating DRM Lists: Effects on False Memories in a Free Recall Paradigm. Annual Meeting of the American Psychological Society. Atlanta GA.
- Lyons, M.A., Lampinen, J.M., McFall, B.A. & Lewis, T.N. (2003). After the Party: The Influences of Similarity on Autobiographical Memory Conjunction Errors. Annual Meeting of the American Psychological Society. Atlanta GA.
- Abell, E.E., Lampinen, J.M., Grillo, A., & Baxter, W.K. (2003). The Misleading Information Effect: The Difference Between Stereotype Consistent and Stereotype Inconsistent Information. Annual Meeting of the American Psychological Society, Atlanta, GA.
- Levine, W. H. (2003). The role of long-term predictive inferences in narrative processing. Poster presented at the Thirteenth Annual Meeting of the Society for Text and Discourse, Madrid, Spain.
- Levine, W. H. (2003). The interaction of quantifiers and context in determining discourse focus. Poster presented at the 43rd Annual Meeting of the Psychonomic Society, Vancouver, B.C.
- Lohr, J.M., Bonge, D., Witte, T.H., Langhinrichsen-Rohling, J., Hamberger, L.K., Parker, L.M., & Peralta, L. The clinical utility of an MCMI batterer typology: Graduate student clinicians versus professional psychologists. Paper presented at the 37th Annual Convention of the Association for Advancement of Behavior Therapy, Boston, MA.



- Olatunji, B.O., Williams, N., Lohr, J.M., & Sawchuk, C.N. The structure of disgust: Domain specificity in relation to contamination fears. Paper submitted for presentation at the 16<sup>th</sup> Annual Convention of the American Psychological Society, Chicago, IL.
- Olatunji, B.O., Lohr, J.M., Penkov, M., & Connolly, K. Emotional responding and evaluative learning of fear and disgust in blood-injection-injury phobia. Paper submitted for presentation at the 16<sup>th</sup> Annual Convention of the American Psychological Society, Chicago, IL.
- Petretic, P., Schuck, S., Perdew, I., & Limberg, N. (2003, July). If I'm so happy in this relationship why do I feel so Miserable: distortions in intimacy among young adults with and without abuse histories. Paper presented at the 8<sup>th</sup> International Family violence Research Conference/UNH, Portsmouth, NH.
- Petretic, P., Schuck, S., Perdew, I., & Limberg, N. (2003, July). Adult interpersonal functioning in victims of child sexual abuse: Predicting intimacy and conflict tactics use. Poster presented at the 8<sup>th</sup> International Family Violence Research Conference/UNH, Portsmouth, NH.
- Griffin, G. & Petretic, P. (2003, July). The effect of self-regulation levels on conflict resolution style in males. Poster presented at the 8<sup>th</sup> International Family violence Research conference/UNH, Portsmouth, NH.
- Schuck, S., Petretic, P., Perdew, I., & Limberg, N. (2002, July). The effects of childhood physical abuse on trauma symptoms, cognitions, intimacy and conflict tactics. Poster presented at the 8<sup>th</sup> International Family Violence Research Conference/UNH, Portsmouth, NH.
- Perdew, I., Petretic, P., Schuck, S. & Limberg, N., (2003, July) The prediction of trauma symptoms in victims of partner violence. Poster presented at the 8<sup>th</sup> International Family Violence Research Conference/UNH, Portsmouth, NH.
- Perdew, I., Petretic, P., Schuck, S., & Limberg, N. (2003, July) A predictive model of victimization and perpetration of partner violence. Poster presented at the 8<sup>th</sup> International Family Violence Research Conference/UNH, Portsmouth, NH.
- Steel, J.E., Schroeder, D.A., Beike, D., Woodell, A.J., & Bembenek, A.F. (2003, May). The counterfactual-Justice connection: The role of "looking back" on perceptions of procedural and distributive fairness. Paper presented at the convention of the American Psychological Society, Atlanta, GA.
- Bembenek, A.F., Steel, J.E., Woodell, A.J., & Schroeder, D.A. (2003, May). Reactions to procedural justice: the survivor's perspective. Paper presented at the convention of the American Psychological Society, Atlanta, GA.

Woodell, A.J., Schroeder, D.A., Bembenek, A.F., & Steel, J.E. (2003, May). The temporal nature of retributive reactions within groups. Paper presented at the convention of the American Psychological Society, Atlanta, GA.

Schroeder, D.A., Steel, J.E., Bembenek, A.F., & Woodell, A.J. (2003, August). Changing justice motives and standards of fairness as social dilemmas unfold. Paper presented at the 10<sup>th</sup> International Social Dilemma Conference, Marstrand, Sweden.

Gilmore, H. L., & Stripling, J. S. (2003, April). Modulation of olfactory cortex function by cortical association fibers: Intracellular analysis in vivo. Twenty-fifth Annual Meeting of the Association for Chemoreception Sciences, Sarasota, Florida.

Williams, N.L. (2003 October). Novel Interventions in the treatment of generalized anxiety disorder: From research to intervention. Continuing education workshop presented at the Arkansas State Psychological Association Conference, Little Rock, AR.

Williams, N.L., Cole, H., Elwood, L.S., Smith, C.A., & Parsons, C.J. (November, 2003). Lay Conceptualizations of Anxiety and Mood Disorders and Help-Seeking Behavior. Presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Boston, MA.

Williams, N.L., McDonald, T., Owens, T., & Lunt, M.A. (November, 2003). The Anxious Anticipatory Style: A Predominance of Mental Imagery. Presentation at the Annual Conference for the Association for Advancement of Behavioral Therapy, Boston, MA.

Williams, N.L., Parson, C.J., Elwood, L.S., Smith, C.A., McDonald, T., Owens, T., & Lunt, M.A. (November, 2003) The Anxious Anticipatory Style: A global Cognitive Vulnerability to Anxiety. Presentation at the Annual conference of the Association for Advancement of Behavioral Therapy, Boston, MA.

Elwood, L.S., Parsons, C.J., Smith, C.A., and Williams, N.L. (November, 2003) Traumatic Life Events and Cognitive Vulnerabilities to Anxiety and Depression. Presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Boston, MA.

Elwood, L.S. & Williams, N.L. (November, 2003) Adult Romantic Attachment, Traumatic Life Events, and Anxiety and Depression. Presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Boston, MA.

Parsons C.J. & Williams, N.L. (November, 2003) Information processing and Adult Romantic Attachment Implications for Anxiety and Depression. Presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Boston, MA.

- Smith, C.A. & Williams, N.L. (November 2003) Cognitive content-Specificity and Cognitive Vulnerabilities to Anxiety and Depression. Presentation at the Annual Conference of the Association for Advancement of Behavioral Therapy, Boston, MA.
- Smith, C.A. Williams, N.L., & Cavell, T.C. (November, 2003) Teacher Efficacy for Classroom Management Implication for disruptive and Aggressive Classroom Behavior. Presentation at the Annual Conference of the Association for Advancement of Behavioral therapy, Boston, MA.
- Williams, N.L., Elwood, L., McDonald, T. (April, 2003) Self-report measures of anxious and depressive symptoms: A meta-analytic review. Presentation at the Annual Conference of the Southwestern Psychological Association, New Orleans, LA.
- Elwood, L., Parsons, C., Smith, C., & Williams, N.L. (April 2003) Attachment and interpersonal problems: The interpersonal basi of cognitive vulnerability models. Presentation at the Annual conference of the Southwestern Psychological Association, New Orleans, LA.
- Parsons, C. & Williams, N.L. (April 2003) Vulnerabilities to anxious and depressive symptoms: Attachment, coping and cognition. Presentation at the Annual conference of the Southwestern Psychological Association, New Orleans, LA.
- Olatunji, O., & Williams, N. L. (April 2003) Information processing biases in anxiety: The “Looming Maladaptive Style”. Presentation at the Annual Conference of the Southwestern psychological Association, New Orleans, LA.
- Smith, C. & Williams, N. L. (April, 2003). Teacher efficacy for classroom management: Implications for disruptive classroom behavior. Presentation at the Annual Conference of the Southwestern Psychological Association, New Orleans, LA.

## **SOCIOLOGY**

### **Books**

Schwab, William

Deciphering the City. Englewood Cliffs, NJ: Prentice Hall, 2004 (Available in bookstores August 16.)

Yang, Song

Investigating Company Job Training Programs in U.S. Organizations. Beijing, China: Social Science Documentation Publishing House. 2004.

## **Chapters**

Smith, Brent (with K. Damphousse). "Terrorism and Empirical Testing: Using Indictment Data to Assess Changes in Terrorist Conduct," in Mattieu Deflem (ed.) *Terrorism and Counter-Terrorism: Criminological Perspectives*. San Diego, CA: Elsevier, 2004

(with S. Corley and K. Damphousse) "The Changing Face of American Terrorism," in Brad Whitsel and Lynne Snowden (eds.) *Terrorism: Readings, Research and Realities*. New York: Prentice-Hall, 2004.

## **Refereed Articles**

Adams, Douglas (with W. Mangold, L. Bean). "The Impact of Intercollegiate Athletics on Graduation Rates Among Major NCAA Division I Universities: Implications for College Persistence Theory and Practice. *Journal of Higher Education*, pp. 540-562 (September-October 2003).

Holyfield, Lori (with Anna 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).

(with Anna Zajicek, Al Lord) "The History of the Women's Movement in Northwest Arkansas, 1970-present." *Arkansas Historical Quarterly*, Vol. L, No. 2 (2003): 1-27.

(Book Review) "Heroic Efforts: The Emotional Culture of Search and Rescue Volunteers." By Jennifer Lois. *American Journal of Sociology* (Vol 109n3).

(with Lilian Jonas) "From River God to Research Grunt: Identity, Emotions and the River Guide." *Journal of Symbolic Interaction* (Vol 26:2) 2003.

Huggins, Denise (with J.L. Williams, D.G. Rodeheaver). "Crime and Punishment in Russia and the United States: 1990-1996." *International Journal of Comparative and Applied Criminal Justice*, Vol. 27, Number 1.

(with C. Coghlan). "That's Not Fair! A Simulation Exercise in Social Stratification and Structural Inequality." *Teaching Sociology*. Vol. 32, Number 2.

Smith, Brent (with K. Damphousse). "Insights from Federal Prosecutions of Terrorists." *National Institute of Justice Research in Brief*. U.S. Department of Justice, Washington, DC, 2004.

Yang, Song "Contextual Analysis of Company Job Training." Research in the *Sociology of Work*, 12:259-286 edited by David Bills.

(with David Knoke) "Fattening' Frogs for Snakes? Company Investments in Job Skills Training." Research in the Sociology of Work 12:3-30, edited by David Bills.

Zajicek, Anna (with Lilian Jonas and Lori Holyfield) "Adventure Without Risk is Like Disneyland." Book chapter under review in *The Sociology of Edgework*. New York, Routledge.

Zajicek, Anna (with T. Calasanti, Edward K. Zajicek) "Age Relations, Gender, and the State: The Case of the Economic Transition in Poland." R & R Aging and Society.

Zajicke, Anna (with Lori Holyfield, 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).

Zajicek, Anna (with Pat Koski) "Discourse, Marginalization and Resistance: The Construction of the Single Self." Sociological Spectrum, Vol 23(2003): 1-27.

### **Unrefereed Publications and Proceedings**

Schwab, William. 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.

Smith, Brent (with K. Damphousse). Quarterly Progress Report #11: The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism. October 23, 2003.

## **SOCIAL WORK**

### **Books**

Reese, D. (2004). Addressing the whole person in end of life care: The social work role on the interdisciplinary hospice team. Contract for publication with Columbia University Press, expected completion date: June 2005.

Schriver, J. (Spring 2004). The role of HBSE in developing multicultural theory for culturally competent practice. Book chapter in *Education for Multicultural Social Work Practice: Critical Viewpoints and Future Directions*. Alexandria, VA: Council on Social Work Education.

Schraver, J. M. (Fall 2003). Human Behavior and the Social Environment: Shifting Paradigms in Essential Knowledge for Social Work Practice. 4<sup>th</sup> ed. Boston: Allyn and Bacon

### **Refereed Articles**

Christy-McMullin, K. (2003). Asset-building and safety for women: Stretching social work's conceptual frame. Social Policy Journal, 2 (4), 19-37.

Christy-McMullin, K. (under review). An evidenced-based approach to a theoretical understanding of the relationship between economic resources, race/ethnicity, and woman abuse. Journal of Evidenced-Based Social Work.

Christy-McMullin, K. (under review). The relationship between economic assets and woman abuse. Violence Against Women.

### **Unrefereed Articles**

House, Glenda. Guest Lectures in MSW courses: "Working Effectively with Gay & Lesbian Clients" and "Cultural Bias in Clinical Assessment, Diagnosis & Treatment"

House, Glenda. Assisted in writing of BSW Self Study

House, Glenda. Assisted in writing of MSW Self Study

House, Glenda. Developed/Revised 5 BSW Syllabi

Valenzuela, C., & Reese, D. (2004). Cultural Competence Committee update. Arkansas State Hospice and Palliative Care Association Update.

### **Invited Lectures**

Beckton, S. & Christy-McMullin, K. "Well-Being of IDA Participants After Graduation," NASW, Arkansas Chapter, Fort Smith, Arkansas, March, 2004. Poster presentation.

Christy-McMullin, K. "Examining Safety for Women: The Relationship Between Economic Resources, Race and Ethnicity, and Woman Abuse," 16th National Symposium of Doctoral Research in Social Work, Columbus, Ohio, April 2004.

Christy-McMullin, K., Beckton, S. & Ruben, D. "Well-Being of IDA Participants After Graduation," 21st Century Families Conference, Little Rock, Arkansas, April 2004.

Christy-McMullin, K. & Shobe, M. "Exploration of an Asset-Building Program: Can Low-Income Individuals Really Save," Society for Social Work and Research, New Orleans, Louisiana, January 2004.

Shobe, M. & Christy-McMullin, K. "The Connection Between Health Status and Social Security For Low-Income Elderly Women And People of Color In The US," poster presentation, 12<sup>th</sup> Annual Society for Prevention Research Conference, Quebec City, Canada, May 2004.

Young, S. & Christy-McMullin, K. "Economic Needs of Women Using Services of a Domestic Violence Agency," NASW, Arkansas Chapter, Fort Smith, Arkansas, March, 2004. Poster presentation.

### **Other Lectures, Papers, Presentations**

House, Glenda. Teaching/Practice/Research Enhancement Workshops Attended:  
Our Campus Diversity Training, UA HR Training Series

King, John. Presentation - Human Service Workshop Series (Ft. Smith) - 12 workshops

King, John. Other workshops and presentations - Summer 2003 – Spring 2004 = 11

King, John. Arkansas Sociological and Anthropological Association Annual Meeting: Fall 2003:  
Arkadelphia, AR

King, John. In Proceedings of the Southwestern Social Work Association – 2004; “ Social Workers: The Death Penalty and Social Justice”

King, John. “Sociology and Social Work Education in Arkansas: Shot-gun Marriages, Hostile Divorces and They Lived Happily Ever After”.

King, John. Baccalaureate Program Directors Association Annual Meeting Fall 2003: “The Rabbi and The Heretic”

King, John. Arkansas Chapter of NASW Annual Conference: Spring 2004 – Ft. Smith, AR  
“Social Work Boundary Issues”

King, John. Southwestern Social Science Association Meeting Spring 2004: Corpus Christi, TX  
“Social Workers: The Death Penalty and Social Justice”

Reese, D., Melton, E., & Ciaravino, K. (2004, February). Programmatic barriers to providing culturally competent end of life care. Paper presented by Elizabeth Melton and Vaughn DeCoster at the Council on Social Work Education, Annual Program Meeting, Anaheim, CA.

Reese, D. (2004, March), with Braden & Smith. African American Access to Hospice: An interdisciplinary participatory action research project. Paper presented at the Clinical Team Conference, National Hospice and Palliative Care Organization, Las Vegas, Nevada.

Reese, D. (2004, March), with Butler & Wise-Wright. The Social Work Assessment Tool: Final Results. Paper presented at the Clinical Team Conference, National Hospice and Palliative Care Organization, Las Vegas, Nevada.



## Walton College of Business

### Books

Burton, Scot, Emerging Issues and Challenges in Public Policy, 2003 Marketing and Public Policy Conference, Washington, D.C., May 29-31, 2003, 181 pages (coeditor of conference book with Craig Andrews and Michael Mazis).

Hearth, Douglas and Janis Zaima. Contemporary Investments, (4<sup>th</sup> Edition). Mason, Ohio: Southwestern, 2003.

Kurtz, David, and Louis E. Boone. Contemporary Marketing, 11<sup>th</sup> edition. South Western. Mason, OH. © 2004. Released in 2003. 559 pages.

Kurtz, David, and Louis E. Boone. Contemporary Business, 11<sup>th</sup> edition, International Students Edition. Not for sale in the United States. South-Western. Mason, OH. © 2005. Released in late 2003. 622 pages.

Kurtz, David, and Ken Chow. Services Marketing: Operation, Management, and Strategy. 2<sup>nd</sup> edition. Atomic Dog Publishing, Cincinnati. © 2004. Released in 2003. 460 pages.

Kurtz, David and Louis E. Boone. The Impact of Terroism. South Western School Division. Mason, OH. © 2003. 74 pages.

Perrewe, PL. & Ganster, D.C. (Eds.). Research in occupational stress and well being. Vol. 3 emotional and physiological processes and positive intervention strategies. Amsterdam. 2003. Elsevier JAI.

### Chapters

Duffy, M.K., O'Leary-Kelly, A.M., & Ganster, D.C. Individual and Organizational Health. "Antisocial Work Behavior: Its Causes, Consequences, and Relationship with Employee Well-Being," In D.A. Hoffman & L.E. Tetrick (Eds.). Amsterdam. JAI. 2003.

Griffin, R.W., & O'Leary Kelly, A.M. "The Dark Side of Organizational Behavior". Josey Bass (PR). San Francisco, CA. 2004.

Murray, Tracy and Lasalle-de Salins, Maryvonne. "Role of Civil Society in Trade Negotiations: A Case Study of Food Safety Regulations," in Batteu and Fetherson (eds.) Social Responsibility: Corporate Governance Issues, Elsevier, 2003 (ISBN 0-7623-1025-1).

Reeves, C.a., Griffin, Ricky and O'Leary Kelly, A.M., In the Dark Side of Organization Behavior. When the Dark Side of Families Enters the Workplace: The Case of Intimate Partner Violence." Josey-Bass. 2004.

Thomas, Deborah, "Economic and Behavioral Determinants of Tax Compliance: Evidence from the 1997 Arkansas Tax Penalty Amnesty Program," with Christine Ritsema and Gary Ferrier, in *IRS Research Bulletin: Recent Research on Tax Administration and Compliance*, IRS Publication 1500, J. Dalton and B. Kliss, Eds., pp. 43-57 (IRS Statistics of Income Division, 2003).

Tiedt, P.D and Anand, V. Knowledge Self-Leadership: Copying with Business Environments of the Twenty First Century. In Manz, C.C. and Neck, C.P., *Mastering Self-Leadership: Empowering Yourself for Personal Excellence* (3e), Prentice Hall. 2003.

### **Refereed Articles**

Allen, M.W., Reid, M., Riemenschneider, C. (2004), The Role of Laughter When Discussing Workplace Barrier: Women in Information Technology Jobs, *Sex Roles A Journal of Research*, Vol. 50, Nos. ¾, pp 177-189.

Anand, V., Clark, M., and Zellmer-Bruhn, M., "Designing Work Teams: The Role of Knowledge Distribution." Journal of Managerial Issues. Vol. 15 (1). 2003. pp. 15-32.

Ashforth, Blake, & Vikas Anand. "The Normalization of Corruption in Organizations." In B. Staw and R.M. Kramer (Eds), Research in Organizational Behavior. Vol. 25. 2003. pp. 1-52 (Previously Reported).

Britton, Charles R., Ford, Richard K., and Gay, David E.R., "An Arid/Non-Arid Analysis of Wet/Dry-Brother Can You Spare a Dime," Forum of the Association for Arid Lands Studies. Volume 18, No. 1, Fall 2002, pp. 33-1.

Burton, Scot, Craig Andrews, Rick Netemeyer, D. Paul Moberg, and Ann Christiansen, "Adolescent Intentions to Smoke: An Examination of Relationships Among Social Influence, Prior Trial Behavior, and Anti Tobacco Campaign Advertising," *Journal of Marketing*, July, 2004.

Burton, Scot, and Judith Garrison, Highly Coupon and Sale Prone Consumers: Seeking to Understand Benefits Beyond Price Savings, *Journal of Advertising Research*, 43 (June, 2003), 162-172.

Burton, Scot, Thomas Jensen, Jennifer Siemens, and Norma Mendoza, Research Productivity in Prestigious Business Journals and Popular Press Business School Rankings: Divergence or Convergence? *Journal of Business Research*.

Burton, Scot, and Elizabeth Creyer, "What Consumers Don't Know *Can* Hurt Them: Consumer Evaluations and Disease Risk Perceptions of Restaurant Menu Items," *Journal of Consumer Affairs*.

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### **Unrefereed Publications and Proceedings**

Armstrong, D.J., Narayanan, V.K. (2003). Software Development Expertise: An Empirical Comparison Using Revealed Causal Maps. *Academy of Management*.

Armstrong, D.J., Narayanan, V.K. (2003). Juxtaposing Causal Mapping and Survey Techniques to Characterize Object Oriented Expertise. *Academy of Management*.

Armstrong, K., Lopez, A.V., Zhang, J. The Future of IT Outsourcing in Germany, *Global IT Management World Conference*.

Burton, Scot, Jennifer Christie, and Tom Jensen, "An Examination of Relationships Between Business School Research Performance Ratings and Undergraduate and MBA Program Rankings," 2002 AMA Winter Educators' Conference (2002), Chicago: American Marketing Association, 2002, pp. 186-187 (Abstract).

Burton, Scot, John Kozup, and Elizabeth Cryer, To Binge or Not To Binge: Findings Related to Bar Promotions and Alcohol Beverage Warnings on Consumer Attitudes and Consumption Expectations," European Applied Business Conference, 2002, pp. 165-166 (Abstract).

Clemons, C., Wilson, D., O'Leary-Kelly, S. (2003) Employee Acceptance of Formal Quality Processes. *Proceedings National DSI Conference*, Washington, D.C.

Cronan, T.P., Douglas, D., Jafar Ali (2003) Software Piracy Model Comparison – Results of New US and Kuwait Samples, *Proceedings for the Fourth Annual Global Information Technology Management (GITM) World Conference*, June 8 -10, 2003, Calgary, Canada.

Douglas, D.E. (one of five panelists) Proceedings. Panel: Theory and Frameworks in Global Information Systems: Implications for Theory and Practice: Global Information Technology (GITM) World Conference, *Global Information Technology Management Association*, June 8-10, 2003, Calgary, Canada, pp. 203.

Douglas, D.E., Cronan, T.P, Jafar, M.A., Proceedings. Software Piracy Model Comparison Results of New US and Kuwait Samples, Global Information Technology (GITM) World Conference, *Global Information Technology Management Association*, June 8-10, 2003, Calgary, Canada, pp. 203.

Gay, David E.R., Comments and Critique on Ernon Smith's 2003 Burkett Miller Distinguished Lecture, in "The Enterpriser," The Probasco Chair of Free Enterprise, University of Tennessee at Chattanooga, Fall 2003.

Jensen, Thomas, "An Examination of Relationships Between Business School Research Performance Ratings and Undergraduate and MBA Program Rankings," AMA Winters Educators Conference, Chicago: American Marketing Association, 2002, pp. 186-187 (Abstract)

Jones, T., Landram, F., Penney, W.E., Cooley, Pavur, R.J. (2004) The Creation of a SWDSI Journal. Southwest Decision Sciences Institute Annual Meeting, Orlanda, Florida.

Jones, T., Heizer, J.H., Hoffman, J.M., Jones, C., Landram, F., Penney, W.E. Strategies for Dealing With the Reduced Demand for Management Science in the Business Curriculum. *Proceedings of the Southwest Decision Sciences Institute*. March 2003, p. 553.

Jones, T., Jones, C., Hanna, M., Hoffman, J., Pavur, R.J., Penney, W.E. Strategies to Comply with New AACSB Criteria for Management Science. Southwest Decision Sciences Institute Annual Meeting, Orlando, Florida. (March 2004).

Jones, T., Foltz, C.B., Cronan, T.P. Student Awareness of University Computer Usage Policies: Is a Single Exposure Enough? *Proceedings of the Southwest Decision Sciences Institute*, Orlando, Florida (March 2004), pp. 293-299.

Kopp, Steven W. and Ka Zeng, "Patent Laws in China and Taiwan: Evolutionary and Revolutionary Developments in Intellectual Property," *New Directions for Public Policy: Proceedings of the 2002 Marketing & Public Policy Conference*, 2002, pp. 153-155.

Kopp, Steven W. and Jeff Langenderfer, "Copyright Protection for Databases: Does Information Really Want to be Free?" *New Directions for Public Policy: Proceedings of the 2002 Marketing & Public Policy Conference*, 2002, pp. 156-157.

Kopp, Steven W., John Kozup, and Tracy Suter, "Trademark Stratgey in the EU: Intellectual Property Systems and Impact on Strategy," *New Directions for Public Policy: Proceedings of the 2002 Marketing & Public Policy Conference*, 2002, pp. 133-134.

Kopp, Steven, W., and Brian L. Pullen, "Death Attitudes and Consumer Behavior: Purchasing 'End of Life' Goods," *Marketing Theory and Applications: Proceedings, American marketing Association Witner Educators' Conference*, 2002, pp. 273.

McKinney, V. (2003) Gauging Web Customer Satisfaction. University of Arkansas Research Frontiers, Spring 2003, p. 4.

Murray, Jeff B. and Cherrier, Helene, "Voluntary Simplicity: A New Social Movement Based on Individual and Collective Identity," in *Advances in Consumer Research*, Vol. 29 eds. Susan Broniarczyk and Kent Nakamoto, Provo, UT: Association for Consumer Research, working paper, 2002, pp. 245-247.

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Ozment, John and H. Barry Spraggins, and Doug Voss, "Unions, Costs and Productivity in the LTL Motor Carrier Industry," *Proceedings of the International Business and Economics Conference*, Las Vegas, NV, on CD ROM, October 7-11, 2002, paper. 355.

Ozment, John and H. Barry Spraggins, and Travis Tokar, "Owner-Operator Usage by Truckload Carriers: Effects on Productivity and Profitability," *Proceedings of the International Business and Economics Conference*, Las Vegas, NV, on CD ROM, October 7-11, 2002, paper 356.

Ozment, John and H. Barry Spraggins, "Shifting Truck Traffic to Rail Intermodal to Relieve Highway Congestion: Issues and Challenges," *Proceedings of the European Applied Business Research Conference*, Rothenburg, Germany, on CD ROM, June, 2002, Article 218.

Ozment, John, Vitaly Brazhkin, and Michelle Johnson, "Retailing in the Transition Economics: An Evaluation of Developing Retail Opportunities in Moscow," *Proceedings of the European Applied Business Research Conference*, Rothenburg, Germany, on CD ROM, June, 2002, Article 324.

Sleeth, R., Armstrong, K.R. (2003). Democracy in the Classroom. *Academy of Management*.

White, D., Rea, A., Glorfeld, L., Anderson, J. (2003). A Paradigm of Network Security Design: A Model for Teaching Network Security. *Decision Sciences Institute Annual Meeting*, 34 (413), 1-6.

White, D., Rea, A., Glorfeld, L.W. (2003). End User network Assessment Techniques. *Western Decision Sciences Institute*, 32 (1), pp. 393-395.



## **Invited Lectures**

Aloysius, John, Fred Davis, A. Taylor, Darryl Wilson, and Jeff Kotteman, “User Acceptance of Multi-Criteria Decision Analysis: The Impact of Preference Elicitation Techniques”, *Institute for Operations Research and the Management Sciences*, held in Atlanta Georgia, October 2003.

Armstrong, Deb – 2003: International Conference on Information Systems, Chaired the Session: Mechanisms that impact group learning and work. Seattle, Washington (International).

Davis, Fred – “User Preferences for Multi-Criteria Decision Support Systems,” University of Kansas, Accounting and Information Systems Workshop, April 2003.

Finn, Don W. May 21, 2004, “Accounting Ethics,” North American Petroleum Accounting Conference, Dallas, Texas.

Horowitz, Andrew. Fundacao Getulio Vargas, Rio de Janeiro Brazil, May. “Prisoners of Love, hate, and Indifference.”

Horowitz, Andrew. Instituto Brasileiro de mercados e Capitais (Ibmec), Rio de Janeiro, July. “Prisoners of Love, Hate, and Indifference.”

Horowitz, Andrew. Universidade Federal do Rio Grande do Sul O Programa de Pos-Graduacao em Economia (PPGE), July. “Prisoners of Love, Hate, and Indifference.”

Jandik, Tomas. “International Accounting Diversity and the Long-Term Success of Cross-Border Mergers.” 2003 *Asia-Pacific Conference on International Accounting Issues*, Bangkok.

Jensen, Thomas, “ESET: Evaluations of Teaching,” invited paper presented at the Society of Marketing Advances Doctoral Consortium, St. Petes, Florida, November 13, 2002.

Lee, Wayne and Ping Hsiao. “Analyst Expertise and Performance,” *Pacific Basin Finance, Economics and Accounting 11<sup>th</sup> Annual Conference*, Taipei, Taiwan (November 2003).

McKinney, Vicki “From Me to We: The Role of the Psychological Contract in Developing Shared Outcomes,” University of Oklahoma, Information Systems Department, October 2003.

Peters, Gary F. December 2003. *Auditi Committees and Corpoptate Governance* – Institute of Internal Auditors – Northwest Arkansas Chapter.

Peters, Gary F. December 9-10, 2003. *Financial Accounting Update Seminars* – Ralph McQueen & Companies, CPA and The Price Companies – Monticello AR.

Peters, Gary F. May 20-21, 2004. *Understanding FASB Interpretation 46: Consolidation of Variable Interest Entitites*. Twenty-Fourth Annual Accounting and Auditing Conference – Degray Lodge, Arkadelphia.

Rennie, Craig, Jeffrey T. Brookman and Saeyoung Change. "CEO Annual Compensation, Layoff Decisions, and Value Creation." *Southern Finance Association Annual Meeting*, (December 2003).

Rennie, Craig. "The Effects of Competition and Takeover Activity on Corporate Governance: Evidence from U.S. Electric Utility Deregulation." *Financial Management Association Conference*, Denver, (2003).

Rennie, Craig and Jeffrey T. Brookman. "Board Independence, Related Party Transactions and CEO Turnover." *Financial Management Association Conference*, (2003).

Rennie, Craig and Jeffrey T. Brookman. "CEO Incentives, Layoffs, and Shareholder Value: Evidence from Stock and Option Portfolios." *Southwest Finance Seminar*, Tulsa, (2003).

Wright, William F. April 2004. University of Waterloo, School of Accountancy.

### **Other Lectures, Papers and Oral Presentations**

Armstrong, Deborah, Sucheta Nadkarni, V. Narayanan, and Kay Nelson, "Advances in Causal Mapping: A Panel Discussion", *ACM SIG MIS/CPR*.

Armstrong, Ken, "Make Your Lecture Measurable and Effective", *University of Arkansas Bookstore Sponsored Technology Presentation*, held in Fayetteville, Arkansas, November 2003.

Anand, V., Luis R. Gomez-Mejia and Paul Tiedt. The effect of compensation design on executive information processing. Paper presented at the Annual Academy of Management Meetings in Seattle, 2003.

Britton, Charles A. with D.E.R. Gay and R.K. Ford. "The Political Economy of Interstate Wine Shipments: Concentrated Benefits and Diffused Costs," "Issues in Public Sector Economics" Economic Association meetings, November 22, 2003.

Britton, Charles A. with David E.R. Gay and Richard K. Ford. "Teaching the 'Goldilocks Theorem' and the Contrast in the Production of Private Goods and Public Goods," at the Fifth Conference on Economics and the Classroom Conference, Idaho State University Economics Department, Calvin K. Kazanjian Economics Foundation, Prentice-Hall and the Center for Teaching and Learning at Idaho State University, September 12, 2003.

Callahan, Carolyn M. Regulatory Compliance Cost: SAB 101 and Revenue Management in the Airline Industry. @with Marion McHugh (doctoral student) and Rodney Smith, University of Oklahoma, October 31, 2003.

Callahan, Carolyn M. "A Model and Test of Interfirm Innovation Diffusion: The Case of Discounted Cash Flow Techniques@ with Susan F. Haka, Michigan State University, presented at the AAA Annual Meeting, Honolulu, August 2003.

Callahan, Carolyn M. “Product Cost Systems: The Effects of IT Investment and External Market Information on Required Producted Cost Accuracy and Firm Profitability” with Rodney Smith and Ann Gabriel, presented at the AAA annual meeting, Honolulu, August 2003.

Callahan, Carolyn M. Panelist on “The Ideas and Principles of Marva Collins Applied to Accounting Education – A Discussion” at the AAA annual meetings, August 2003, Honolulu.

Duffy, M.K., Johnson, Jonathan L., Shaw, Jason D. Structural dynamics of social underminings at work. Society of Industrial and Organizational psychologists, 19<sup>th</sup> annual Conference, Chicago, Illinois.

Duffy, M.K., Shaw, J.D. & Johnson, J.L. The social structure of undermining. Academy of Management Annual Meeting, Seattle, Washington, August 2003.

Farmer, Amy. “Does the use of Final Offer Arbitration Impede Settlement?” presented at the Western Economics Association Meetings, Denver, 2003.

Farmer, Amy. “The Determinants of Public Service Provision for Domestic Abuse”, presented at the Southern Economics Association meetings, 2003.

Farmer, Amy, “Bargaining Over an Indivisible Resource: The Case of Child Custody,” presented at the Southern Econoimcs Association meetings, 2003.

Farmer, Amy and Paul Pecorino. “Pretrial Signaling with Negative Expected Value Suits”, presented at the American Law and Economics Association meetings.

Ferrier, Gary, “Structure, Performance, and Conduct in the Mutual Fund Industry: Some Implications for Banks” (with James Smalhout), at Corporate Governance: Implications for Finandial Services Firms, The 39<sup>th</sup> Annual Conference on Bank Structure and Competition, The Federal Reserve Bank of Chicago. May 2003.

Ferrier, Gary, Christina Ritsema and Deborah Thomas. “Economic and Behavioral Determinants of Tax Compliance: Evidence from the 1997 Arkansas Tax Penalty Amnesty Program.” At the 2003 IRS Research Conference, Washington, D.C., June 2003.

Ferrier, Gary. “The Effect of Strategic and Operational Decisions on Hospital Performance” at the 8<sup>th</sup> European Workship on Efficiency and Productivity Analysis, Ovideo, Spain, Sept. 2003.

Ganster, D.C. & Bates, C.A., Do long work hours decrease general well being and increase work-family conflict? Paper presented at the annual meeting ao fth eAcademy of Management, Seattle, WA., August, 2003.

Fay, David E.r., “A Market Alternative to Viticultural Appellations,” Association of Private Enterprise Education Meetings.

Gay, David E.R., “Active Learning and Electronic Advances in Principles of Economics,” Association of Private Enterprise Education meetings.

Gay, David E.R., Charles R. Britton and R.K. Ford. “The Political Economy of Interstate Wine Shipments,” Southern Economic Association meetings.

Gay, David E.R., and Thomas R. McKinnon. “Using Active Learning Techniques for Basic Economics,” Fifth Conference on Economics and the Classroom sponsored by Idaho State University Department of Economics, the Calvin K. Kazanjian Economics Foundation, Prentice-Hall, Aplia, and the Center for Teaching & Learning at Idaho State University.

Gay, David E.R., Charles R. Britton and Richard K. Ford. “Teaching the ‘Goldilocks Theorem’ and the Contrast in the Production of Private Goods and Public Goods,” Fifth Conference on Economics and the Classroom sponsored by Idaho State university Department of Economics, the Calvin K. Kazanjian Economics Foundation, Prentice-Hall, Aplia, and the Center for Teaching & Learning at Idaho State University.

Glorfeld, Louis and Doug White, “an Argument for Not Using Exploratory Factor Analysis as a Precursor to Confirmatory Factor Analysis”, *Decision Sciences Institute Annual Meeting*, held in Washington, D.C., District of Columbia, November 2003.

Hardgrave, Bill, “Research Programs – Panel”, *eBusiness Research Center Director’s Forum*, held in Dallas, Texas, October 2003.

Horowitz, Andrew and Andre Souza. Yale University NEUDC, October. Presented “Dispersion and Distortion of Intra-Household Human Capital in LDCs.”

Horowitz, Andrew, Brazilian Econometric Society Annual Meeting – Porto Seguro, Brazil, December. Presented “Prisoners of Love, Hate, and Indifference.”

Kali, Raja. “Social Embeddedness and Economic Governance: A Small World Approach.” Presented at Econometric Society Summer Conference, Kellogg School, Northwestern University, Evanston, June 2003.

Kali, Raja. “Social Embeddedness and Economic Governance: A Small World Approach.” Presented at Latin American and Caribbean Economic Association Annual Conference, Puebla, Mexico, October 2003.

Kali, Raja. “Social Embeddedness and Economic Governance: A Small World Approach.” Presented at European Science Foundation Exploratory Workshop held during Nobel Prize week on “Transition Meets Development: Understanding Large-Scale Institutional Change,” Stockholm School of Economics, Sweden. December 2003.

Leflar, Charles, Presentation at American Accounting Association “Effective Learning Strategies Forum Poster Session” on August 5, 2003 (Hawaii). “Concrete Steps to Increase Student Critical and Creative Thinking” (with Deborah Thomas).

Littrell, Rita. National Association of Economic Education Annual Conference – October 15-18, 2003. “Highlighting Your State’s Stake in the Global Marketplace,” University of Kansas Center for Economic Education, “Chocolate-Coated Economics and Technology.”

Littrell, Rita. National Council for the Social Studies Annual Conference – November 13-16, 2003. “Quilting Economics into the Fabric of Social Studies.”

McKinnon, Thomas. “Historical Origins of Constitutional Protection of Property Rights”, Federation of Business Disciplines, March 4-8, 2003, Houston, Texas.

McKinnon, Thomas, “The Effect of Attitudes on Cognitive Achievement in Basic Economics”, Association of Private Enterprise Education, April 6-8, 2003, Las Vegas, Nevada.

McKinnon, Thomas. “Market Economics Training for Teachers in Republics of the Former Soviet Union: Principles and Practices”, Association of Private Enterprise Education, April 6-8, 2003, Las Vegas, Nevada.

McKinnon, Thomas. “Experimental Economics and the Learning Paradigm: Preliminary Evidence from Classroom Practice”, Association of Private Enterprise Education, April 6-8, 2003, Las Vegas, Nevada.

McKinnon, Thomas, Teacher Training Programs to Promote Understanding of Market Economics in Post-Soviet Russia”, Academy of Business and Administrative Sciences, June 24-26, 2003, Vancouver, British Columbia.

Mendez, Fabio. Decomposing the relationship between corruption and income inequality” Sponsored by LACEA and the Economics Department.

Mendez, Fabio. Policy makers Preferences, Party Ideology and the Political Business Cycle.

Mosebach, Michael. Presentation at American Accounting Association, August 2003, “Monitoring as a Substitute for Debt Contracts,” with T. Carnes, E. Black, and S. Moyer.

Murray, Tracy. “The Influence of Civil Society in Setting International Food Safety Regulations,” presented at the annual meeting of the Global Business and Technology Association, with M. Lassalle-de Salin. Hungary, Budapest, July 2003.

Norwood, John. Presentation of a paper at the August 2003 Academy of Legal Studies in Business national meeting in Nashville: UCITA, UETA, and E-Signal, Oh My!

Peters, Gary F. August 2003. American Accounting Association Annual Meeting, Hawaii. *Corporate Governance Factors and Auditor Going Concern Assessments*. Susan Parker, Santa Clara University; Gary Peters, University of Arkansas; Howard F. Turetsky, San Jose State University.

Peters, Gary F. 2004. American Accounting Association Audit Section Midyear Meeting, Florida. Audit Committee Effectiveness and Internal Audit Outsourcing. Lawrence Abbott, University of Memphis, Susan Parker, Santa Clara University, Gary Peters, University of Arkansas, and Dasaratha V. Rama, Florida International University.

Pincus, Karen V. "Current Issues for the New CPA Exam and Fraud Education," American Accounting Association annual meeting, Honolulu, August 5, 2003.

Pincus, Karen V. "Teaching Fraud Prevention and Detection," Arkansas Society of CPAs First Annual Accounting Educators' Conference, Little Rock, May 17, 2004.

Karen V. Pincus, "The Future of the Accounting Profession and Accounting Students," Arkansas Society of CPAs First Annual Accounting Educators' Conference, Little Rock, May 17, 2004.

Reyes, Javier. "Exchange Rate Pass-through Effect, Inflation Targeting and Fear of Floating in Emerging Economics" Presented in the 73<sup>rd</sup> Annual Meeting of the Southern Economic Association in San Antonio, November 2003.

Shaw, J.D., Duffy, M.K. & Johnson, J.L. Embeddedness, social capital, ties, and turnover. Academy of Management Annual Meeting, Seattle, Washington, August 2003.

Shaw, J.D. & Gupta, N. Job Complexity, performance, and well being: When does supplies-values fit matter? Southern Management Association, New Orleans.

Shook, Carole. May 24, 2004, Presentation on May 24, 2004 of Real World Business Ethics (an AICPA Course) for the Arkansas Society of CPAs.

Shook, Carole. Poster Session at the August 2003 Effective Learning Strategies Forum entitled "Improving Course Ratings Through Motivating Students" at the American Accounting Association Annual Meeting.

Shook, Carole. April 2004 a paper that I am co-author on was presented at the Eastern Finance Association Meeting. The paper is entitled "Golden Parachutes as a Complementary Compensation to Stock Options."

Shook, Carole. Numerous presentations on academics to the sorority, Alpha Delta Pi, and fraternity, Sigma Alpha Epsilon, that I am a faculty advisor for.

Slattery, J. & Ganster, D.C. Positive and negative affect and performance outcome feedback influences upon strategic decision making. Paper presented at the annual meeting of the Decision Sciences Institute, Washington, D.C., November, 2003.

Smith, Rodney. August 2003. American Accounting Association (Hawaii). “Determinants of Customer Loyalty and Financial Performance” with William Wright.

Smith, Rodney. August 2003. American Accounting Association (Hawaii). “Product Cost Systems: The Effects of IT Investment and External Market Information on Required Product Cost Accuracy and Firm Profitability,” with Carolyn M. Callahan, and Ann Gabriel.

Stapp, Robert. “Negotiation Strategy for Voluntary Import Expansion” presented at the Southern Economic Association Annual Meeting, November 2003.

Thomas, Deborah. August 2003. “Threats Followed by an Amnesty Period: Characteristics of Taxpayers who Respond to this Compliance Strategy,” with Christina M. Ritsema and Tracy S. Manly, American Accounting Association Eighth Annual Professional and Ethics Conference, Honolulu, HI.

Thomas, Deborah. August 2003. “Concrete Steps to Increase Students Critical and Creative Thinking,” with Charles J.F. Leflar, American Accounting Association Effective Learning Strategies Forum, Honolulu, HI.

Thomas, Deborah. March-April 2004. Junior Achievement Personal Finance Course, Woodland Junior High, Fayetteville, Arkansas.

Thomas, Deborah. December 2003. Federal Tax Update, Arkansas Society of CPAs, Fayetteville, Arkansas.

Todd, John, “The Medical Center on Aging”, World Association for Case Method Research, held in Bordeaux, France, July 2003.

West, Tim. “The Economic Benefit of Goal Congruence and Implications for Management Control Systems,” with M. Bouillion, G. Ferrier, and M. Stuebs. AAA Management Accounting Conference poster session (January 2004)

West, Tim. “Spending Patterns with Lapsing Budgets: Evidence from US Army Hospitals,” with R. Balakrishnan and N. Soderstrom., presented at AAA Management Accounting Conference (January 2004).

### **Other Creative Endeavors**

Cole, John, “The New Rules for Business Dress,” hosted by the Walton College of Business Career Development Center, presented to 150 business students.

Creyer, Elizabeth, "The Impact of Corporate Behavior on Brand Equity," Presented at the Corporate Identity/Association research consortium, May 2003 at Oklahoma State University.

Kurtz, David, Doctoral Consortium: "Service to the Discipline" Marketing Management Association. Memphis, Tennessee, September, 2002.

Ozment, John, "Unions, Costs and Productivity in the LTL Motor Carrier Industry," presented at the International Business and Economics Conference, Las Vegas, Nevada, October 8, 2002.

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- Mulvenon, S., Newgent, R., Stegman, C., McKenzie, S., & Daniel, A. (2003). ACES Counseling Services at Lee and Westwood Schools: Effects on Students. Fayetteville, AR: Office of Research, Measurement, and Evaluation.
- Murphy, C. A. (2004). Teachers and Teaching Technology at the University of Arkansas: What's the Point?." *Relative to Teaching*. March 2004. Newsletter of the Wally Cordes Teaching & Faculty Support Center, University of Arkansas.

- Newgent, R., Farley, R., Robertson, J., Stephen, J., & Baker, C. (February 2004). University of Arkansas, counselor education program: Self-study. The Council for Accreditation of Counseling and Related Educational Programs [CACREP]. Alexandria, VA: CACREP.
- Newgent, R. (2004). Promoting counselor identity. Association for Counselor Education and Supervision – Professional Advocacy Activity. Available on-line: <http://www.acesonline.net/AdvocacyActivities.htm>
- Newgent, R. (2004). Promoting counselor identity. Chi Sigma Iota – Professional Advocacy. Available on-line: <http://csi.affiniscape.com/displaycommon.cfm?an=1&subarticlenbr=108>
- Newgent, R. (2004). Promoting counselor identity. Exemplar.
- Ochs, L., Roessler, R., (2004). Predictors of Career Exploratory Intentions: A social cognitive career theory perspective. *Rehabilitation Counseling Bulletin* 47, 224-233.
- Piper, L. & Watson, D. (2004). Selected proceedings of the 15<sup>th</sup> national conference of the Association of Late-Deafened Adults. Web site: <http://uark.edu/deafrtc.pdf>.
- Schroedel, J.G., Kelley, C. & Conway, P. (2003). Reaching the “invisible population:” Enhancing vocational rehabilitation and disability support services to hard of hearing college students. Proceedings of the Western Symposium on Rehabilitation and Deafness. Web site: <http://wou.edu/wrocc.WSRDConference2003>.
- Schroedel, J.G., Watson, D., Ashmore, D, & Rodriquez, R (2003). A national research agenda for the postsecondary career training of students with hearing loss: A forum for service providers. Proceedings of the Western Symposium on Rehabilitation and Deafness. Web site: <http://wou.edu/wrocc.WSRDConference2003>.
- Shadden, B. B. (2003). Small Group Discussions: Topics 1, 2, and 3. Summaries and recommendations from 14 discussion groups at the Annual Conference of the Council of Academic Programs in Communication Sciences and Disorders, Albuquerque, NM.
- Shadden, B., Di Brezzo, R. Measurement issues in predicting participation and outcomes in senior exercise programs. The 10<sup>th</sup> measurement and evaluation symposium: Measurement Issues and Challenges in Aging Research Proceedings. University of Illinois Urbana-Champaign, IL. Oc. 2003.
- Slaughter, S., & Biggs, B. T. (2003). Pre-K Early Literacy Learning in Arkansas (revised). Fayetteville, AR: University of Arkansas, Child Care and Early Childhood Education Projects. Instructor Manual and Participant Manual.

- Toner, M.A. (2003). Circumlaryngeal massage and laryngeal repositioning for treatment of hyperfunctional voice disorders. *Sound Expressions*, 3, 6-7.
- Toner, M.A. & Helmer, D. (2003). Group reading instruction for children with language impairments. *Advance for Speech-Language Pathologists and Audiologists*, 13, 9,19.
- Turner, L. W, Hunt, S. B., Lirgg, C. D., & Ferguson, R. H. (2004). Weight-control behaviors and fruit and vegetable intakes among adolescents: Results from a national survey. *Research Quarterly for Exercise and Sport*, 75 (1 Supplement).
- Watson, D., Boone, S. & Anderson, G.B. (2003). Improving vocational rehabilitation services for individuals who are deaf or hard of hearing. Briefing Book, NIDRR Formative Review for RRTCs. Little Rock, AR: University of Arkansas RRTC for Persons who are Deaf or Hard of Hearing.
- Watson, D., Boone, S. & Anderson, G.B. (2003). Improving vocational rehabilitation services for individuals who are deaf or hard of hearing. On-line Annual Report. Little Rock, AR: University of Arkansas RRTC for Persons who are Deaf or Hard of Hearing.
- Watson, D. & Piper, L. (Eds.). (2003). Selected proceedings of the 14<sup>th</sup> national conference of the Association of Late-Deafened Adults. Web site: <http://uark.edu/deafrtc.pdf>.
- Wills, F. (May 2004). What Might Have Been: Cross-Cultural Planning and Collaborative Evaluation, Symposium Presented at the Fifth International Conference on HRD Research and Practice, Limerick, Ireland.

### **Invited lectures**

- Anderson, G.B. (April 2004). Perspectives on black deaf culture. Invited presentation conducted at the Interpreter Education Program, University of Arkansas at Little Rock. Little Rock, AR. (31 students).
- Anderson, G.B. (March 2004). Everything you wanted to know about ASL and deaf culture but were afraid to ask. Invited presentation, Interpreter Education Program, University of Arkansas at Little Rock, Little Rock, AR. (15 students).
- Anderson, G.B. (February 2004). Little known facts about black deaf history. Invited presentation, Black History Month program, Philander Smith College, Little Rock, AR. (100 students and adults).
- Anderson, G.B. (October 2003). Perspectives on American sign language and deaf culture. Invited presentation, Interpreter Education Program, University of Arkansas at Little Rock, Little Rock, AR. (18 students).

- Anderson, G.B. (August 2003). Historical development of the state-federal vocational rehabilitation program. Invited presentation, New Employee Orientation Program, Arkansas Rehabilitation Services, Hot Springs, AR. (20 agency staff).
- Anderson, G.B. (July 2003). Finding your own path to success as a leader. Invited presentation, Youth Leadership Forum for Students with Disabilities, Arkansas Governor's Commission for People with Disabilities, Little Rock, AR. (50 youth with disabilities, family members, and agency staff).
- Anderson, G., Boone, S., & Watson, D. (October 2003). Vocational rehabilitation services and research in the new millennium. Invited presentation, Illinois Department of Rehabilitation Services, Springfield, IL. (25 rehabilitation professionals).
- Anderson, G., Boone, S., & Watson, D. (October 2003). Mapping the future of VR services to persons who are deaf or hard of hearing: Collaborative efforts between service providers and researchers. Invited presentation, Southeast Regional Institute on Deafness, Mobile, AL. (40 rehabilitation professionals).
- Anderson, G. B., & Dunn, L. (July 2003). Rehabilitation and education: Essential tools for liberation in a global world. Invited presentation, the world congress of the World Federation of the Deaf, Montreal, Quebec, Canada. (150 deaf participants).
- Anderson, G.B. & Dunn, L. (July 2003). Telling it on the mountain: Vignettes of successful black deaf persons. Invited presentation, the world congress of the World Federation of the Deaf, Montreal, Quebec, Canada. (200 deaf participants).
- Ballinger, Julie. SILC Congress, Phoenix. AZ. January 2004.
- Ballinger, Julie. Worlow, Kim. Emerging Leaders in the Disability Community, Oklahoma City, OK. February, 2004.
- Ballinger, Julie. Ability CIL; Board and Staff Training, Las Cruces, NM. April 2004
- Ballinger, Julie. Worlow, Kim. Emerging Leaders in the Disability Community, Casper, WY. September 2003
- Barta, K., Neighbors, M., Smith, R., & Holt, C., Perceptions of the Role of the School Nurse: Comparisons between Superintendents and School Nurses in Arkansas, Sigma Theta Tau International Honor Society of Nursing Biennial Conference, Toronto, Canada, November 2003.
- Biggs, B. T. with UA Pre-K ELLA trainers. Pre-K Early Literacy Learning Environment. Springdale, June The Nation's Network of Child Care Resource and Referral (NACCRRA) session (4 hours).

- Biggs, B. T. with UA Pre-K ELLA trainers. An Overview: Pre-K Early Literacy Learning In Arkansas. Hot Springs, October AR Early Childhood Association (AECA) Pre-Conference Session (3 hours).
- Biggs, B. T. with UA Pre-K ELLA trainers. Pre-K Early Literacy Learning In Arkansas. Chicago, IL, November, National Association for the Education of Young Children Pre-Conference Session (4 hours).
- Boone, S.E. ( October 2003). Overcoming stress. Invited presentation, annual conference of the Association of Late-Deafened Adults, Las Vegas, NV. (75 rehabilitation professionals and consumers with hearing loss).
- Boone, S.E. (August 2003). Contemporary practices in employment service delivery for persons who are deaf or hard of hearing: Louisiana rejuvenation! Invited presentation, Louisiana Rehabilitation Association, Baton Rouge, LA. (100 rehabilitation professionals).
- Boone, S.E. (July 2003). Section 21 projects underway at the University of Arkansas. Invited presentation, National Institute on Disability and Rehabilitation Research meeting on capacity building for Section 21 projects, Washington, DC. (25 professionals).
- Boone, S.E., Larew, S., & Watson, D. (October 2003) Shaping your future. Invited presentation, annual conference of the Association of Late-Deafened Adults, Las Vegas, NV. (30 rehabilitation professionals and consumers with hearing loss).
- Balkin, R. S., & Turner, R. C. (September 2003). Utilizing the Goal Attainment Scale of stabilization for adolescents in psychiatric hospitalization. Annual meeting for the Association in Assessment for Counseling and Education, Timonium, MD.
- Bonacci, J., Hendrickson, L. (2004). The Use of the otoscope in the athletic training clinical setting, Arkansas State Athletic Trainers Association, Jonesboro, AR, May 2004.
- Brescia, W.F., Swartz, J., Pearman, C., Williams, D., & Balkin, R. (May 2003). Peer Teaching in Web-based Threaded Discussions. American Educational Research Association, Annual Meeting, Chicago, IL.
- Brescia, W. F. & Murphy, C., and 4 graduate students (October 2003). Factors Effecting Educational Technology Self-efficacy in Preservice Teachers. Mid-South Educational Research Association, Biloxi, MS.
- Brescia, W.F. & Martindale, R. (November 2003). Grant Writing CD-ROM Production: Application of Instructional Design Models in Developing Philanthropic Learning Tools. NOVA, Denver, CO.
- Brescia, W.F. (July 2003). Proposal Writing for Educational Technology. Regional Technology Education Conference, Rogers, AR.



- Cochran, William. Ethics & Case Management, Oklahoma City, OK. November, 2003.
- Cochran, William. Neurological Disorders, Texas Blind Services, BridgeWorks Seminar, April, 2004.
- Daniel, A., Newgent, R., Stegman, C., Mulvenon, S., & McKenzie, S. (February 2004). All Children Excel in School (ACES): Evaluation of Social Service and Academic Interventions to Address “No Child Left Behind” Legislation,. Southwest Educational Research Association [SERA] 2004 Annual Meeting, Dallas, Texas.
- DeBasio, N., Kippenbrock, T., Jensen, D., & Siler, R., A Report from Task Force K on Recruitment and Retention of Nurse Educator, National League for Nursing Education Summit, San Antonio, TX, September 2003.
- Denny, G., & Young, M. (November 2003). Abstinence education programs that actually work? You’ve got to be kidding! Annual meeting of the Society for the Scientific Study of Sexuality, San Antonio, TX.
- Denny, G., & Young, M. (October 2003). The impact of an abstinence education program on student outcomes: Results of an 18-month followup. Annual meeting of the American School Health Association, El Paso, TX.
- George, Carri. Tribal VR Training Conference, Lake Texoma, OK. August 2003.
- George, Carri. 2004 Texas State Independent Living Conference, Lubbock, TX. March 2004.
- Gohn, L. (November 2003) Student Spirituality, NASPA national conference, New Orleans
- Gohn, L. (December 2003) Guess Who’s Coming to College, Arkansas ACPA Conference, Eureka Springs, Nov. 2003
- Hagstrom, F. Creating the Subject, Roundtable on Identity and Clinical Discourse, University of Rhode Island, RI (May 2004).
- Hammons, J. O. (April 2003). AACC’s focus on leadership: One program’s response. Annual Conference of the Council for the Study of Community Colleges, Dallas, Texas.
- Hammons, J. O. (July 2003). Myths and misconceptions about leadership and management. Invited speaker at the first Summer Leadership Institute of the American Association of Community Colleges. Pittsburg, Pennsylvania. (See Appendix III.K.5)
- Hammons, J. O. (July 2003). Effective strategies for developing mid-level managers. Invited feature speaker at the Research Universities Section of the National Association of College and University Business Officers, Gaylord Opryland, Nashville, Tennessee. (See Appendix III.K.6)

- Hammons, J. O. (July 2003). Effective strategies for developing mid-level managers. Research Universities Section of the National Association of College and University Business Officers, Gaylord Opryland, Nashville, Tennessee.
- Hammons, J. O. (November 2003). T + I + P = O or T + I + P = T? Annual Lilly Conference on College Teaching, Oxford, Ohio.
- Hammons, J. O. (November 2003). Steps to follow in developing a faculty performance appraisal plan that works. Annual Lilly Conference on College Teaching, Oxford, Ohio.
- Hill, V. J., Hughes, J. S., & Langsner, S. J. (2004). Adventures in an outdoor learning laboratory. Seventh Biennial Coalition for Education in the Outdoors Research Symposium, Bradford Woods Outdoor Education Center, Martinsville, IN, January 10, 2004.
- Holt, C. R., De Vore, J. B., Denny, G. S., Smith, R. M., & Cambiano, R. L. (August 2003). Learning preferences of 3<sup>rd</sup> and 4<sup>th</sup> grade students in northwest Arkansas. Annual meeting of the National Council of Professors in Educational Administration, Sedona, AZ.
- Hughes, Mary F. (August 2003). Index of Fiscal and Academic Efficiency of the Public School Districts of Arkansas. Arkansas Association of School Administrators, Executive Board, Little Rock, AR
- Hughes, Mary F. (September 2003). Index of Fiscal and Academic Efficiency of the Public School Districts of Arkansas Executive Board, North Little Rock
- Hughes, Mary F. (September 2003). Index of Fiscal and Academic Efficiency of the Public School Districts of Arkansas Small and Large School Districts, AASA, Fayetteville, Arkansas.
- Langsner, S. J., & Brescia, W. Leading discussion: Let others talk too. University of Arkansas's Wally Cordes Teaching & Faculty Support Center Retreat on Teaching, Eureka Springs, AR, July 2003.
- Leckner, Lee. Youth Leadership Forum, Conway, AR. July 2003.
- Leckner, Lee. Focus: Achieving Your Highest Priorities, Hot Springs, AR, August 2003 Seminar.
- Leckner, Lee. Focus: Achieving Your Highest Priorities, Hot Springs, AR, September 2003.
- Leckner, Lee. Communication Skills Training, Baton Rouge, LA, September 2003.
- Leckner, Lee. Focus: Achieving Your Highest Priorities, Little Rock, AR September 2003.
- Leckner, Lee. Employment Outcomes Training, Little Rock, AR. September 2003.

- Leckner, Lee. FOCUS: Achieving Your Highest Priorities, Little Rock, AR, October 2003.
- Leckner, Lee. Communications Skills Training, Lafayette, New Orleans, and Lake Charles, LA, October 2003.
- Leckner, Lee. Communication Skills Training, Monroe and Shreveport. LA, November 2003.
- Leckner, Lee. FOCUS: Achieving Your Highest Priorities, Hot Springs, AR, March 2004.
- Leckner, Lee. ARS Support Staff Conference "Everyday Creativity," Little Rock, AR, April 2004.
- Leckner, Lee. Self Employment, Little Rock, AR, June 2004.
- Mann, E., Biggs, B. T., & Zimmerman, A. Writing for the ATEA Journal. Nashville, TN, April, American Technical Education Association Conference Workshop (1½ hours).
- Miller, Jeanne. Vocational Implications of Specific Disabilities: Chronic Pain BridgeWorks Seminar, October 2003
- Miller, Jeanne. National Rehabilitation Education Conference: Region 6 Marketing and Recruitment Initiative, Washington, DC. October 2003
- Miller, Jeanne. ARS Support Staff Conference: Your Signature Strengths, Little Rock, AR. April 2004
- Miller, K.R. (2003, May). Rehabilitation behind bars: Integrated approaches to service delivery for deaf offenders. Invited presentation, biennial national conference of the American Deafness and Rehabilitation Association, East Rutherford, NJ. (40 vocational rehabilitation professionals).
- Miller, M. T. (October 2003) How did we do? The story of an orientation assessment. National Orientation Directors Association Annual Conference, Seattle, WA (with Dr. D. Nadler).
- Miller, M. T. (September 2003). Shared governance and intercollegiate athletics: Strategies for a more effective partnership. Missouri Valley Research in Education Society Annual Meeting, Cape Girardeau, MO (with Dr. R. Newman)
- Miller, M. T. (October 2003). Writing for professional development and personal growth. National Orientation Directors Association Annual Conference, Seattle, WA (with Dr. D. Nadler, C. Hatch, and D. Johnson)
- Miller, M. T. (December 2003). Assessment of student affairs functions: Lessons for orientation and transfer programs. Tulane University Division of Student Affairs, New Orleans, LA (with Dr. D. Nadler).

- Miller, M. T. (October 2003). Discussant, Designing Successful Transitions Panel, National Orientation Directors Association, Seattle, WA.
- Miller, M. Dr. D. Nadler, C. Hatch, and D. Johnson (October 2003) Writing for professional development and personal growth. National Orientation Directors Association Annual Conference, (invited presentation) Seattle, WA)
- Miller, M. & Nadler D. (December 2003) Assessment of student affairs functions: Lessons for orientation and transfer programs. Tulane University Division of Student Affairs (invited workshop), New Orleans, LA
- Mulvenon, S., Ritter, G., & Stegman, C. (2003). Test Anxiety: A Multifaceted Study on the Perceptions of Teachers, Principals, Counselors, Students and Parents. Manuscript accepted for presentation at the Annual Conference of the American Educational Research Association, April, 2002.
- Mulvenon, S., Stegman, C., Ganley, B., & McKenzie, S. (2003). Little Rock School District Revisited: Is Desegregation Working? Annual meeting of the American Educational Research Association, Chicago, IL April.
- Murphy, C, & Martindale, R. (March 2004). Electronic tools for technology evaluation, assessment, and planning. Annual conference for the Society for Information Technology and Teacher Education, Atlanta, GA.
- Murphy, C. (August 2003). Lessons we can learn from the Internet: Finding, evaluating, and implementing online lesson plans. Feature workshop session for the Regional Technology in Education Conference, Rogers, AR.
- Neighbors, M. and Barta, K., The School Nurse Summer Institute: A Model for Professional Development, Sigma Theta Tau International Honor Society of Nursing Biennial Conference, Toronto, Canada, November 2003.
- Nafukho, F. M. "Africa Growth and Opportunity Act: A New Path to Africa's Recovery" Invited as a panelist by the Council for the Development of Social Sciences Research in Africa during its 30<sup>th</sup> Anniversary. Dakar, Senegal, December 2003.
- Newgent, R. (November 2003). Back Off Bully. Asbell Elementary School, Fayetteville, Arkansas.
- Newgent, R. (November 2003). Learning to Think Like a Supervisor. Arkansas Counseling Association Annual Conference, Hot Springs, Arkansas.
- Newgent, R. (November 2003). Legal Liability in Clinical Supervision. Arkansas Counseling Association Annual Conference, Hot Springs, Arkansas.

- Newgent, R., Davis, H., & Farley, R. (April 2004). Supervisors' -in-Training Perceptions of Individual, Triadic, and Group Models of Supervision. American Counseling Association [ACA] 2004 World Conference. Kansas City, Missouri.
- Oehlers, Leon. Intro to Professional Ethics for Rehabilitation Counselors, Baton Rouge, LA, August 2003
- Oehlers, Leon. LA Rehabilitation Association Conference: A Guide for Decision Making, Baton Rouge. LA. August 2003
- Oehlers, Leon. Region 6 RCEP Information and Resources, Fayetteville. AR, October 2003
- Oehlers, Leon. SAILS Board of Directors Training, San Antonio, TX, November 2003
- Oehlers, Leon. NCRE Conference -Region 6 Marketing & Recruitment, Tucson, AZ, February 2004
- Oehlers, Leon. Rehabilitation Legislation: ADA and the Rehabilitation Act, Albuquerque, NM, April 2004
- Paladino, D., & Newgent, R. (November 2003). Supporting the Multiracial Child: Salient Issues, Themes, and Counseling Strategies. Arkansas Counseling Association Annual Conference, Hot Springs, Arkansas.
- Pottenger, Paula. Career Ladder Consultation, Oklahoma City, OK, August 2003
- Pottenger, Paula. Vocational Implications of Specific Disabilities: Deaf-Blindness, BridgeWorks Seminar, December 2003.
- Ritter, G. W., Lucas, C. J. (November 2003). Implementing the No Child Left Behind Act. Association for Public Policy and Management, Washington, D.C.
- Schroedel, J. ( April 2004). Reaching the “invisible population” of hard of hearing adults in Main Street America. Paper presented at the meeting of the Inter-agency Committee on Disability Research, Washington, DC. (120 researchers on disability issues).
- Schroedel, J., Watson, D., & Ashmore, D.H. (April 2004). How many hard of hearing and deaf college students are there? Implications for program planning from a demographic update: A public forum. Invited presentation, biennial conference of the Postsecondary Education Network, Pittsburgh, PA. (60 college support service providers).
- Shadden, Barbara. “Assessment and Intervention with Older Adults Using the ICF Framework (ICF). (November 2003). Short course co-presented with T. Threats and C. Vickers at the Annual Convention of the American Speech-Language-Hearing Association Convention, Chicago, IL.

- Shadden, Barbara. "PUSH: Project Urging Senior Health." (November 2003). Lecture co-presented with R. DiBrezzo, I. Fort, and M. Powers at the Annual Partnerships for Aging Regional Conference, Tulsa, OK.
- Shadden, Barbara. "Making It Happen – Using Community Resources to Serve Underserved Seniors. (November 2003). Interchange co-presented with R. DiBrezzo, I. Fort, and M. Powers at the Annual Partnerships for Aging Regional Conference, Tulsa, OK.
- Shadden, Barbara. "Aphasia as Identity Theft: Lessons Learned the Hard Way." (May,2004). Keynote address to the annual Clinical Aphasiology Conference, Park City, UT.
- Shadden, Barbara. "Avoiding Caregiver Burnout." (June 2004). Keynote address to the National Aphasia Association Conference, Tampa, FL. Miller, M. T. (October 2003). Applying reflective learning in a college level computer survey course to reduce computer anxiety: Results and effective strategies. Association for Educational Communications and Technology Annual Convention, Anaheim, CA (with Dr. M. Lu and Dr. L. Chen)
- Smith-Blair, N., Dobutamine's Effect on Diaphragm Fatigue, Poster presentation at the Friends of the National Institute of Nursing Research (NINR), Washington, DC, September 2003.
- Smith-Blair, N., The Effect of Dobutamine on Contractility, Oxidative Stress and Lipid Peroxidation, Southern Nursing Research Society's Annual meeting, Louisville, KY, February 2004.
- Stephen, J. (March 2004) "Good Intentions are Not Enough: Active Listening Skills for Advisors" presented at Arkansas Academic Advising Network, Fayetteville, AR.
- Stephen, J. & Rye, C. (May 2004)"Restorative Yoga: Benefits to Clients and Counselors", at Arkansas Mental Health Counselors Association, Little Rock, AR.
- Swartz, J., & Denny, G. (April 2004). A survey of best practices for project-based instruction using Internet resources and computer-based multimedia in Arkansas. Annual meeting of the American Educational Research Association, San Diego, California.
- Turner, L. W. (2003). Nutrition assessment for athletes: Guidelines for health professionals. National Athletic Training Association Annual Meeting and Clinical Symposia, St. Louis, MO.
- Turner, L. W. (2003). The role of diet in osteoporosis prevention. University of Arkansas Medical Sciences, Nutrition Department, Little Rock, AR.
- Turner, R. C., Salamo, G., & Vickers, K. (December 2003). Student Psychosocial and Creativity Characteristics in a Physics Program Using a Cohort Methodology. Poster presented at the annual Project Directors' Meeting for the U.S. Department of Education Fund for the Improvement of Post-Secondary Education, Denver, CO.

- Turner, R. C., & Ritter, G. (April 2004). Does the impact of preschool childcare on cognition and behavior persist throughout the elementary years? Accepted for presentation at the annual meeting for the American Educational Research Association, San Diego, CA.
- Watson, D., Anderson, G., & Paris, D. (2003 July). Building a better future for deaf Americans. Invited presentation, biennial convention of the Arkansas Association of the Deaf, Little Rock, AR. (200 consumers and service providers).
- Watson, D., Bakke, M., Harkins, J., & Boone, S. ( October 2003). Innovative technology applications to enhance rehabilitation services and outcomes. Invited presentation, annual conference of the Association of Late-Deafened Adults, Las Vegas, NV. (80 consumers with hearing loss and service professionals).
- Williams, T. L., Turner, R. C., & Hulett, L. (April 2004). Parents' perceptions of their students' attitudes about science and mathematics. Accepted for roundtable presentation at the annual meeting for the American Educational Research Association, San Diego, CA.
- Williams, T. L., & Turner, R. C. (April 2004). Personality and learning style differences between multidisciplinary and traditional engineering graduate students. Accepted for roundtable presentation at the annual meeting for the American Educational Research Association, San Diego, CA.
- Young, M., Denny, G., & Bailey, W. (November 2003). Correlates of adolescent sexual behavior and behavioral intent. Annual meeting of the Society for the Scientific Study of Sexuality, San Antonio, TX.

### **Other Lectures and Oral Presentations**

- Barta, K., Neighbors, M. Clinic Issues, Third School Nurse Summer Institute, AHEC-NW. August 2003.
- Buron, B. The Use of Personal Digital Assistants (PDAs) in the Nursing Profession. Annual Arkansas Student Nurse Convention in Little Rock, Arkansas. October 2003.
- Kippenbrock, T. Family health today: Nursing shortage in NWA. Jones Television Network. Springdale, AR, June 2004.
- Lawson, G. Teaching ABI's in Health Assessment: The Other Vital Sign, UAMS College of Nursing Nurse Educator Conference, Little Rock, AR, June 2004.
- Lawson, G. Peripheral Arterial Disease: Sign, Symptoms, and Treatment Options. Arkansas Nursing Meadows, C. Examination of Ears, Nose, Throat, Heart & Lungs, Arkansas Athletic Training Association Annual Meeting: Physical January and May 2004.
- Neighbors, M. and Boyer, M. Using Humor in the Classroom, TFSC Teaching Camp, Eureka Springs, AR. August 2003.

Neighbors, M. and Barta, K. The School Health Index, School Nurse Summer Institute, Fayetteville, AR. August 2003.

Selby, A. Freedom from Stigmatization of Mental Illness, presented at the first annual "Freedom Fest" sponsored by Community Access Television. July 2003.

Selby, A. Current Issues in Mental Health Care: Is Stigma Part of This Picture?, Arkansas Nursing Student Association State Convention, Little Rock, AR. October 2003.

Selby, A. Targeted Aggression Control Training, Northwest Medical Center. February, March, November, December 2003.

### **Invited Presentations**

Agan, J. P. & Hagstrom, F. Exploring a dialogical approach to spoken language with aphasics. Platform paper. Clinical Aphasia Conference, Park City, UT (May 2004)

Anders, M., Turner, L., Wallace, L., Young, M. (2004). Smoking and osteoporosis risk among men: Results from a national survey. American Academy of Health Behavior Annual Conference, Sedona, AZ, February 2004.

Bartley, S., Turner, L., Hunt, S., Lirgg, C. (2003). Physical activity of Arkansas youth compared with United States youth. Presented at the Arkansas Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Eureka Springs, AR.

Anderson, G., Boone, S., & Watson, D. (Oct. 2003). Mapping the future of VR services to persons who are deaf or hard of hearing through collaborative efforts between researchers and service providers. Poster at the SERID. Mobile, AL.

Anderson, G., Boone, S., & Watson, D. (Oct. 2003). Vocational rehabilitation services and research in the new millennium. Invited presentation at the Illinois Rehabilitation Services, Springfield, IL.

Boone, S. (July). Section 21 projects underway at the University of Arkansas. Presentation at NIDRR research capacity building: Section 21 Projects, Washington, D.C.

Boone, S. (Aug. 2003). Contemporary Practices in Employment Service Delivery for Persons who are Deaf or Hard of Hearing. Louisiana Rejuvenation! Louisiana Rehabilitation Association's Annual Training Conference Baton Rouge

Boone, S. (Oct., 2003). Rehabilitation intervention through technology. Presentation in Watson, D.W. (Moderator), Boone, S. Bakke, M. & Harkin, J. Innovative Technology Applications to Enhance Rehabilitation Service and Outcome. Workshop at the Association of Late Deafened Adults Las Vegas, NV.



- Boone, S. Larew, S. & Watson, D. (October, 2003). Shaping your Future. Invited workshop at the Association of Late Deafened Adults Las Vegas, NV.
- Boone, S.E. (Oct., 2003). Overcoming Stress. Workshop at the Association of Late Deafened Adults Las Vegas, NV.
- Bonacci, J., Plant, J., & Van Lunen. The relationship between graduate athletic training students: Learning styles preferences and demographic qualities. NATA Convention, St. Louis, MO, July 2003.
- Bonacci, J. Incorporating learning styles in athletic training clinical education. NATA 54<sup>th</sup> Clinical Symposium Abstracts, Session 27, pg. 219, July 2003.
- Brown, B. S. (2004). Current trends in exercise programming an its incorporation into a community-wide setting. Leadership Fayetteville Committee and Fayetteville Chamber of Commerce, Fayetteville, AR.
- Brown, B., Gorman, D., DiBrezzo, R., Fort, I., Cho, H. (2003). Variability in explosive power and effects of stature during aging process. American College of Sports Medicine Annual Meeting, San Francisco, CA, May 29, 2003.
- Brown, B., Gorman, D., & Ferguson, R. Discerning abdominal strength and endurance and its association with recurrent injury in female athletes, VIIth IOC Olympic World Congress on Sport Sciences, Athens, Greece, October 2003.
- Cazer, E., Gray, M., Di Brezzo, R., & Fort, I. The effects of exercise on body composition and bone mineral density among middle-aged women. Central States ACSM Proceedings, Kansas City, MO, October 2003.
- Colliler, M. (2004), Presentation at the Winter Celebration for Great Expectations of Arkansas, College of the Ozarks, Clarksville, Arkansas. Focus on using Children's Literature as vehicle for integrating the arts throughout the curriculum.
- Collier, M. (2004). Presentation at the Nadine Baum Arts Center for A+ Schools Project, University of Arkansas, Fayetteville. Focus on the works of African American artist Jacob Lawrence as adapted for children and youth literature by author Walter Dean Myers.
- Collier, M. (2004). Presentation at National Youth At Risk Conference, Savannah, Georgia sponsored by Georgia Southern University, Statesboro. Focus on utilizing African American children's literature as a teaching tool for effective literacy and a means of providing more culturally relevant curriculum.

- Collier, M. (2004). Presentation at the Alpha Kappa Alpha Sorority, Inc. Gamma Omicron Chapter Reunion at Tougaloo College, Jackson, Mississippi. Featured presenter and community service facilitator for the Read-Aloud Project working with local children and adults to expose them to culturally relevant methodology and materials to develop and enhance interest and skills in literacy.
- Conn, H., & Gorman, D. Effect of cup stacking on reaction time, movement time, and ambidexterity in fourth grade students. Arkansas Association for Health, Physical Education, Recreation and Dance Conference, Eureka Springs, Arkansas. November 2003.
- Denny, G., & Young, M. Evaluation of an abstinence education curriculum series: Sex can wait. Paper presented at the 2003 Annual Meeting of the American School Health Association, El Paso, TX, October 2003.
- Di Brezzo, R., Shadden, B., Fort, I., & Powers, M. Making it happen — Using community resources to serve the underserved seniors. Partnerships for Aging, Tulsa, OK, November, 2003.
- DiBrezzo, R. & Hunt, S. B. (2003). Career life development in academia: The newly wed and the nearly dead. Presented at the Arkansas Association of Health, Physical Education, Recreation and Dance, Eureka Springs, AR.
- Di Brezzo, R., Shadden, B., Fort, I., & Powers, M. PUSH — Project urging senior health. Partnerships for Aging, Tulsa, OK, November, 2003.
- Di Brezzo, R., Ferguson, R. Anaerobic power production of female athletes using modified ascent methods for the Margaria-Kalamen power test. The 10<sup>th</sup> Measurement and Evaluation Symposium: Measurement Issues and Challenges in Aging Research, University of Illinois Urbana-Champaign, IL, Oct., 2003.
- Di Brezzo, R., Fort, I., & Shadden, B. Developing community and campus physical activity programs for older adults: PUSH – Project urging senior health. AAALF/Council on Aging and Adult Development, American Alliance for Health, Physical Education, Recreation and Dance, National Meeting, New Orleans, LA, April 2004.
- Di Brezzo, R., Shadden, B., Boone, S. (2003). Challenges of aging with hearing loss: Managing potentially negative interactions between sensory impairment and other age changes. International American Meeting of SHHH, Atlanta, GA.
- Donnelly, J., & Young, M. (2003). Attitudes of rural public school students to the A-H in abstinence education. Paper presented at the 2003 Annual Meeting of the American Public Health Association, San Francisco, CA.

- Ferguson, R., Mullikin, T. & Riggs, C. E. 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, Savannah, GA, February 2003.
- Ferguson, R. H. & Mayhew, J. L. Validation of a 7-10-RM bench press test to predict maximum bench press strength. Poster submitted for presentation at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.
- Ferguson, R. H. & Hunt, D. Fly Fishing in the Schools. Oral presentation at the annual meeting of the Arkansas Association of Health, Physical Education, Recreation, and Dance, Eureka Springs, AR, November 2003.
- Fikes, L., Young, M., & Denny, G. The relationship of general body image to components of sexual body image. Presented at the 2004 Mid-Continent/Eastern Regions Meeting of the Society of the Scientific Study of Sexuality, Madison, WI, June 2004.
- Ford, M. A., Turner, L. W., Mauromoustakos, A., & Bass, M. A. (2003). Body composition's effects on bone mineral density among college-aged women. American Alliance for Health Physical Education, Recreation and Dance Annual Conference, Philadelphia, PA.
- Gorman, D., Brown, B., & Ferguson, R., Decker, D. Abdominal strength vs. endurance and its relationship to low back injury among university football athletes, VIIth IOC Olympic World Congress on Sport Sciences, Athens, Greece, October 2003. Note: Prince de Merode Award Finalist.
- Graening, J. (February 2004). African american involvement in the modern olympic games. Oral presentation at National Association for African American Studies Conference, Houston, TX
- Hagstrom, F., Shadden, B., Knotts, S., & Glenn, C. Formative Assessment Using Metacognitive Tools in Clinical Education. Seminar Session. American Speech-Language-Hear Association Convention, Chicago, IL (November 2003).
- Hagstrom, F. & Harrison, M. B. Computer Literacy for Children With and Without Learning Disabilities. Poster. American Speech-Language-Hearing Association Convention, Chicago, IL (November 2003).
- Hagstrom, F. & Agan, J. Dialogical Approach to Language and Literacy. Poster. American Speech-Language-Hearing Association Convention, Chicago, IL (November 2003).
- Hagstrom, F. Talk and Task Mastery. Paper. The International Clinical Phonetics and Linguistics Association, Conference 10, Lafayette, LA (February 2004).
- Hickey, C., Oldham, C. & Riggs, C. E. (2003). College Showcase. Honors College Convocation Presentation

- Hoyt, G. L., Fort, I. L., & Duncan, L. K. Effects of hypohydration on cardiovascular and subjective responses in healthy smokers and nonsmokers during exercise. Research Consortium, American Alliance for Health, Physical Education, Recreation and Dance, New Orleans, LA, April 2004.
- Imbeau, M.B. (July 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to Hodgenville Schools. Hodgenville, KY.
- Imbeau, M.B. (July 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to Williams County Schools. Nashville, TN.
- Imbeau, M.B. (July 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to First Annual Institute for Teachers of Gifted Youth at the University of South Dakota, Vermillion, SD.
- Imbeau, M.B. (July 2003). Managing a differentiated classroom. Presentation to the Summer Institute for Academic Diversity, the University of Virginia, Charlottesville, VA.
- Imbeau, M.B. (July 2003). Getting started with differentiation. Presentation to the Summer Institute for Academic Diversity, the University of Virginia, Charlottesville, VA.
- Imbeau, M.B. (July 2003). Instructional strategies for academically diverse learners: A look at differentiation. Course taught to Edufest: Idaho's Gifted Education Conference at Boise State University, Boise, ID.
- Imbeau, M.B. (August, 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to Memphis City Schools, Memphis, TN.
- Imbeau, M.B. (August 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to the New School faculty, Fayetteville, AR.
- Imbeau, M.B. (August September, October, December 2003). Meeting the needs of diverse learners with differentiated instruction and related topics. Presentation to Wayne Township Schools, Indianapolis, IN.
- Imbeau, M.B. (September 2003). Understanding by design: Creating quality curriculum for the middle school. Presentation to the Middle School Grant Schools of Ft. Worth Independent School District, Ft. Worth, TX.
- Imbeau, M.B. (October 2003). Development of differentiated lessons/units for gifted students based on Idaho state standards. Presentation to the From Standards to Solutions: Putting Principles into Practice, the Council for Exceptional Children Idaho State Conference. Sun Valley, ID.

- Imbeau, M.B. (October 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to the Princeton City Schools, Cincinnati, OH.
- Imbeau, M.B. (October 2003). Quality teaching and differentiation: Is there a fit? Keynote presentation to Mountain Lakes School District, Mountain Lakes, NJ.
- Imbeau, M.B. (October 2003). Instructional strategies for academically diverse learners: A look at differentiation. Presentation to Warrenton County School District, Warrenton, GA.
- Imbeau, M.B. (October 2003). Guiding students independent investigations. Presentation to the Dallas Independent School District, Dallas, TX.
- Jones, C., Turner, L. W. Non-equipment exercise-related injuries among women 65 and older: Emergency department visits from 1994-2001, Seventh World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.
- Jones, C., Turner, L. W. Osteoporosis knowledge, attitudes, and behaviors of women participating in an osteoporosis prevention intervention. Seventh World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.
- Jones, C., Anders, M., & Turner, L. W. Risk factors for osteoporosis among men: Results from a national survey, Seventh World Conference on Injury Prevention and Safety Promotion, Vienna, Austria, June 2004.
- Jones, C., Perry, B.A., Turner, L. W., Bleeker, J. Predictors for perceived health status among older adults: Results from a national study. American Academy of Health Behavior Scientific Meeting IV, Sedona, AZ, March 2004.
- Kern, J., Mears, D., & Hunt, S. Measuring quality teaching. ArATE/ArACTE Fall Conference, Conway, Arkansas, September 2003.
- Kern, J. & Calleja, P. Establishing a K-12 physical education partnership. National Physical Education Teacher Education Conference, Baton Rouge, LA, October 2003.
- Lefever-Davis, S., Making classroom libraries an integral part of your reading program. Presented at On the Border Reading Council. Ft. Smith, September 2003.
- Ludwig, L., Turner, L. W. (2004). Patient education practices among bone densitometry technologists. IOF World Congress on Osteoporosis, Rio de Janeiro, Brazil.
- Martin, D. E., Shinnen, H., Johnson, K. E., & Riggs, C. E. (2003). Changes in muscle function induced by high and low intensity exercise in vldc deficient female mice. American College of Sports Medicine Annual Meeting, San Francisco, CA.

- Martin, D. E., Kissinger, E. A., & Riggs, C. E. FACSM. Exercise and skeletal muscle function in vlcad deficient female mice. ACSM Annual Meeting, Indianapolis, IN, June, 2004.
- McGee, & Savin, M. ( July 2003). Research in the university classroom. Invited presentation at the Teaching and Faculty Support Center Summer Teaching Camp.
- McGee, C.D. (March 2004). Differentiated instruction: Meeting all children's need. Workshop presented at Fort Worth Independent School District.
- McGee, C.D. (April 2004). Differentiated instruction: Meeting all children's need. Workshop presented at Fort Worth Independent School District.
- McGee, C.D. (June 2004). Creating multicultural classrooms. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- McGee, C.D. (June 2004). Teaching writing through writer's workshop. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- McGee, C.D. (June 2004). Building classroom community. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- McGee, & Savin, M. (July 2003). Research in the university classroom. Invited presentation at the Teaching and Faculty Support Center Summer Teaching Camp.
- McGee, C.D. (2004 March). Differentiated instruction: Meeting all children's need. Workshop presented at Fort Worth Independent School District.
- McGee, C.D. (April 2004). Differentiated instruction: Meeting all children's need. Workshop presented at Fort Worth Independent School District.
- McGee, C.D. (June 2004). Creating multicultural classrooms. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- McGee, C.D. (June 2004). Teaching writing through writer's workshop. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- McGee, C.D. (June 2004). Building classroom community. Invited ½ day workshop at the Texastute Conference in Ft. Worth, TX.
- Morris, D., Turner, L., Recreation participants and binge drinking of college students: Investigating a 10-year trend. Arkansas Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Eureka Springs, AR, November 2003.

- Morris, D., Turner, L. Attitude of students without disabilities toward students with disabilities in a regular physical education class. Arkansas Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Eureka Springs, AR, November, 2003.
- Morris, D., Penhollow, T., & Young, M. The impact of religiosity on sexual behaviors of college students. Presented at the 2004 Midcontinent/Eastern Regions meeting of the Society of the Scientific Study of Sexuality, Madison, WI, June 2004.
- Morrow, L. (2003). Professional Development Presentations at The New School Fayetteville, AR: Seeking Authenticity in the Language Arts Classroom, 9/29/03 Early Adolescent Development, 10/13/03; Using Literature Across the Curriculum, 11/10/03.
- Moiseichik, M., & Hughes, J. Unfair competition: Private fitness centers v. YMCA. Society for the Study of Legal Aspects of Sport and Physical Activity, Atlanta, GA, March 2004.
- Nafukho, F. M. and Ok. D. Park. An investigation into business educators perception of the importance of resources used in self-directed learning. Presented during the Teaching and Learning Conference held in London. July 2003
- Nafukho, F. M.. Use of Web based survey in Research. At presentation during the Arkansas Business Education Association Annual meeting Held at Hot Springs Arkansas, August 2003.
- Nafukho, F. M. Self-directed learning among business educators. Presentation made during the Twentieth Annual Ozark Mountain Business/Marketing Education Conference on the theme "OMBEC 20 Years Still Going Strong". (July 2003, at Clarion Inn, Fayetteville, Arkansas).
- Park, O. ( 2003). Hardware/Software Update. Ozark Mountain Business Education Conference, Fayetteville, AR.
- Park, O. (August 2003). Is There Anything New in Computer Hardware and Software? You Bet There Is!, Arkansas Business Education Association Annual Conference, Hot Springs, AR.
- Riggs, C. E. (2003). Cell and animal models for studying pathogenesis and pathophysiology. Symposium/Workshop on Metabolic and Molecular Aspects of the Pathogenesis in Acyl-CoA Dehydrogenase Deficiencies, Aarhus, DK.
- Riggs, C. E. (2003). Physiological consequences of exercise in vlcd deficient mice. Presented to the Lab Group of Dr. Arnold Strauss, Department of Pediatrics, Vanderbilt University School of Medicine, Nashville, TN, December, 2003.

- Smith, N., & Imbeau, M.B. (December 2003). Differentiated instruction: Beginning the Journey Presentation for Association for Supervision and Curriculum Professional Development Institute, Las Vegas, NV.
- Shadden, B., Di Brezzo, R. Measurement issues in predicting participation and outcomes in senior exercise programs. The 10<sup>th</sup> Measurement and Evaluation Symposium: Measurement Issues and Challenges in Aging Research, University of Illinois Urbana-Champaign, IL, Oct. 2003.
- Simpson, D., Turner, L. Serving the underserved: An opportunity for osteoporosis education in emergency healthcare. Arkansas Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Eureka Springs, AR, November 2003.
- Skaife, M., Turner, L. W., Hunt, S. B. (2003). The role of physical activity in reducing risk of osteoporosis among older populations. Presented at the Arkansas Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Eureka Springs, AR.
- Schroedel, J.G., Watson, D., & Boone, S. (June 2003). Work patterns of hard of hearing employees: Preliminary results. Presentation at Self Help for Hard of Hearing Persons, Inc. Atlanta, GA.
- Shadden, B., DiBrezzo, R., Boone, S. & Watson, D. (June 2003). Challenges of aging with hearing loss. Presentation at Self Help for Hard of Hearing Persons, Inc. Atlanta, GA.
- Shadden, B., Di Brezzo, R., Fort, I., & Powers, M. Resource and service needs and utilization of employed caregivers: Gender and employee group profile. Partnerships for Aging, Tulsa, OK, November 2003.
- Scott, J. L., Martin, D. E. & Riggs, C. E. FACSM. The effects of endurance and high intensity exercise on mitochondrial oxidation of fats in vldl deficient mice. ACSM Annual Meeting, Indianapolis, IN, June 2004.
- Scott, J., Kissinger, E., Koonce, S. & Riggs C. E. (2003). Running mice. All University Convocation, 2003.
- Tokar, K., Tokar, T., Turner, L., Hunt, S., Forbess, J. (2004). Design, implementation and evaluation of a bone health education program for underserved youth. American Alliance for Health Physical Education, Recreation and Dance, Annual Conference, New Orleans, LA.
- Toner, M.A., Helmer, D., Kratzburg, S., Battershell, V., & Knotts, S. ( July 2003). Create-a-book project: Enhancing remediation and motivation. Presentation at 2003 ASHA Schools Conference; Anaheim, CA.



- Toner, M.A. and Helmer, D., (November 2003). Create-a-book project: Enhancing language and literacy. Presentation at 2003 ASHA National Convention; Chicago, IL.
- Toner, M.A., Beck, C. & Richards, K., Fundamental Frequency and Prosodic Characteristics of Dementia Patients. (November 2003). Presentation at 2003 ASHA National Convention; Chicago, IL.
- Toner, M.A., Beck, C., & Richards, K. (November 2003). Problematic Vocalizations in Dementia: Effectiveness of Caregiver Strategies ). Presentation at 2003 ASHA National Convention; Chicago, IL.
- Turner, L. W, Hunt, S. B., Lirgg, C. D., & Ferguson, R. H. Weight-control behaviors and fruit and vegetable intakes among adolescents: Results from a national survey. Poster presentation at American Alliance of Health, Physical Education, Recreation, and Dance, New Orleans, LA, March 2004.
- Turner, L. W., & Hunt, S. B. (2003). Determinants of bone mineral density among middle-aged women, Presented at the American Academy of Health Behavior Annual Conference, St. Augustine, FL.
- Turner, L. W., Young, M. E., Knickerbocker, C. (2003). Correlates of healthy eating and physical activity among students in grades 6-12. American School Health Association Annual Conference, TX.
- Turner, L. W., Wallace, L. S., Perry, B. A., & Ballard, J. (2003). Site of bone densitometry in middle-aged women: Comparison of bone mineral density of 3 anatomic regions. American Society for Bone Mineral Research 25<sup>th</sup> Annual Meeting, Minneapolis, MN.
- 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., Young, M., & Knickerbocker, C. Correlates of healthy eating and physical activity among students in grades 7-12. Paper presented at the 2003 Annual Meeting of the American School Health Association, El Paso, TX, October, 2003.
- VanBiervliet, A., Boone, S. & Martin, P. (May 2003). Digital support resources for early hearing detection and intervention (EHDI) programs. ADARA Integration of Disciplines: All roads lead to excellence. East Rutherford, NJ
- Van der Smissen, B., & Moiseichik, M. Operational practices to ameliorate liability. National Recreation and Park Association, St. Louis, MO, October, 2003

- Wallace, L. S., Ballard, J., Holiday, D., Cussen, P., & Turner, L. W. (2003). Evaluation of decision rules for referring African-American women for bone densitometry by dual-energy X-ray absorptiometry. American Society for Bone Mineral Research 25<sup>th</sup> Annual Meeting, Minneapolis, MN.
- Watson, D., Boone, S., & Anderson, G. (June 2003). NIDRR Formative Review for RRTC , Washington, DC.
- Watson, D. & Boone, S. (Oct. 2003). Surviving and thriving at work. Invited workshop in the Empowerment Symposium: Employment of People who are deaf and hard of hearing. Osage Beach, MO.
- Watson, D., Boone, S., Garrison, B., Warren, L., & Hunan, R. (Oct. 2003). Surviving and Thriving at work. Empowerment of deaf and hard of hearing workers: an interactive forum. Invited panel at the Missouri Empowerment Symposium: Employment of People who are deaf and hard of hearing. Osage Beach, MO
- Watson, D., Boone, S. & Schroedel, J.G. (Oct. 2003). Employment experiences of hard of hearing workers: Let's rap! Presentation at South East Regional Institute on Deafness, Mobile, AL
- Wells, M., Young, M., & Knickerbocker, C.. Social norms related to tobacco use among elite African Americans. Presented at the 2004 Annual meeting of the American Academy of Health Behavior, Sedona, AZ, February 2004.
- Westberg, K.L., & Imbeau, M.B. (July 2003). The Schoolwide Enrichment Model. Course taught to Edufest: Idaho's Gifted Education Conference at Boise State University, Boise, ID.
- Young, M., Morris, D., Penhollow, T., Knickerbocker, C., Turner, L. Predictors of sexual satisfaction: The role of body image and fitness. American Academy of Health Behavior Annual Conference, Sedona, AZ, February 2004.
- Young, M. (2003). Symposium: Abstinence education programs that actually work? You've Got To Be Kidding (organized by Young). Presented at the 2003 annual meeting of the Society for the Scientific Study of Sexuality, San Antonio, TX. Young, M. co-author with Denny, G. of symposium paper Sex Can Wait: A Five-Year Rural Evaluation Project, San Antonio.
- Young, M., Mickles, A., Morris, D., & Penhollow, T. Predictors of sexual satisfaction: The role of body image and fitness. Presented at the 2004 Annual meeting of the American Academy of Health Behavior, Sedona, AZ, February, 2004.

- Young, M., Donnelly, J., Denny, G., & Rodriguez, M. (2004). Sexual behavior, self-esteem, and values among Hispanic middle school students. Presented at the 2004 Annual Meeting of the American Alliance of Health, Physical Education, Recreation, & Dance, New Orleans, LA.
- Young, M., Knickerbocker, C., Morris, D., & Bleeker, J. (2004). Substance use: Correlates of intent to use among elementary school children. Presented at the 2004 Annual Meeting of the American Alliance of Health, Physical Education, Recreation, & Dance, New Orleans, LA.
- Young, M., Denny, G., & Bailey, W. (2003). Correlates of adolescent sexual behavior and behavioral intent. Presented at the 2003 Annual Meeting of the Society for the Scientific Study of Sexuality, San Antonio, TX.
- Young, M., Wells, M., & Knickerbocker, C. Correlates of adolescent smoking. Presented at the 2004 Annual Meeting of the American Academy of Health Behavior, Sedona, AZ, February 2004.
- Young, M., & Denny, G. Liars, cheaters, and thieves: Correlates of undesirable character behaviors in adolescents. Presented at the International Social Science Conference, Honolulu, HI, June, 2004.
- Young, M., & Wells, M. (2004). Keep A Clear Mind - Training for A SAMHSA Model Program, (invited workshop). Wisconsin Prevention Conference, Wisconsin Rapids, WI.

### **Other Presentations**

- Eilers, L. & Adams-Jones, R. (April, 2004). Using literature to teach mathematics. Workshop presented at the 82<sup>nd</sup> Annual Meeting of the National Council of Teachers of Mathematics. Philadelphia, PA. Session # 827
- Eilers, L. & Lincoln, F. (May 2004). Multicultural literature teaches the world to read. Session 17919 at the 49<sup>th</sup> Annual Convention of the International Reading Association's Convention. Reno-Tahoe, NV
- Imbeau, M.B., Westberg, K.L., & Leppien, J. (November, 2003). The tragedy of the U.S.S. Indianapolis: An instructional unit using The Parallel Curriculum Model. Presentation at the annual meeting of the National Association for Gifted Children (NAGC), Indianapolis, ID.
- Kirkpatrick, L., Lincoln, F., & Morrow, L. (2004 February). Assessing quality and professionalism: A comparison of two preparation programs. Research paper presented at the 84<sup>th</sup> Annual National Meeting of the Association of Teacher Educators, Dallas, TX.

- Lefever-Davis, S., Pearman, C., Wilson, C. & Hail, J. (2004). Reading Behaviors of Beginning Readers Reading Electronic Texts. Presented at the American Educational Conf.
- Lefever-Davis, S. & Eilers, L. (November 2003). Getting the most from your first ARA conference. Session presented at the Fall Conference of the Arkansas Reading Association.
- Lefever-Davis, S., Eilers, L., (2003). Making the most of your first ARA conference. Presented at Arkansas Reading Association Annual Conference. November 12-14, 2003. Little Rock, AR.
- Lefever-Davis, S., Wilson, C., Hail, J. & Pearman, C. (2003). "Ride the Wave". Using Learning centers to help "surf" through reading and writing. Presented at Arkansas Reading Association Annual Conference., Little Rock, AR
- Leslie, K. & Pearman, C. & Lefever-Davis, S. (2003) Building Classroom Libraries. Presented at Southeast Association of Teacher Educators Annual Conference.. Savannah, GA.
- Morrow, L., Cronan, T. & Sullivan, E. ( May 2004). "Pay it forward": Modeling strategies for future middle level literacy and content area educators. Paper presented at the 49<sup>th</sup> Annual Convention of the International Reading Association, Reno, NE.
- Morrow, L., Sullivan, E., Lefever-Davis, S., Kirkpatrick, L., & Colbert, J. (March 2004). Dealing with change in the pds. Paper presented at the 2004 Professional Development Schools National Conference, Orlando, FL.
- Morrow, L. & Sullivan, E. ( November 2003). Catch the big wave: Literature circles assessment. Paper presented at the Arkansas Reading Association Fall Conference, Little Rock, AR.
- Morrow, L.M., Sullivan, E., Colbert, JL, Lefever-Davis, S. & Kirkpatrick, L. (2004). Dealing with change in the PDS. Presented at the 2004 Professional Development Schools National Conference. Orlando, FL.
- Murdick, N., Gartin, B. C., & Edens, R. (, October 2003). The use of universal precautions in the classroom. Workshop presented at the International Conference on Children and Youth with Behavioral Disorders, St. Louis, MO Refereed
- Rao, S., & Gartin, B. C. ( June 2004). Evidence-based Practices in the Education of Persons with Developmental Disabilities. Workshop presented at the 128 Annual Meeting of the American Association on Mental Retardation, Philadelphia, PA Refereed
- Rao, S., & Gartin, B. C. ( September 2003). Students with disabilities in higher education: Faculty willingness to provide accommodations. Lecture presented at the American Association for Adult and Continuing Education 52<sup>nd</sup> National Adult and Continuing Education Conference, Detroit, IL. Refereed.

- Rao, S., & Gartin, B. C. (October 2003). Students with disabilities in higher education: Accommodation issues. Lecture presented at the Council of Exceptional Children-Division on Career Development and Transition 2003 International Conference, Roanoke, VA. Refereed.
- Roessler, R., Illness Intrusiveness Model; Implications for Rehabilitation. Presenter at National Council on Rehabilitation Education Annual Conference, , Tucson, AZ, February 2004.
- Smith, T.E.C. New Disabilities Under IDEA and Section 504. Presented at the 21<sup>st</sup> LRP National Institute on Law and Disabilities. San Francisco, May 2003.
- Smith, T.E.C. Section 504 and Public Schools. Presented for the Nashville Public School System, Nashville, TN. February 2003.
- Sullivan, E. & Morrow, L. ( September 2003). What's missing? Assessing pre-professional practicum experience beyond pathwise. Paper presented at the ArATE Fall Conference, University of Central Arkansas, Conway, AR.
- Sullivan, E. & Morrow, L. ( November 2003). Preparing teachers for readers in the middle. Paper presented at the Southeastern Regional Association of Teacher Educators Conference, Savannah, GA.

## College of Engineering

### Books

**Ang, A.**, Co-Editor of Symposium Proceedings on “*Microfabricated Systems and MEMS VI*,” The Electrochemical Society, Inc., USA, ISBN 1-56677-371-5.

**Asfahl, C. R.**, Industrial Safety and Health Management, 5th edition, Prentice-Hall, Upper Saddle River, New Jersey, August 2003.

**Asfahl, C. R.**, Industrial Safety and Health Management-Solution Manual, 5th edition, Prentice-Hall, Upper Saddle River, New Jersey, August 2003.

**Couper, James R.**, 2003, Process Engineering Economics, New York: Marcel Dekker, Inc.

**Fant, E.W.**, Consider Machine Vision, 5th edition, K and L Consultants, Springdale, Arkansas, January 2004.

Konz, S. and **S. L. Johnson**, Work Design: Occupational Ergonomics, Holcomb-Hathaway Publishers, Scottsdale, Arizona, 2004.

**Johnson, S. L.** and S. Konz, Instructors Guide to Work Design: Occupational Ergonomics, Holcomb-Hathaway Publishers, Scottsdale, Arizona, 2004.

**Ulrich, R.** , and L. W. Schaper, “*Integrated Passive Component Technology*”, Text Published by John Wiley and Sons (IEEE Press), Piscataway, NJ, June 2003.

### Book Chapters

**Apon, A.** and J. Mache, editors, International Workshop on Grid Computing, Grid.Edu 2004, Proceedings of CCGrid 2004, Chicago, Illinois, April, 2004.

**Fant, E. W.** Consider Machine Vision - Instructor’s Manual, 5th edition, K and L Consultants, Fayetteville, Arkansas, January 2004.

**Hexmoor, H.**, C. Castelfranchi, & R. Falcone, “Agent Autonomy”. Boston: Kluwer Academic Publishers, 2003

**Johnson, S. L.** “Ergonomics in the Meatpacking Industry.” Chapter in Occupational Ergonomics Handbook, 2nd edition, 2004.

Ragothaman, P. and **B. Panda**, “Improving Damage Assessment Efficacy in case of Frequent Attacks on Databases,” In Database and Applications Security XX: Status and Prospect Sabrina de Capitani di Vimercati and Indrakshi Ray (Editors), p. 89-101, Kluwer Academic Press, 2004.

Ragothaman, P. and **B. Panda**, “Modeling and Analyzing Transaction Logging Protocols for Effective Damage Assessment”, Research Directions in Data and Applications Security, E. Gudes and S. Shenoï (Editors), p. 89-101, Kluwer Academic Press, 2003.

**Penney, W.R.**, January, 2004, Handbook of Industrial Mixing, John Wiley & Sons, Inc.(Wiley Interscience) Chapter 10, Solid-Liquid Mixing , pp. 543-584.

**Penney, W.R.**, January, 2004, Handbook of Industrial Mixing, John Wiley & Sons, Inc.(Wiley Interscience), Chapter 14, Heat Transfer, pp. 869-886.

Huitink, G., P. Tacker and **E. Vories**. 2003. Identify hazards and prevent accidents. 89-94 In L. Espinoza and J. Ross (ed.) Corn Production Handbook. Ark. Coop. Ext. Serv., MP437-2M-2-03N.

Tacker, P., **E. Vories** and G. Huitink. 2003. Drainage and irrigation. 13-22 In L. Espinoza and J. Ross (ed.) Corn Production Handbook. Ark. Coop. Ext. Serv., MP437-2M-2-03N.

**Thompson, D.R.** and A. W. Apon, “Public Networks,” in The Internet Encyclopedia, edited by H. Bidgoli, vol 3. Hoboken, NJ: John Wiley & Sons, Dec. 2003.

**Thompson, D.R.** and A.W. Apon, “Secure Public Networks,” in The Handbook of Information Security, edited by H. Bidgoli, Hoboken, NJ: John Wiley & Sons.

### **Refereed Articles**

Zhang, K.L., S. K. Chou ,and **S. S. Ang**, “Design, Fabrication and Testing of a Solid Propellant Microthruster,” PowerMEMS 2003 , December 2-5, 2003, Tokyo, Japan.

Saxena, K., Y. Jung, **S.S. Ang** , F. Barlow, R. Selvam, and A. Elshabini, “Fabrication and Numerical Design of MEMS Based Silicon Micro-Jet Array Impingement Coolers”, IMAPS International Conference on High Temperature Electronics (HiTEC 2004), May 17-20, 2004, Santa Fe, NM.

Oliva, A., **S. S. Ang**, A. Aymonino, and H. Chiacchiarini , “Harmonic Distortion Reduction in Power Inverters,” IEEE International Conference on Industrial Technology ICIT’03, December 10-12, 2003, Maribor, Slovenia.

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Spencer, Daryl, **Ajay P. Malshe**, Ronald B. Foster and Chad B. O'Neal, "Novel Method for Wafer-Scale Packaging of Opto-electronic Devices," IMAPS 2003, Boston, MA, November 17-19, 2003.

Al-fandi, **Ajay Malshe**, Sundaram, Jenkins, Tung and Kim, "Simulation and Design an E. Coli-based Rotary Micropump for use in Microfluidic Systems: Integration of Micro-Nano-Bio," Proceedings of IMECE'03, 2003 ASME International Mechanical Engineering Congress & Exposition, Washington, D.C., November 16-21, 2003.

Mohamed, A., **Ajay P. Malshe**, S. Shankar, J. Jenkins, S. Tung, and J.-W. Kim, "Design and Analysis of Viscous Micropump Actuated Using Biological Cell Motors" International Mechanical Engineering Congress and RD&D Expo, IMECE2003-41450, Washington, D.C, 2003.

McNutt, T., and **A. Mantooth**, "Silicon Carbide Power Device Models and Parameter Extraction Routines for Circuit Simulation", Arkansas Academy of Science Annual Meeting, University of Arkansas, Fayetteville, Arkansas, April 2003.

Speer, K., T. McNutt, A. Lostetter, **A. Mantooth**, and K. Olejniczak, "A Novel High Frequency Silicon Carbide Static Induction Transistor Based Test Bed for the Acquisition of SiC Power Device Reverse Recovery Characteristics", Arkansas Academy of Science Annual Meeting, University of Arkansas, Fayetteville, Arkansas, April 2003.

Speer, K., T. McNutt, A. Lostetter, **A. Mantooth**, and K. Olejniczak, "A Novel High Frequency Silicon Carbide Static Induction Transistor Based Test Bed for the Acquisition of SiC Power Device Reverse Recovery Characteristics", Journal of the Arkansas Academy of Science, 2003.

Hossain, M., E. Cilio, T. McNutt, A. Lostetter, and **A. Mantooth**, "Parameter Extraction Software for a Compact Diode Model", Arkansas Academy of Science Annual Meeting, University of Arkansas, Fayetteville, Arkansas, April 2003.

Hossain, M., E. Cilio, T. McNutt, A. Lostetter, and **A. Mantooth**, "Parameter Extraction Software for a Compact Diode Model", Journal of the Arkansas Academy of Science, 2003.

Kashyap, A., S. M. Lal, T. McNutt, A. Lostetter, and **A. Mantooth**, "Testing and Modeling Electrical Characteristics of Novel Silicon Carbide (SiC) Static Induction Transistors", Arkansas Academy of Science Annual Meeting, University of Arkansas, Fayetteville, Arkansas, April 2003.

Kashyap, A., S. M. Lal, T. McNutt, A. Lostetter, and **A. Mantooth**, "Testing and Modeling Electrical Characteristics of Novel Silicon Carbide (SiC) Static Induction Transistors", Journal of the Arkansas Academy of Science, April 2003.

McNutt, T., and **A. Mantooth**, "Silicon Carbide Power MOSFET Model", Technical Summit Conference, University of Arkansas, Fayetteville, Arkansas, April 2003.

Wessels, C., **S. J. Mason**, and O. Zakaria. "Toolgroup Blackboxing Approaches for Complex Job Shop Scheduling." 2003 Institute for Operations Research and Management Science (INFORMS) Conference, Atlanta, Georgia, October 2003.

Zakaria, O., S. Jin, and **S. J. Mason**. "Repair Algorithms for Complex Job Shop Rescheduling." 2003 Institute for Operations Research and Management Science (INFORMS) Conference Atlanta, Georgia, October 2003.

**Mason, S. J.** "Scheduling Semiconductor Wafer Fabrication Facilities." Business Briefing: Global Semiconductor Manufacturing Technology, London, England, August 2003.

Pabst, P. J., W. Fowler, M. Pfund, **S. J. Mason**, O. Rose, L. Moench, and R. Sturm. "Deterministic Scheduling of Wafer Fab Operations." AutoSimulations World Symposium, Bountiful, Utah, October 2003.

Pfund, M., J. W. Fowler, E. Gel, **S. J. Mason**, L. Moench, O. Rose, and G. Runger. "Scheduling Wafer Fab Operations." 2003 Institute for Operations Research and Management Science (INFORMS) Conference, Georgia, October 2003.

Ekka, S.A., B.E. Haggard, **M. Matlock**, and I. Chaubey. 2003. Impact of wastewater treatment plants in streams of Illinois River Basin. Poster Presented at the AWRA Spring Specialty Conference on Agricultural Hydrology and Water Quality. Kansas City, MO. May 12 – 14.

**Nachtmann, H. L.** and T. Collins. "The Use of Decision Models in the Development of a Collaborative Integrated Solutions System." Air Force Research Laboratory, Dayton, Ohio, 2003.

Kwinn, M. J., **E. A. Pohl**, and R. Deckro. "Combat Consultants: OR is Where You Find It!" PHALANX: The Bulletin of Military Operations Research Society, Alexandria, Virginia, December 2003.

**Pohl, E. A.**, C. R. Cassady, and M. J. Kwinn, Jr. "A Selective Maintenance Model for Serial Manufacturing Systems Involving Multiple Maintenance Actions." Proceedings of the 17th International Conference on Production Research, Blacksburg, Virginia, August 2003.

**Schaper, Leonard 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.

Spiesshoefer, S., and **L. Schaper**, "Copper Electroplating for High Density 3D Through Silicon Via Interconnects," SMTA Pan Pacific Conference, February 2004.

**Schaper, L.**, R. Ulrich, D. Mannath, J. Morgan, K. Maner, "Decoupling with Anodized Tantalum," IPC APEX Conference, February 2004.

**Schaper, L. W.**, and R. K. Ulrich, "Integrated Decoupling in High Performance IC Packaging," IMAPS ATW on System Packaging, Palo Alto CA, October 19 – 22, 2003.

Thompson, D., A. Apon, Y. Yara, J. Mache, and R. Deaton, "Training a Grid Workforce", *The Oklahoma Supercomputing Symposium*, September 2003.

Pooran, Kim, **Steve Tung**, Malshe, and Lee, "A Cellular Motor Based Micro Pump - Integration of Cellular Motors with Micro Channels," Proceedings of IMECE'03, 2003 ASME International Mechanical Engineering Congress & Exposition, Washington, D.C., November 16-21, 2003.

Clendenin, Jason, **Steve Tung**, Nasser Budraa, and John Mai, "Microwave Bonding of Silicon Dies with Thin Metal Films for MEMS Applications", Proceedings of 53rd Electronic Components and Technology Conference, New Orleans, LA, May 27-30, 2003.

**Tung, S.**, J.W. Kim, A. Malshe, C.C. Lee, and R. Pooran, "A Cellular Motor Driven Microfluidic System", Transducers '03 - 12th International Conference on Solid-State Sensors, Actuators and Microsystems, Boston, MA, June 8-12, 2003.

**Tung, Steve**, and Scott Witherspoon, "EAP Actuators for Controlling Space Inflatable Structures", AIAA Paper 2003-1741, 44th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics, and Materials Conference, Norfolk, VA, April 7-10, 2003.

**Ulrich, R. K.**, and L. W. Schaper, "Decoupling with Integrated Capacitors," IPC Fall Meeting, Minneapolis, September 30, 2003.

Huitink, G., P.L. Tacker, and **E. Vories**. 2003. Identify hazards and prevent accidents. 89-94 In L. Espinoza and J. Ross (ed.) Corn Production Handbook. Ark. Coop. Ext. Serv., MP437-2M-2-03N.

Scherder, E.F., R.E. Talbert, J.D. Branson, M.L. Lovelace, and **E.D. Vories**, 2003. Intermittent irrigation effects on barnyardgrass weed control and rice yield. pp. 156-164. In R.J. Norman and J.-F. Meullenet (ed.). B.R. Wells Rice Research Studies 2002. Ark. Agric. Exp. Sta. Res. Series 504.

Tacker, P.L., **E.D. Vories** and G. Huitink. 2003. Drainage and irrigation. 13-22 In L. Espinoza and J. Ross (ed.) Corn Production Handbook. Ark. Coop. Ext. Serv., MP437-2M-2-03N.

Tacker, P.L., **E.D. Vories** and D. Kratz. 2003. Rice irrigation-water management for water, labor, and cost savings. pp. 338-342. In R.J. Norman and J.-F. Meullenet (ed.). B.R. Wells Rice Research Studies 2002. Ark. Agric. Exp. Sta. Res. Series 504.

**Vories, E.D.**, and R.E. Glover. 2003. Comparing the last effective boll populations in UNR and conventional cotton. pp. 135-140 In D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2002 Ark. Agric. Exp. Sta. Res. Series 507.

**Vories, E.D.**, R.E. Glover, K.J. Bryant and P.L. Tacker. 2003. Estimating the cost of delaying irrigation for cotton on clay soil. pp. 147-152 In D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2002. Ark. Agric. Exp. Sta. Res. Series 507.

**Vories, E.D.**, J. Greene, T. Teague, W. Robertson, and P.L. Tacker. 2003. Determining the optimum timing for the final irrigation on Arkansas cotton. pp. 129-134 In D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2002. Ark. Agric. Exp. Sta. Res. Series 507.

**Vories, E.D.**, P.L. Tacker and R.E. Glover. 2003. Improving cotton irrigation scheduling in Arkansas. pp. 141-146 In D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2002. Ark. Agric. Exp. Sta. Res. Series 507.

**Young, J. C.** "On-Line Monitoring and Control of Wastewater Treatment Plants using Respirometric Measurements" Proc. Industrial Wastewater and Best Available Treatment Technologies Conference, co-sponsored by the US EPA and Vanderbilt University, February 26 – 28, Nashville, TN.

**Young, J. C.** "Anaerobic Processes for Industrial Wastewater Treatment" Proc. 2003 Annual Industrial Waste Conference, sponsored by the Water Environment Federation, Alexandria, VA, April 12, 2003.

**Young, J. C.** "Fundamentals of Respirometer Operation and Application" Proc. Workshop on Respirometer for Better Design and Operation of Wastewater Treatment Plants. Water Environment Federation, Alexandria, VA.

**Young, J. C.** "Evaluation of Short-Term BOD Methods" Proc. WEFTEC-2003, Water Environment Federation, Arlington, VA (2003)

**Young, J. C.** “Monitoring and Control of Biological Wastewater Treatment Plants. Proc. Wastewater Strategies for Industrial Compliance, Workshop sponsored by Tulane University, New Orleans, Dec. 11 – 12, 2003

**Young, J. C.** “Anaerobic Processes for Industrial Wastewater Treatment” Proc. Wastewater Strategies for Industrial Compliance, Workshop sponsored by Tulane University, New Orleans, Dec. 11 – 12, 2003

## **INVITED LECTURES**

Plaza, Jorge and **R. E. Babcock**, “A Stock Tank Emissions Model Based on Gas Solubility,” Presentation, International Petroleum Environmental Conference, Houston, TX, Nov., 2003.

**Barlow, F.**, V. Wang, E. Elvey, C. Tan, & A. Elshabini, “Process and Material Challenges Associated with the Next generation of LTCC Based Products”, Proceedings of the Electrochemical Society (ECS) Fall Meeting, Oct. 12-17, 2003, Orlando, FL

**Bhat, Deepak G.**, Machining of Titanium Alloys: An Investigation of a New Ultrahard Ceramic For Metal-cutting Applications, Invited talk at the International Advanced Research Centre for Powder Metallurgy & New Materials (ARCI), Hyderabad, India, July 17, 2003,

**Bhat, Deepak G.**, Innovative Coatings for Improved Die Life in Pressure Die Casting, Presentation to The Institute of Indian Foundrymen, Western Region – Pune Chapter, Pune, India, July 25, 2003.

**Carrier D.J.** “An overview of dietary supplements”. Annual Fall Nutrition Update, Springdale AR, September 2003 (invited presentation)

**Cassady, C. R.** “A Generic Model of Equipment Availability under Imperfect Maintenance.” 4th International Conference on Mathematical Methods in Reliability, Santa Fe, New Mexico, June 2004.

**Cassady, C. R.** “Cannibalization Policies for a Set of Parallel Machines.” – Annual Reliability & Maintainability Symposium, Los Angeles, California, January 2004.

**Cassady, C. R.** “Ranking College Football Teams Using a Quadratic Assignment Problem.” Seminar Series, Virginia Tech Student Section of 2003 Institute for Operations Research and Management Science (INFORMS) Conference, Blacksburg, Virginia, December 2003.

**Cassady, C. R.**, S. Ormon, and E. A. Pohl. “Exploring the Effects of Cannibalization on Fleet Performance.” 2003 Institute for Operations Research and Management Science (INFORMS) Conference, Atlanta, Georgia, October 2003.



**Chaubey, I.**, M.D. Matlock, and B.E. Haggard. (Invited). Integrating physical, chemical, and biological response monitoring for watershed management: stream reach to watershed scale processes and lessons. Annual Conference of the ASA, SSSA, and CSA. Denver, CO. November 2-6, 2003

**Chaubey, I.**, D. Sahoo, B.E. Haggard, K.L. White, and M. Matlock. (Invited) Assessment of nutrient dynamics in an agriculturally dominated stream. 2003 Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22 – 23.

White, K.L., and **I. Chaubey**. (Invited). Demonstration of SWAT model using Beaver Lake watershed. 2003 Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22 – 23.

**Cross, Robert**, Invited Paper, “Methods of Process Design for Ultrafiltration and Crossflow Microfiltration”, AIChE Annual Meeting, November, 2003.

**Cross, Robert**, Poster, “Development of Processes for Recycling Dialysate and for Producing Low-Cost WFI Quality Water for Use in Artificial Kidney Dialysis and Hemodiafiltration,” Arkansas Biosciences Institute Annual Meeting, October 7, 2003.

**Deaton, R.**, J. Chen, H. Bi, and J. A. Rose, “A software tool for generating noncrosshybridizing libraries of DNA oligonucleotides,” in DNA Computing 8, Hagiya and Ohuchi, eds., Springer-Verlag:Berlin, 2003, pp. 252–261. Lecture Notes in Computer Science 2568.

**Deaton, R.**, J. Chen, H. Bi, M. Garzon, H. Rubin, and D. H. Wood, “A PCR-based protocol for in vitro selection of non-crosshybridizing oligonucleotides,” in DNA Computing 8, Hagiya and Ohuchi, eds., Springer-Verlag: Berlin, pp. 196–204. Lecture Notes in Computer Science 2568.

**Dennis, N.D.**, Rewarding Good Teaching in the Academy, ASCE Education Congress, 2003 ASCE Annual Conference and Exposition, Nashville, TN, 12 Nov 2003.

**Dennis, N.D.**, Learning Styles, University of Arkansas Teaching Camp, Eureka Springs, AR, 28 July 2003.

**Dennis, N.D.**, Teaching Around the Wheel and Learning Styles, University of Arkansas Teaching Academy Workshop, Fayetteville, AR, Aug 21, 2003

**Dennis, N.D.**, “Monitoring Shallow Slope Failures Using Time Domain Reflectometry”, 82nd National Transportation Research Board Annual Meeting, Washington D.C., January 13, 2003.

**Dennis, N.D.**, “Effect of Fines on the Performance of Base Course Aggregates”, 76th Transportation Research Meeting, Little Rock, AR May 13, 2002.

**Dennis, N.D.**, “Longterm Stability of Highway Slopes”, 76th Transportation Research Meeting, Little Rock, AR May 13, 2003.

**Edwards, F.G.**, What Cities and Counties need to do, Storm Water Management Forum, Northwest Arkansas Regional Planning Commission, January 23, 2003

**Edwards, F.G.**, Use of membranes in wastewater treatment, ASCE Arkansas Section Annual Meeting, October 30, 2003,

**Elliott, R.P.** “EC 2000 Round Two – The Arkansas Experience” Proceedings ASCE Annual Conference and Exposition, American Society for Engineering Education, 2003.

**Elliott, R.P.** “EC 2000 Round Two – The Arkansas Experience” Proceedings ASCE Annual Conference and Exposition, American Society of Civil Engineers Education, 2003.

**Elliott, R.P.** “Engineering Education, Where It is Heading and Why” Annual Meeting Arkansas Public Works Association, 2003.

**Elliott, R.P.** “Engineering Education, Where It is Heading and Why” Missouri Valley Institute of Transportation Engineers, 2003.

**Gross, M.A.** “Managing Decentralized Wastewater Systems,” 5th National Onsite Wastewater Regulators’ Conference and 3rd Captains of Industry Conference, Las Vegas, NV, March 24- 28, 2003

**Gross, M.A.** “National Decentralized Wastewater Curriculum,” 5th National Onsite Wastewater Regulators’ Conference and 3rd Captains of Industry Conference, Las Vegas, NV, March 27- 28, 2003

**Gross, M. A.**, “Pumps and Hydraulics for Onsite Systems,” Missouri Small Flows Annual Conference, Columbia, MO, Jan 21, 2003

**Gross, M. A.**, “Hydraulics for Onsite Systems,” Iowa Onsite Wastewater Association Annual Conference, West Des Moines, IA, Jan 28, 2003

**Gross, M. A.**, “Percolations Tests and Soil Morphology,” Iowa Onsite Wastewater Association Annual Conference, West Des Moines, IA, Jan 28, 2003

**Gross, M. A.**, “Onsite Systems Hydraulics ,” Kansas Small Flows Annual Conference, Hutchinson, KS, Jan 30, 2003

**Gross, M.A.** “Nitrogen and Phosphorus Removal using Onsite Wastewater Sytems” Oregon Onsite Wastewater Association Annual Conference, Salem, OR, February 27- March 2, 2003

**Gross, M.A.** “Managing Decentralized Wastewater Systems,” Kansas Rural Water Association Annual Conference, March 24-25, 2003, Wichita, KS

**Hale, W.M.** (Presenter) and Russell, B.W., “Prestress Losses with Release Stresses Greater than 0.60fci”, ACI Committee 423, Prestressed Concrete, ACI Fall Convention, Boston, MA, September 27 – 30, 2003.

Kodali, Sitaram, and **Hale, W.M.** (presenter), “A Non-Destructive Test Method to Measure Concrete Permeability”, ACI - Oklahoma City Chapter, December 9, 2003, Oklahoma City, OK.

**Hall, Kevin D.**, “Recent Developments in Techniques for Measuring Fine Aggregate Specific Gravity”, 30th Rocky Mountain Asphalt Conference and Equipment Show, Denver, CO, February 21, 2003.

**Hall, Kevin D.**, “Update on the Dynamic Angle Validation Kit”, Superpave Mixtures and Aggregates Expert Task Group (ETG) Fall Meeting, Washington, DC, February 2003.

**Hall, Kevin D.**, “Development of a Guidance Document for Determining Variability of the Superpave Gyratory Compactor”, Superpave Mixtures and Aggregates Expert Task Group (ETG) Fall Meeting, Washington, DC, September 2003.

**Hall, Kevin D.**, “Future Needs: Mixture Design and Gyratory Compaction”, Superpave Mixtures and Aggregates Expert Task Group (ETG) Fall Meeting, Washington, DC, September 2003.

Sheppard, W., **J. A. Havens**, and T. Spicer, “Wind Tunnel Validation of the FEM3A CFD Model,” invited presentation, International Workshop on Physical Modeling of Flow and Dispersion Phenomena, PHYSMOD2003, Prato, Italy, September 3-5, 2003.

**Havens, J.**, “Regulatory Requirements for Safety Exclusion Zones for United States LNG Import Terminals,” IGT Shipping Symposium, London, England, April 2004.

**Hexmoor, H.**, “Crafting Social Agents”, September 3, 2003, Varna, Bulgaria.

**Hexmoor, H.**, “Social Agents”, October 30, 2003, IEEE International Conference on Knowledge Intensive Multi-Agent Conference, Boston, MA

**Li, W.**, “Parallel Polygon Scan Conversion on RMESH Multiprocessors” World Multi-conference on Systemics, Cybernetics and Informatics, July 2003, Orlando, Florida

**Li, W.**, “Polygon Scan Conversion on RMESH” Oklahoma Supercomputing Symposium, poster presentation, Sept. 2003, Norman, OK.

**Malshe, Ajay P.**, “Nanomanufacturing of Integrated Systems,” Annual Conference of American Physical Society (APS) Meeting, Austin, TX, 2003.

**Malshe, Ajay P.**, “Nanomanufacturing: Materials, Processes, Systems and Education,” Technical Committee E, CIRP Annual General Meeting, Montreal, Canada, 2003.

**Malshe, Ajay P.**, “Plenary Talk: Nanomanufacturing for Transforming curiosity driven Nano Science to Nano Engineered Products,” International Conference on Nanotechnology (ICON 2003), India, 2003.

**Malshe, Ajay P.**, “Nanomanufacturing for Mechanical Engineers,” Nanotechnology for Mechanical Engineers, NSF Invited Workshop, NSF, Arlington, VA, 2003.

**Malshe, Ajay P.**, W. Jiang, W.D. Brown, “Nanoparticles Composite Coating using Electrostatic Coating, a Progress Update,” AFOSR Review Meeting, Naval Academy, Bethesda, MD, 2003.

**Malshe, Ajay P.**, “Electrostatic Coating Process for Combinatorial Coating Chemistry,” COMBI Consortium, NIST, Gaithersburg, MD, 2003.

**Malshe, Ajay P.**, “Biomedical Applications of Nanoparticles Coatings,” Dental Materials Division of NIH, NIST, Gaithersburg, MD, 2003.

McNutt, T. R., and **H. A. Mantooth**, “Compact Models for Silicon Carbide Power Devices,” Proc. Int. Conf. Mixed Design of Integrated Circuits and Systems (MIXDES), Szczecin, Poland, June 24-26, 2004.

Fowler, J.W., **S. J. Mason**, L. F. McGinnis, and O. Rose. “Operational Modeling and Simulation of Semiconductor Manufacturing: A Panel Discussion.” 2003 Institute for Operations Research and Management Science (INFORMS) Conference, Atlanta, Georgia, October 2003.

**Mason, S. J.** “The Multiple Orders Per Job Scheduling Problem.” Graduate Seminar, Clemson University, Clemson, South Carolina, October 2003.

Haggard, B.E., S.A. Ekka, **M. Matlock**, P.A. Moore, Jr., and I. Chaubey. (Invited). Release of phosphorus from streams and reservoir sediment: effect of chemical amendments. 2003 Arkansas Water Resources Conference Center Conference on Quality Water Resources to Meet Our Competing Needs. Fayetteville, AR. April 22 – 23.

**Matlock, M.D.**, I. Chaubey, B.E. Haggard, and T.A. Costello. (Invited). Engaging stakeholders in watershed management process using a decision support system. Annual Conference of the ASA, SSSA, and CSA. Denver, CO. November 2-6, 2003.

**Murphy, R.Y.** 2003. Ensure food safety. September 28, 2003. Poultry Science. (invited)  
Murphy, R. Y. 2003. Improving process control to ensure food safety. September 10, 2003. USDA-ARS. Eastern Regional Research Center, Wyndmoor, PA. (invited)

**Myers, William A.**, “A Tale of Three Chemists – Friedrich Wöhler and the War Between the States,” Presentation at National meeting of the American Chemical Society, New York City, September 8, 2003.

**Myers, William A.**, “A Tale of Three Chemists - Friedrich Wöhler and the War Between the States,” Invited lecture at the Graduate School of Engineering; Hokkaido University; Sapporo, Japan, May 25, 2004.

**Pohl, E. A.**, M. J. Kwinn, and R. Deckro. “Establishing an Operational Assessment Decision Support Tool for Ongoing Operations.” 8th United States/German Operations Research Symposium, Dresden, Germany, November 2003.

**Pohl, E. A.**, M. J. Kwinn, and R. Deckro. “Eliciting Information from the Decision Maker: Interfacing with Afghanistan Operations Decision Makers.” Military Operations Research Special Workshop on Decision Aids and Support to Joint Operations Planning, Omaha, Nebraska, November 2003.

Gorak, M., M. J. Kwinn, and **E. A. Pohl**. “Lead the Fleet: Transitioning the Army Maintenance Program from a Flight Time Based System to an Operational Usage Based System.” Military Operations Research Society Symposium, 72nd MORSS, Monterey, California, June 2004.

Kwinn, M. J., **E. A. Pohl**, R. Deckro, and D. Ragsdale. "Using Quantitative Means to Measure Success and Identify Directions in Effects Based Operations." Presentation for the Military Operations Research Society Symposium, 72nd MORSS, Monterey, California, June 2004.

Kwinn, M. J., J. Brence, T. Morel, **E. A. Pohl**, and R. Deckro. "Assessment in Afghanistan Using Value Focused Thinking." Presentation for the Military Operations Research Society Symposium, 72nd MORSS, Monterey, California, June 2004.

Kwinn, M. J., **E. A. Pohl**, and G. Parnell. “Rapid Framework Development and Analysis Using Technology.” The 2003 International Engineering Management Conference, Albany, New York, November 2003.

Discoll, P. J., **E. A. Pohl**, and M. Tortorella. “NCW Conceptual Framework and Uncertainty.” Joint International Conference of the Canadian Operations Research Society (CORS) and the Institute for Operations Research and the Management Sciences (INFORMS), Banff, Canada, May 2004.

**Schaper, L.**, S. Spiesshoefer, S. Burkett, G. Vangara, Z. Rahman, S. Polamreddy, “Process Realization for 3-D ICs using Fine Pitch Through Silicon Vias,” invited paper for SSDM, Tokyo, September 2004.

**Schaper, Leonard W.**, and Silke A. Spiesshoefer, “3D IC Stacking for Integrated Signal Processing,” Fraunhofer Institute Workshop on 3D System Integration, Dec 16, 2003, Munich, DE.

**Spicer, Tom**, “Modeling the Initial Velocity of Aerosol Jets,” Mary Kay O’Connor Process Safety Center – 2003 Process Plant Safety Symposium, College Station, Texas, October 2003.

**Springer, William T.**, "Holographic Inspection of Bolts in Tension", ASNT 12th Annual Research Symposium, March 10-14, 2003, Orlando, FL; NDE Engineering in the 21st Century, ASNT 12th Annual Research Symposium, March 10-14, 2003, Orlando, FL.

**Starling, G.**, "Generating Cycles in the Digraph  $P(n,k)$ : An Algorithm" at the 34th Annual International Southeastern Conference on Combinatorics Graph Theory and Computing in Boca Raton, FL, Spring 2004

**Teo, J.**, "Protein membrane and its application," BCC Membrane Separation Technology Planning Conference, Boston, MA., November 2003.

**Thompson, C.** "Software Architectures, Aspects, XML and Security," CSCE Department, Axiom Seminar Series, November 10, 2003

**Thompson, C.** "SUO Communicator: Agent-based Support for Small Unit Operations," IEEE Integration of Knowledge Intensive Multi-Agent Systems (KIMAS), Cambridge, MA, October 1-3, 2003.

**Thompson, C.**, "Homeland Security," one of three 20 minute faculty presentations to College of Engineering Advisory Council, October 10, 2003

**Thompson, C.**, "Pervasive Computing Initiative @ University of Arkansas," FY'04 Direct Funding Competition, December 1, 2003.

**Thompson, D.R.**, A. Apon, Y. Yuriko, J. Mache, and R. Deaton, "Training a grid workforce," poster at Oklahoma Supercomputing Symposium, Norman, OK, Sep. 25, 2003.

**Tooley, M.** and H. L. Nachtmann. "The Mack-Blackwell Rural Transportation Center." Arkansas Governor's Conference on Waterborne Transportation, Little Rock, Arkansas, 2003.

**Wang, K.C.P.**, "Automated Pavement Distress Survey through Stereovision", Contract NCHRP-88, June 26, 2003, J. Erik Johnson Woods Hole Center, Cape Cod, Massachusetts

**Warren, Kimberly**, "A Well Injection Depth Extraction (WIDE) Field Demonstration", TRB A2L03 Committee Meeting, Washington, D.C., January 15, 2003.

**Warren, Kimberly**, "Low Volume Flexible Pavements Reinforced with Geosynthetics", National Science Foundation Civil and Mechanical Systems Workshop, Arlington, Virginia, September 23, 2003.

**Warren, Kimberly**, "Flexible Pavements for Low Volume Roads Reinforced with Geosynthetics", Pre-Proposal Presentation for Project TRC-0406 Committee Members, March 4, 2003.

**Warren, Kimberly**, “Geosynthetic Drains for Slope Stability and Rehabilitation”, Proposed Research Presentation at the Annual TRC Committee Meeting, November 18, 2003.

**West, L.**, "Neutron Remmeters: Principles and Calibration at the SRCC", Arkansas Health Physics Society Annual Meeting, Oct 30, 2003, Little Rock, Ark.

**Yeargan, Y.**, Invited Speaker at Plenary Session – Ibero-American Summit on Engineering Education, Sao Jose Dos Campos/Sao Paulo, Brazil, March 24-27. He also made an additional presentation on the current state of engineering accreditation in the United States and Chaired a session of the conference.

**Yeargan, Y.**, Invited Speaker, ASEE/WFEO 2nd International Conference on Engineering Education, Nashville, TN, June 20-21, 2003. The topic of his presentation was “ABET and International Accreditation.

**Yeargan, Y.**, Presentation to ABET’s Computer Accreditation Commission, Crystal, City, VA. July 24, 2003. The topic of his presentation was ABET’s progress on defining Information Technology.

**Yeargan, Y.**, IEEE Workshop on Accreditation, Helsinki, Finland, September 28-30, 2003. He made a presentation on Engineering Accreditation in the United States and also chaired a session of the workshop.

**Yeargan, Y.**, Invited Speaker at the API/UPADI Conference on Engineering Education, Montevideo, Uruguay, October 9-11, 2003. The topic of his presentation was accreditation of Engineering, Technology, and Computing in the United States. He also participated in a meeting of the “Engineer of the Americas” taskforce at this meeting.

## **OTHER LECTURES, PAPERS & ORAL PRESENTATIONS**

Oliva, **S. S. Ang**, J. C. Balda, and H. Chiacchiarini, “Harmonic Distortion Reduction in Power Inverters”, presented at Power Electronics Specialists Conference (PESC04), Germany, June 2004. (Poster presentation)

Zhang, K. L., S. K. Chou ,and **S. S. Ang**, “Design, Fabrication and Testing of a Solid Propellant Microthruster,” PowerMEMS 2003 , December 2-5, 2003, Tokyo, Japan.

Olivia, A., **S. S. Ang**, A. Aymonino, and H. Chiacchiarini , “Harmonic Distortion Reduction in Power Inverters,” IEEE International Conference on Industrial Technology ICIT’03, December 10-12, 2003, Maribor, Slovenia.

Olivia, A., **S. S. Ang**, A. Aymonino, and H. Chiacchiarini, “A Wide-Range Switching Current Source,” X RPIC, October 8-10, 2003, San Nicolas, Argentina.

Deng, C., **S. S. Ang**, H. Feng, A. O. Tay, M. D. Rotaru, and D. Keezer, "A MEMS Based Interposer for Nano-Wafer Level Packaging Test," Electronics Packaging Technology Conference, December 10-12, 2003, Singapore.

Saxena, K., G. Wang, **S. S. Ang**, A. Elshabini, and F. Barlow, "Low-Temperature Co-fired Ceramic MEMS Impingement Coolers," 14th European Microelectronics and Packaging Conference: EPMC 2003, June 23-25, 2003, Friedrichshafen, Germany.

Deng, C., **S. S. Ang**, T. C. Chai, and A. O. Tay, "A Time-Domain-Reflectometry Characterization Technique for Packaging Substrates," Electronics Packaging Technology Conference, December 10-12, 2003. Singapore.

Zhang, K. L., S. K. Chou, **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, December 2-5, 2003 Singapore.

Plaza, Jorge and **R. E. Babcock**, "A Stock Tank Emissions Model Based on Gas Solubility," Presentation, International Petroleum Environmental Conference, Houston, TX, Nov., 2003.

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Morgan, R., A. Ludwig, B. Schafer, E. Cummings, and **M. Matlock**. 2003. Restoring ecological services to an urban stream. ASAE International Meeting, Las Vegas, NV, July 2003.

**Matlock, M.D.**, 2003. Collaborative Learning as a tool for Analysis and Deliberation in Watershed Policy Development. Geological Society of America Annual Meeting, Seattle, WA. Nov. 3, 2003.

**Matlock, M.D.**, R. Kiesling, D. Storm, B. Haggard, 2003. Developing a Phosphorus Threshold for Ozark Streams. Invited Presentation, USEPA Region VI Technical Advisory Group Meeting, Dallas, TX. December 2, 2003.

**Matlock, M.D.**, I. Chaubey, B. Haggard, and T. Costello, 2003. Engaging Stakeholders in Watershed Management Processes Using a Decision Support System. "Changing Sciences for a Changing World: Building a Broader Vision" 2003 ASA-CSSA-SSSA Annual Meetings, Denver, Colorado. November 2-6, 2003.

Ekka, S., B. Haggard, **M.D. Matlock**, and I. Chaubey. 2003. Nutrient cycling in urban streams. ASAE International Meeting, Las Vegas, NV, July 2003.

**Murphy, R.Y.** 2003. ThermoPro — an integrated approach in thermal processing and food safety. March 21, 2003. USDA-FSIS. Washington DC.

**Murphy, R.Y.** Eliminating *Listeria monocytogenes* from packaged and refrigerated ready-to-eat poultry products. National Alliance for Food Safety Annual Meeting. August 9, 2003. New Orleans, LA.

**Murphy, R. Y.** 2003. Process Validation. October 9, 2003. Thermal Processing, Safety, and Validation Workshop. Fayetteville, AR.

**Murphy, R. Y.** 2003. Improving process control to ensure food safety. October 7, 2003. Thermal Processing, Safety, and Validation Workshop. Fayetteville, AR

**Murphy, R.Y.**, K.H. Driscoll, and B.L. Beard. 2003. Heat transfer coefficient in different thermal processing systems for meat and poultry products. 29D-12. IFT Annual Meeting. July 12-16, Chicago, IL.

**Murphy, R.Y.** 2003. A model for heat/mass transfer and pathogen kinetics. March 17, 2003, American Meat Institute. Washington DC

**Murphy, R.Y.** 2003. A model for heat/mass transfer and pathogen kinetics. March 18, 2003. Food and Drug Administration. Washington DC

**Murphy, R.Y.**, J.A. Marcy, B.L. Beard, and N. Feze. 2003. Thermal inactivation of *Listeria monocytogenes* in vacuum-packaged ready-to-eat poultry products during post-cook in-package pasteurization. 85-6. IFT Annual Meeting, July 12-16, Chicago, IL. (oral)

**Murphy, R.Y.**, 2003. Thermal process modeling. July 9, 2003. USDA-FSIS. Technical Service Center, Omaha, NE

Osaili, T.M. and **R.Y. Murphy**. 2003. Thermal inactivation of *Salmonella* and *Listeria* in chicken leg quarters during steam and air impingement cooking. 85-3. IFT Annual Meeting. July 12-16, Chicago, IL. (oral)

Osaili, T.M. and **R.Y. Murphy**. 2003. Thermal inactivation D and z values of Salmonella Senftenberg in chicken dark muscle meat. 60C-22. IFT Annual Meeting, July 12-16, Chicago, IL.

Davidson, M., **R.Y. Murphy**, and J.A. Marcy. 2003. Thermal inactivation kinetic values for E. coli O157:H7 in commercially formulated beef franks. The Second Governor's Conference on Ensuring Meat Safety: E. coli Progress and challenges. April 7-8, 2003, Lincoln, Nebraska

**Myers, William A.**, "A Tale of Three Chemists – Friedrich Wöhler and the War Between the States," Presentation at National meeting of the American Chemical Society, New York City, September 8, 2003.

**Myers, William A.**, "A Tale of Three Chemists - Friedrich Wöhler and the War Between the States," Invited lecture at the Graduate School of Engineering; Hokkaido University; Sapporo, Japan, May 25, 2004.

**Nachtmann, H. L.** and J. R. Chimka. "Fuzzy Reliability in Conceptual Design." Reliability and Maintainability Symposium, Tampa, FL, 2003.

**Naseem, H. A.**, M. Saad Abbasi, H. A. Safe, A. Al-Shariah, and W. D. Brown, "Investigation of Aluminum Induced Crystallization of Amorphous Silicon using Lateral Crystallization," International Workshop on Physics of Semiconductor Devices, Dec. 15-19, 2003, Madras, Chennai, India.

**Naseem, H., Mohammad** Saad Abbasi, H. Abu Safe, W. D. Brown, "Analysis and Modeling of Aluminum Enhanced Lateral Crystallization of Hydrogenated Amorphous Silicon," Arkansas Academy of Science 87th Annual Meeting University of Arkansas, April 4-5, 2003, Fayetteville, Arkansas.

Abbasi, Saad, H. Abu-Safe, **Hameed Naseem**, and W. D. Brown, "Modeling of Aluminum Enhanced Lateral Crystallization", Symposium on Amorphous and Nanocrystalline Silicon Science and Technology-2004, Materials Research Society, April 12-16, 2004, San Francisco, California.

Abu-Safe, Husam, Marouf Hossain, **Hameed Naseem**, and William Brown, and Abdullah Al-Dhafiri, "Chlorine doped CdS thin films From CdCl<sub>2</sub> mixed CdS powder," Arkansas Academy of Science 87th Annual Meeting University of Arkansas, April 4-5, 2003, Fayetteville, Arkansas.

Hossain, M., Li Cai, Husam Abu-Safe, **Hameed Naseem**, and William. D. Brown, "Effect of Stress on Aluminum Induced Crystallization of Magnetron Sputtered Amorphous Silicon Thin Film", Symposium on Solid-State Physics, 205th Meeting of The Electrochemical Society, May 9-14, 2004, San Antonio, Texas.

Abbasi, S., Maruf Hossain, Husam Abu-Safe, **Hameed Naseem** and W. D. Brown, “Characterization of Silicon Nitride Films for the Thin Film Transistor Gate Dielectric”, Symposium on Advanced Short-Time Thermal Processing for Si-Based CMOS Devices II”, 205th Meeting of The Electrochemical Society, May 9-14, 2004, San Antonio, Texas.

Abu-safe, Husam, Marouf Hossain, **Hameed Naseem**, William Brown, and Abdullah Al-Dhafiri, “CdS:Cl Thin Films from CdCl<sub>2</sub> Mixed CdS Powder”, 14th International Photovoltaic Science and Engineering Conference, Chulalongkorn University, January 26-30, 2004, Bangkok, Thailand.

Hossain, Maruf, Husam Abu-Safe, Marwan Barghouti, **Hameed Naseem**, and William Brown, “The Effect of Substrate Temperature and Interface Oxide Layer on Aluminum Induced Crystallization of Sputtered Amorphous Silicon”, 2004 MRS Spring Meeting,: Symposium A - Amorphous and Nanocrystalline Silicon Science and Technology, April 12-16, 2004, San Francisco, California.

Abbasi, Saad, H. Abu-Safe, **Hameed Naseem**, and W. D. Brown, “Modeling of Aluminum Enhanced Lateral Crystallization”, Materials Research Society PV 808: Amorphous and Nanocrystalline Silicon Science and Technology-2004, Materials Research Society, April 2004, San Francisco, California.

Paduru, Sampath, H. Abu-Safe, **Hameed Naseem**, Adnan Al-Shariah, and W. D. Brown, “CW Argon-Ion Laser Initiated Aluminum Induced Crystallization of a-Si Thin Films”, Materials Research Society PV 808: Amorphous and Nanocrystalline Silicon Science and Technology - 2004, Materials Research Society, April, 2004, San Francisco, California.

Shariah, M., **H. A. Naseem**, and S. P. Singh, “Crystallization of a-Si in contact with aluminum metal by cw laser,” Arkansas Academy of Science 87th Annual Meeting University of Arkansas, April 4-5, 2003, Fayetteville, Arkansas.

Barghouti, Marwan, Husam Abu-safe, and **Hameed Naseem**, “Effect of silicon dioxide interface of aluminum induced crystallization of hydrogenated amorphous silicon,” Arkansas Academy of Science 87th Annual Meeting University of Arkansas, April 4-5, 2003, Fayetteville, Arkansas.

**Nutter, D. W.**, L Knab, and J. Balda, NVLAP TECH BRIEF, Proficiency testing of electric motors, Round 1, National Institute of Standards and Technology (NIST), January 2003.

**Nutter, D. W.** and L Knab, NVLAP TECH BRIEF, Proficiency testing of thermal insulation materials, Round 28, National Institute of Standards and Technology (NIST), March 2003.

**Osborn, G.S.** and M.D. Matlock. 2003. A Portable Oxygenator for Enhancing Biological Treatment Processes in Water Ecosystems. ASAE Technical Meeting Presentation no. 037035. ASAE. St. Joseph, MI.

Waggoner, A.T., **G.S. Osborn**, S.R. Pinson. 2003. Using a Moisture Transport Model for Identifying the Genes Expressing Field Fissure Resistance in Rice Seed. ASAE Meeting Technical Paper No. 036193. ASAE. St. Joseph, MI.

Charbonnet, D., **G.S. Osborn**, M.D. Matlock, and P.K. Haan. 2003. Using a Spreadsheet-Based Model to Determine In-Stream Sediment Oxygen Demand from Simple Field and Lab Measurements. ASAE Meeting Technical Paper No. 032284. ASAE. St. Joseph, MI.

Mannath, D., **Schaper, L.**, and R. Ulrich, "Advanced Decoupling in High Performance IC Packaging," 54th ECTC.

**Schaper, L.**, Spiesshoefer, S., Burkett, S., Vangara, G., Rahman, Z., "Through Silicon Vias as an Enabling Technology for Dense VLSI Systems," 54th ECTC.

Spiesshoefer, S., and **L. W. Schaper**. "IC Stacking Technology Using Fine Pitch, Nanoscale Through Silicon Vias." 53rd ECTC, May 2003, New Orleans.

**Schmidt, William F.** and O. H. Zinke, "Electromagnetic Detection of Stress Gradients at the Surface of Metals," Review of Progress in Quantitative Nondestructive Evaluation Conference, Green Bay, Wisconsin, July 27-August 1, 2003.

**Soerens, T.**, Fite, E., and Hipp, J., "Water Quality In The Illinois River: Conflict And Cooperation Between Oklahoma and Arkansas", Proceedings of the 7th International Conference – Diffuse Pollution and Basin Management, Dublin, Ireland, August 2003.

**Spicer, Tom**, "Modeling the Initial Velocity of Aerosol Jets," Mary Kay O'Connor Process Safety Center – 2003 Process Plant Safety Symposium, College Station, Texas, October 2003.

**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.

**Teo, J.**, "Protein membrane and its application," BCC Membrane Separation Technology Planning Conference, Boston, MA., November 2003.

**Tung, S.**, J.-W. Kim, A. Malshe, C.C. Lee, and R. Pooran. 2003. A Cellular Motor Driven Microfluidic System. Transducers'03 – 12th International Conference on Solid-State Sensors, Actuators and Microsystems, Boston, MA.

**Tung, S.**, J.W. Kim, A. Malshe, C.C. Lee, and R. Pooran. 2003. A Cellular Motor Driven Microfluidic System. Transducers'03 – 12th International Conference on Solid-State Sensors, Actuators and Microsystems, Boston, MA.

**Vories, E.D.** and P.L. Tacker. 2003. Investigating a multiple inlet approach to reduce water requirements for rice production. ASAE Annual Meeting, Las Vegas, NV, July 29.

**Vories, E.D.**, R.E. Glover, K.J. Bryant and P.L. Tacker. Estimation the cost of delaying irrigation for mid-South cotton on clay soil (poster). Beltwide Cotton Prod. Res. Conf., NCC, Nashville, TN, Jan 7-10.

**Vories, E.**, J. Greene, W. Robertson, P. Tacker, T. Teague, B. Phipps, L. Pringle and S. Hague. Determining the optimum timing for the final irrigation on mid-South cotton. Beltwide Cotton Prod. Res. Conf., NCC, Nashville, TN, Jan 9.

**Vories, E.D.**, R.E. Glover, K.J. Bryant and P.L. Tacker. 2003. Estimation the cost of delaying irrigation for mid-South cotton on clay soil. Proc. Beltwide Cotton Prod. Res. Conf. Nat. Cotton Council, Memphis, TN:656-661 (CD ROM).

**Vories, E.D.**, J. Greene, W. Robertson, P. L. Tacker, T. Teague, B. Phipps, L. Pringle and S. Hague. 2003. Determining the optimum timing for the final irrigation on mid-South cotton. Proc. Beltwide Cotton Prod. Res. Conf. Nat. Cotton Council, Memphis, TN:548-553 (CD ROM).

**Vories, E.D.**, and P.L. Tacker. 2003. Investigating a multiple inlet approach to reduce water requirements for rice production. ASAE Paper No. 032014. ASAE, St. Joseph, MI.

**Wang, K.C.P.**, Nunn, C., and et al. "Network Level Crack Survey with the Automated Real-Time Distress Analyzer", CD-ROM Publication of the 2003 Annual Meeting, Transportation Research Board, Washington, D.C.

**Wang, K.C.P.** and Gong, W., "Parallel Implementation of Imaging Algorithms for an Automated Real-Time Cracking Survey System", CD-ROM Publication of the 2003 Annual Meeting, Transportation Research Board, Washington, D.C.

**Wang, K.C.P.** "Attacking 1-Millimeter Resolution for Automated Distress Survey", October 28 2003, 2003 Road Profiler Users Group, Marriott Airport South, Austin, Texas

**Wang, K.C.P.**, "Automated Pavement Distress Survey through Stereovision", NCHRP-88, IDEA, September 10, 2003

**Warren, Kimberly**, "A Well Injection Depth Extraction (WIDE) Field Demonstration", 2003 Soil Rock America Conference at MIT, Cambridge, Massachusetts, June 24, 2003.

**Cai, L.** and H. Abu-Safe. "Investigation of the Impact of Stress on Aluminum-Induced Crystallization of Amorphous Silicon." 205th Meeting of The Electrochemical Society, San Antonio, Texas, May 12, 2004.

**Williams, Stacy G.**, "The Effects of HMA Mixture Characteristics on Rutting Susceptibility", 82nd Annual Transportation Research Board Meeting, Washington D.C., 2003.



**Williams, Stacy G.**, “Effects of Various HMA Material Properties on Pavement Performance”, 76th Transportation Research Committee meeting, Arkansas State Highway and Transportation Department, 2003

Tang, H., **Zou, M.**, Stoebe, T., Rao, M., Ryun S., Li, X., and Gui, J., “Experimental Verification of Drive Stiction Model,” 4th International Conference on Tribology of Information Storage Devices, Monterey, CA, December 1-3, 2003.

Dayan, Joshua, Green, Itzak, **Zou, Min**, “Control of the Rotordynamic Behavior of Mechanical Face Seals - Analytical and Experimental Results,” to be presented at 10th International Symposium on Rotating Machinery (ISROMAC), Honolulu, Hawaii, March 7-11, 2004.

**Zou, Min**, Li Cai, Yong Qiang Wang, “Surface Engineering for Stiction and Friction Reduction Using Nanotechnology”, 11-06-03

**Sohraby, K.** “Link Restoration Strategies and Performance in Optical Mesh Networks”, National Fiber Optics Conference, Orlando, Florida, September 9, 2003.

**Sohraby, K.** “Call Admission Control in Converged Networks”, Conference on Applied Research in Information Technology, Acxiom Laboratory for Applied Research, Little Rock, AR, February 27, 2004, and at CSCE Faculty Research Seminar, September 20, 2003.

**Thompson, C.**, “Middleware”, CSCE Department Acxiom Seminar Series, February 13, 2004.

**Thompson, C.**, “Natural Language Query Service for the Semantic Web”, CSCE Faculty Research Seminar, February 25, 2004

**Thompson, C.**, W. Li, C. Bayrack, “A Framework to Automate the Generation of BCDI Process Flows”, Conference on Applied Research in Information Technology, Acxiom Laboratory for Applied Research, Little Rock, AR, February 27, 2004

**Thompson, C.**, “Digital Fort Knox: Precision Information Sharing”, to Jonathan Askins (Acxiom Govt Division) and Geoff Shaw, Chief Strategist for Extreme Risk Solutions, Lockheed Martin Management and Data Systems

**Thompson, C.**, “Digital Fort Knox: Precision Information Sharing”, to Asa Hutchison and Charles McQueary, Undersecretaries of Department of Homeland Security, April 16, 2004

Townsend, W., J. A. Abraham, **P. K. Lala**, “On-line error detection in a carry-free Adder”, IEEE International Symposium on On-Line Testing, July 7-9, 2003, Rhodes, Greece.

## **Patents**

**Lee, Wookwon**, Power Control of a Multi-Subchannel Mobile Station in a Mobile Communication System, (with N. Secord – external collaborator), US Patent No. 6,690,944, awarded on Feb. 10, 2004.

Beera, R. A., **A. P. Malshe**, H. A. Naseem, and W. D. Brown, “Process and Apparatus For Applying Charged Particles to a Substrate, Processes For Forming a Layer on a Substrate, Products Made Therefrom”, Issued April 8, 2003, Patent Number 6,544,599.

**Malshe, A. P.**, S. N. Yedave, W. C. Russell, D. G. Bhat, and W. D. Brown, “Cubic Boron Nitride Composition Coating and Articles Made Therefrom, Methods of Making and Using Said Composition, Coating and Articles”, Issued August 19, 2003, Patent Number 6,607,782.

**Naseem, Haseed A.**, M. Shahidul Haque, and W. D. Brown, “Method of Doping Silicon, Metal Doped Silicon, Method of Making Solar Cells, and Solar Cells”, Issued September 2, 2003, Patent Number 6,613,653.

**Schaper, L.** was awarded Patent 6,516,504, “Method of making capacitor with extremely wide band low impedance,” issued Feb 11, 2003.

**Schaper, L.** was awarded Patent 6,707,680, “Surface Applied Passives,” issued March 16, 2004.

## **VIDEO PRODUCTIONS**

**Gattis, J. L.** “Driving in Orange”, Work Zone Driving Public Service Instructional Videos, December 5, 2003.

## SCHOOL OF LAW

### Howard Brill

#### Publications

2004 Supplement to ARKANSAS LAW OF DAMAGES, October 2003.

#### Lectures/Speeches/Presentations

Gave eight lectures (four hours each) on Civil Procedure, Domestic Relations, and Equity in bar review courses in Little Rock and Fayetteville, June 2003.

“Current Developments in Legal Ethics,” Univ. of Arkansas Fort Smith Program, April 2003.

“Ethics in the Movies of John Grisham,” Annual Meeting of the Arkansas Bar Association, Hot Springs, June 2003.

“Proposed Changes in the Rules of Professional Conduct,” Sebastian County Bar Association, November 2003.

### Chauncey Brummer

#### Publications

“The Shackles of Covenant Marriage: Who Holds the Keys to Wedlock?,” UALR Law Review (Volume 25, Number 2, Winter 2003).

#### Lectures/Speeches/Presentations

“Legal Issues in Higher Education,” American Council on Education Fellows Program, Washington, DC, 2003.

### Carl Circo

#### Lectures/Speeches/Presentations

“Post-Closing: Malpractice Risk, Management Nightmare and Mundane Details,” Kansas Bar Association’s seminar, “The Anatomy of a Real Estate Transaction,” Overland Park, Kansas, October 2003.

Invited Participant, Education Committee Workshops, "Back to Law School as an Adjunct Professor," and "New Tricks: Enhancing Teaching Effectiveness," American College of Real Estate Lawyers Fall meeting, New Orleans, Louisiana, October 2003.

#### Janet Flaccus

##### Publications

"Children and Divorce: A Bad Combination and How to Make it Better," 2003 Ark. L. Notes 13.  
"Joint and Several Liability and Partnership Law," 2003 Ark. L. Notes 79.

##### Lectures/Speeches/Presentations

"New Article 2 and 2A," Fall Legal Institute, October 2003.

#### Sharon Foster

##### Publications

"Untangling the Web of International Competition Law," 107 Dick. L. Rev. 775 (Spring 2003).

##### Lectures/Speeches/Presentations

Commentator on international competition law issues, Association of American Law Schools Conference, Washington, DC, January 2003.

Participant in European Union Conference organized by the A.H.R.B. Research Conference on public domain issues relating to European Union copyright law, February 2003.

#### Morton Gitelman

##### Publications

LAND USE, 6<sup>th</sup> edition by Gitelman, Nolon, Salkin & Wright, published by West Group, pp. 1436, December 2003.

"Tribute to Wylie Davis," 56 Ark. L. Rev. 515 (2003).

"The Civil Side of Judge Parker," 56 Okla. L. Rev. 129 (2003).

#### Carol Goforth

##### Publications

"Arkansas Code § 18-16-101: A Challenge to the Constitutionality and Desirability of Arkansas' Criminal Eviction Statutes," 2003 Ark. L. Notes 21.

#### Donald Judges

##### Lectures/Speeches/Presentations

"Clinical and Forensic Assessment of the Risk of Future Dangerousness," Psychology Department's Clinical Case Conference, February 2003.

"Legal Aspects of the Use of Less-Lethal Force," Local Law Enforcement Officers, February 2003.

Moderated panel discussion concerning capital punishment, Law School, March 2003.

"Eyewitness Evidence," University of Minnesota School of Law, April 2003.

Gave lectures on Torts in bar review courses in Little Rock and Fayetteville, May 2003.

Recorded interview on capital punishment, KUAF Radio, June 2003.

“Constitutional and Statutory Principles Governing Search and Seizure of Computer-Based Evidence,” (co-taught half-day workshop), Computer Science and Computer Engineering Department, October 2003.

Christopher Kelley

Publications

Agriculture in DEVELOPMENTS IN ADMINISTRATIVE LAW AND REGULATORY PRACTICE, 2001-2002 139 (Jeffrey S. Lubbers, ed. 2003).

“An Overview of the Packers and Stockyards Act,” 2003 Ark. L. Notes 35.

Lectures/Speeches/Presentations

CLE Presentation, American Agricultural Law Association 2003 Annual Education Conference, San Antonio, Texas.

CLE Presentation, Agricultural Law CLE, Kansas Bar Association, Topeka, Kansas.

CLE Presentation, Agricultural Law CLE, Nebraska Bar Association, Grand Island, Nebraska.

CLE Presentation, 7<sup>th</sup> Annual Joint Environmental Law Conference, Arkansas Bar Association, Eureka Springs, Arkansas.

Mark Killenbeck

Publications

“Dedication, The Commerce Clause: Past, Present and Future,” 55 Ark. L. Rev. 705 (2003).

“The Hand Maid of Liberty?,” 55 Ark. L. Rev. 711 (2003).

“Madison, M’Culloch, and Matters of Judicial Cognizance: Some Thoughts on the Nature of Judicial Review,” 55 Ark. L. Rev. 901 (2003).

Lectures/Speeches/Presentations

“Affirmative Action and Diversity: The End of the Beginning, or the Beginning of the End?,” America’s Greatest Challenge: Toward Higher Quality African-American Education and Achievement Symposium, sponsored by the Educational Testing Service, Princeton, New Jersey, October 2003.

Participant, Measurement and Research Issues in a New Accountability Era Conference, Educational Testing Service, New York, New York, October 2003.

Judith Kilpatrick

Publications

“Ethical Issues in Representing Clients with Diminished Capacities,” 2003 Ark. L. Notes 57.

“Arkansas’ Early African-American Lawyers, A History,” published through grant funding by UA Printers, 2003.

Developed web site – <http://www.arkansasblacklawyers.net> – to offer biographical information on more than 75 black men who practiced law in Arkansas between 1865 and 1950. This site is based on Prof. Kilpatrick’s research, and is intended to disseminate knowledge to the public about the role of African-Americans in the state’s development.

### Lectures/Speeches/Presentations

“Civil Rights Seekers: The More Things Change, The More They Remain The Same” (with Professor Ann Juergens and author Hannibal Johnson), Hartman Hotz lecture, School of Law, January 2003.

Producer/Speaker, CLE program, Mediation Project Training, School of Law, January 2003.

“Proposed Changes in Rules of Professional Conduct,” Third Judicial District Trial Practice Seminar, September 2003.

### Robert Laurence

#### Publications

“Antipodean Reflections on American Indian Law,” 20 Ariz. J. Int’l & Comp. L. 533 (2003).

“Indian Law Scholarship and Tribal Survival,” 27 Am. Ind. L. Rev. 503 (2003).

“The Avoidance by an Arkansas Bankruptcy Trustee of a Mortgage Defectively Acknowledged,” 2003 Ark. L. Notes 1.

“Cowboys and Vegetarians: The American Horse Slaughter Prevention Act,” 2003 Ark. L. Notes 103.

### Lectures/Speeches/Presentations

“Antipodean Reflections on American Indian Law,” University of California–Davis, 2003.

“Debtor-Creditor” CLE Presentations in Little Rock and Fayetteville, 2003.

Presentations at Indian Law Conferences in Iowa City, Iowa, and Albuquerque, New Mexico, 2003.

### Robert B Leflar

#### Publications

“Error, Safety, and Accountability: Crafting Information Systems on Medical Mistakes in America and Japan,” 2003 Amerika-Hü 1-24 (in Japanese) (Tomoko Mise, trans.).

“Two Societies’ Responses to the Problem of Medical Error: The Tension Between Patient Safety and Public Accountability, 1133 Hanrei Times 20-27 (2003) (in Japanese) (Tomoko Mise, trans.).

“The Civil Justice Reform Act and the Empty Chair, 2003 Ark. L. Notes 67.

“How the Civil Justice Reform Act Changes Arkansas Tort Law,” 38(4) Ark. Lawyer 26-28, 38 (Fall 2003).

### Lectures/Speeches/Presentations

“Dilemmas of Quality Improvement in Japanese Health Care,” Health Law Teachers Conference, Wilmington, Delaware, June 2003.

“Japanese Law and Medicine through the Eyes of an American Health Law Scholar: Remarks Presented at the Celebration of the Publication of Mr. Tatsuo Kuroyanagi’s Book,” Tokyo, July 2003.

“Dilemmas of Quality Improvement in American and Japanese Health Case,” Japan Ass’n of Pharmaceutical Medicine,” Tokyo, July 2003.

“Patient Safety and Medical Governance,” Univ. of Tokyo Int’l Center for Comparative Law & Politics Symposium on Governance in Modern Society, Tokyo, July 2003.

“Remarks on Civil Justice Reform,” UALR Symposium for Arkansas Insurance Day, Little Rock, October 2003.

“Medical Error in Japan and the U.S.: Dilemmas, Attempted Solutions, and Resistance to Change,” Dep’t of Asian Studies, University of Texas at Austin, October 2003.

“Tort Law Reform in Arkansas and Its Practical Consequences,” Fall Legal Institute, Fayetteville, October 2003.

“The Perils of Comparative Health Law Research and How to Elude Them,” St. Louis U. School of Law, November 2003.

Mary Beth Matthews

Lectures/Speeches/Presentations

“The Paper Chase: It’s Not Just Paper Anymore,” Arkansas Bar Association Hot Topics Seminar, March 2003.

Michael Roberts

Lectures/Speeches/Presentations

“A Practical Guide: The Attorney’s Role in Farm Business Development and Funding,” American Agricultural Law Association (AALA), August 2003, and also to Rural Attorneys’ Conference hosted by Drake Law School.

Susan Schneider

Lectures/Speeches/Presentations

“Federal Farm Program Payments and Bankruptcy,” Farm, Ranch and Agribusiness Bankruptcy Institute, Lubbock, Texas, September 2003.

“The Changing Face of Agricultural Law,” Minnesota Bar Association Agricultural Law Institute, 2003.

Terry Jean Seligmann

Publications

Chapters in “Bringing Arkansas Special Education Law into Focus,” CLE materials published by MEDS/PDN, November 2003.

Lectures/Speeches/Presentations

“Autism and In-Home Therapy: How the Courts are Sorting it Out,” Virginia Education Law Conference, Williamsburg, Virginia, April 2003.

“Special Education Law”(seminar co-taught with attorney Donn Nixon of Jonesboro), sponsored by MEDS/PDN, November 2003.

Steve Sheppard

Publications

“Arkansas 1, Texas 0: Sodomy Law Reform and the Arkansas Law,” 2003 Ark. L. Notes 87.

“The Metamorphoses of Reasonable Doubt: How Changes in the Burden of Proof May Weaken the Presumption of Innocence,” 78 Notre Dame Law Review 1165 (2003).

“Passion and Nation: War, Crime, and Guilt in the Individual and Collective,” 78 Notre Dame Law Review 761 (2003).

Lectures/Speeches/Presentations

“Evil and International Affairs: Moral Rhetoric, Reality and Responsibility, A Faculty Development Workshop, Carnegie Foundation for Ethics and International Affairs,” McGill University, Montreal, Canada, June 2003.

“Legal Scholarship and the Courts in the United States,” Common Law and Europäische Rechtsgeschichte, Scholß Rauschholzhausen, Germany, April 2003.

John Watkins

Publications

2003 Supplement to NEWBERN & WATKINS, ARKANSAS CIVIL PRACTICE & PROCEDURE (3d ed. 2002), West Publishing Company.

Lectures/Speeches/Presentations

“The Mysteries of Rule 54(b),” Arkansas Judicial Council, Little Rock, October 2003.