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**UNIVERSITY OF ARKANSAS
FAYETTEVILLE, ARKANSAS**

FACULTY PUBLICATIONS

AND PRESENTATIONS

July 1, 2004 – June 30, 2005

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BUMPERS COLLEGE OF AGRICULTURAL, FOOD AND LIFE SCIENCES

BOOKS:

Crop, Soil and Environmental Sciences

Norman, R.J., J.-F. Meullenet, K.A. K. Moldenhauer (eds.). 2004. B.R. Wells Rice Research Studies 2003. Univ. of Ark., Agr. Exp. Stn. Res. Ser. 517. 444 pages.

Entomology

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Rainey, Daniel V., Kenneth L. Robinson, Ivey Allen, and Ralph D. Christy. “Essential Forms of Capital for Achieving Sustainable Community Development”. In *Achieving Sustainable Communities in a Global Economy: Alternative Private Strategies and Public Policies*. Ralph D. Christy editor. P. 159-178. World Scientific Publishers. 2004 ISBN: 981-238-809-5.

Biological and Agricultural Engineering

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Ye, K. Chapter 2: *E. coli* protein display and its application for directed-evolution of proteins

Ye, K. Chapter 5: Construction of a combinatorial library

Ye, K. Chapter 7: Retroviral peptide display libraries

Ye, K. Chapter 11: RNA interference and siRNA libraries

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- Su, X.L. and **Y. Li**. 2004. An automatic quartz crystal microbalance immunosensor system for *Salmonella* detection. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047043, American Society of Agricultural Engineers, St. Joseph, MI.
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- Waldroup, P.W.** 2004. Phosphorus and phytase—striking a balance between the chicken and the environment. *Proc. BASF Technical Symposium*, Atlanta GA, Jan. 27.

- Waldroup, P. W.**, C. A. Fritts, F. Yan, C. A. Keen, K. A. Zhang. 2004. Recent research in broiler nutrition. Proc. Ark. Nutrition Conference, Rogers, AR.
- Watkins, S.E.**, C.A. Fritts, and P.W. Waldroup, 2004. The interaction of sodium chloride levels in poultry drinking water and sodium chloride levels in the feed. Proceedings Southern Poultry Science Society, Atlanta GA.
- Waldroup, P.W.**, C.A. Fritts, F.D. Clark, N. M. Dale, and A.B. Batal. 2004. Evaluation of PRO*CAL processing plant byproduct in broiler starter diets. Proceedings Southern Poultry Science Society, Atlanta GA.
- Waldroup, P. W.**, Jianlin Si, Jarrod Kersey, and Christine Fritts. 2004. Lysine and methionine act independently in broiler diets. *Feedstuffs* 76 (18):11-12,14.
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- Wang, H., and **M. Slavik**. 2004. Development of Multiplex PCR Assay for the Detection of *Escherichia coli* 0157:H7, *Listeria monocytogenes*, *Salmonella* Typhimurium, and *Campylobacter jejuni* in artificially contaminated food samples. Progress Report for Food Safety Consortium.
- Wijesekera, H. D., and **G. F. Erf**. 2004. Antioxidant capacity and oxidative stress in vitiliginous Smyth line chickens and controls. *Pigment Cell Res.* 17:440.
- Wideman, R. F.**, W. J. Kuenzel, D. M. Hooge, M. E. Chapman, and C. Golden. A practical method for induced molting of caged layers that combines full access to feed and water, dietary thyroactive protein, and short day length. Final research report to United Egg producers (56 pages including 20 figures). 2004.
- Wideman, R. F.**, and G. F. Erf. Responses of two genetic lines to a cyclic heat challenge. Final research report to Hubbard ISA (30 pages plus 17 Tables and 6 Figures). 2004.
- Wideman, R. F.**, and M. E. Chapman. Pulmonary and systemic hemodynamic responses to prostacyclin in broilers. *Poultry Sci.* 83 (Supplement 1): X, 2004 (Abstract).
- Wolfenden, A.D., S.N. Henderson, R.L. Jarquin, G.M. Nava, L.R. Bielke, J.L. Vincente, G.I. Tellez, **D.J. Donoghue**, A.M. Donoghue and B.M. Hargis. 2004. *Salmonella* and *lactobacilli* growth in a simulated crop model using chicken or turkey feeds. *Poult. Sci.*, 87:104.

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INVITED LECTURES:

Agricultural Economics and Agribusiness

Cochran, Mark, Tommy Daniel and I. Chaubey. "Update on the EuchaSpavinaw Settlement Agreement." Quad State Poultry Dialogue, Fayetteville, AR May 6, 2004.

Cochran, Mark. "TransAtlantic M.S. in Agribusiness Management." University of Ghent, Ghent, Belgium. July 7, 2004.

Watkins, K. Bradley, Merle M. Anders, Tony E. Windham, and Jason L. Hill. "Economics of No-till Rice Production in Arkansas." Paper presented at the Seventh Annual National Conservation Tillage Cotton & Rice Conference, Tunica, Mississippi, January 15 - 16, 2004 (Invited Paper).

Agricultural and Extension Education

Irani, T., **Miller, J.D.**, & Tucker, M. (2004, June). Communicating about Biotechnology. Presentation at the 2004 ACE/NETC International Agricultural Communication Conference, South Lake Tahoe, NV.

Miller, J.D. (2004, November). Communicating about Biotechnology: Research and Recommendations for Practice. Presentation at the 2004 Biotechnology Conference: Examining the Issues, Tennessee State University, Nashville, TN.

Miller, J.D., Cartmell, D., & Boone, K. (2004, June). You Call This Data? Analyzing Focus Groups and Other Qualitative Methods. Presentation at the 2004 ACE/NETC International Agricultural Communication Conference, South Lake Tahoe, NV.

Miller, J.D., Wailes, E.J., Annou, M., & Danforth, D. (2004, February). Communicating Information about Biotechnology to the Public. Organized Symposium Presentation at the Annual Meeting of the Southern Agricultural Economics Association, Tulsa, OK.

Biological and Agricultural Engineering

Bajwa, S. G. 2004. Pesticide pollution risk assessment and mitigation training in Arkansas Delta. EPA Region 6 meeting, March 30, 2003, Little Rock, AR. (Invited)

- Lau, C.S., **Carrier, DJ**, J.O. Lay, Jr., L.R. Howard and E.C. Clausen, "Extraction of Antioxidants from Energy Crops," Southern Bio-Products Conference, Biloxi, MS, March, 2004. Invited.
- Carrier, DJ**, and Clausen EC, "Bioprocess Engineering" Bioresource Engineering Department, McGill University, Montreal, Canada, November 2004. Invited.
- Daniel, T.C. and **I. Chaubey**. "Eucha/Spavinaw Phosphorus Index". 2004. SERA-17 Annual International Conference. New Bern, NC. June 20-22. (Invited Presentation).
- Chaubey, I.** "Water resources, sustainable agriculture, and economic development in Arkansas: an Ecological Engineering solution". Rural Friendship Development Day conference. Fayetteville, AR. August 12, 2004. (Invited Presentation).
- Chaubey, I., S. Panda, K.L. White, M. Matlock, B. Haggard, and T.A. Costello.** "Beaver Lake watershed decision support system (BLWDSS)". 2004 Arkansas Water Resources Center Conference. Fayetteville, April 20-21, 2004 (Invited Presentation).
- Chaubey, I.** "Uncertainty analyses in hydrologic/water quality models". Environmental Dynamics Colloquium, University of Arkansas, Fayetteville. January 26, 2004. (Invited Presentation).
- Costello, T. A.** and L. A. Roe. 2004. Utilization of poultry litter as source of heat for poultry production. Poultry Litter and Renewable Resource Seminar <http://www.epa.gov/earth1r6/6pd/pd-u-sw/wte_chickenseminar.htm>, EPA Region 6, Fayetteville, AR, May 5 (invited).
- Kim, J.-W.** and R. Deaton. 2004. Genome-Enabled Medical Diagnosis Using a Biological Memory. 2004 Arkansas Biosciences Institute Fall Research Symposium, October 28, Little Rock, AR. Invited
- Kim, J.-W.**, Steve Tung, and R. Deaton. 2004. Interfacing Micro-/Nano-Scale Biological and Abiological Materials for Bio/Abio Hybrid Systems. 206th Meeting of the Electrochemical Society (Biological Nanostructures, Materials, and Applications Session), Honolulu, Hawaii. Invited.
- King, JW, Clausen, EC, **Carrier, DJ**. "Optimization and Experimental Pitfalls in the Use of Subcritical Fluids". Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. Invited.
- Matlock, Marty.** Keynote Speaker: The Role of the Academic Community in Balancing Economic and Environmental Sustainability. Oklahoma Academy on State Planning, Oklahoma City, Oklahoma, January 2005. Invited.

Matlock, Marty. Organizer and host, two Statewide NPS Stakeholder Meetings, Little Rock, AR, August and November 2004. Invited.

Matlock, Marty. Monitoring and Managing Ecological Services in Arkansas. Arkansas Water Policy Meeting, Littlerock, AR, November 2004. Invited.

Matlock, Marty. Chair, Interstate Water Resource Conflict session, Arkansas Watershed Advisory Group, Littlerock, AR September 2004. Invited.

Matlock, Marty. Urban Landscape Impacts on Sediment Loads to Streams. Session honoring Dr. Bill Barfield, ASAE , Toronto, Canada. July 2004. Invited.

Matlock, Marty. Host and Chair of the American Ecological Engineering Society Fourth Annual Meeting, Fayetteville, AR, June 2004. Invited.

Matlock, Marty, R. Morgan, T. Daniels 2004. The state of water in Arkansas. ANR Extension Annual Meeting, March 2004. Invited.

Matlock, Marty, I. Chaubey, B. Haggard, D. Storm, M. Smolen, and W. Focht. 2004. Developing a Nutrient Management Decision and Educations Support System (NMDSS). USDA-CSREES Annual Meeting, Tampa, Florida, January 2004. Invited.

Matlock, Marty, 2004. Chair, Ecological Engineering Symposia, Institute of Biological Engineering Annual Meeting, January 2004. Invited.

Osborn, G.S. “How Biological Engineering Can Contribute to Bioinformatics” Made to Biosciences and Bioinformatics Seminar Series at U of A, Little Rock. Invited.

Tung, S. and **Kim J.-W.**. 2004. Flagellar Motor Based Micro Hybrid Devices. 26th Annual International Conference IEEE Engineering in Medicine and Biology Society (EMBS), San Francisco, CA. Invited.

Tung, S. and **Kim, J.-W.**. 2004. Molecular Motors. IEEE International Conference on Robotics and Biominetics (ROBIO), Shenyang, China. Invited

Food Science

Bautista, R. C. and T. J. Siebenmorgen. 2004. Updates on rice processing research at the University of Arkansas Rice Processing Program. Seminar presented to Coopar, Montevideo, Uruguay. August.

Chung, W. K., A. Han, J-F. Meullenet, T. J. Siebenmorgen. 2004. Effect of accelerated aging treatment on rough rice AACC. San Diego, CA.

- Hettiarachchy N. S.** 2004. Super healthy brown rice. Arkansas Rice Research and Promotion Board.
- Hettiarachchy, N. S.** and R. Horax. 2004. Selected Arkansas grown exotic vegetables, herbs, and legumes as nutraceutical and functional food ingredients. University of Arkansas, Pine Bluff. August.
- Hettiarachchy, N. S.,** A. Davis and S. Theivendran. 2004. Antimicrobial extract from probiotic fermented rice bran. San Francisco, November 7-10.
- Hettiarachchy, N. S.** and R. Horax 2004. Antioxidant and antimutagenic activities of bitter melon. Arkansas Biosciences Institute, Little Rock, Arkansas. August 4.
- Howard, L.** 2004. "Effect of processing on phytonutrient content of fruits and vegetables". American Society for Horticultural Science Annual Meeting. Austin, TX. July 19.
- Howard, L.** 2004. "Flavonoid content and antioxidant capacities of selected spinach genotypes" National Spinach Conference. San Antonio, TX. December 16.
- Howard, L.** 2004. "Screening for antioxidant activity in fruits and vegetables: comparison of oxygen radical absorbance capacity (ORAC), ferric reducing antioxidant power (FRAP) and photochemiluminescence (PCL) assays". The First International Congress on Antioxidant Methods. Orlando, FL., June 16.
- Howard, L.** 2004. "Screening varieties selections of fruits and vegetables for antioxidant capacity". Institute of Food Technologists Annual Meeting. Las Vegas, Nevada. July 13.
- Meullenet, J-F** and R. Xiong. 2004. Bootstrapping penalty analysis: A tool to test the significance of penalties. Oral. Sensometrics meeting, Davis, CA.
- Meullenet, J-F.** and R. Xiong. 2004. Consumer segmentation using Jackknife clustering and key driver analysis by PLS. Poster. Sensometrics meeting, Davis, CA.
- Morris, J. R.** 2004 Quality grapes and wine with vineyard mechanization. French Camp Vineyards, Paso Robles Vintners and growers. January.
- Morris, J. R.** 2004. U of A vineyard mechanization system and its impact on quality of grapes and wine. E.J. Gallo Headquarters in Modesto, CA. January.
- Morris, J. R.** 2004 University of Arkansas vineyard mechanization system and its impact on wine quality. Unified Wine and Grape Symposium in Sacramento, CA. January.
- Morris, J. R.** 2004 Using vineyard mechanization and maintaining quality. Paso Robles Wine Alliance, July. Paso Robles, CA.

- Morris, J. R.** 2004 Using vineyard mechanization as a total system. Symposium on Vineyard Mechanization and Quality. Clarksburg, CA. July.
- Siebenmorgen, T. J.** 2004. (1) Moisture adsorption effects on milling quality. (2) Equilibrium moisture content; fundamentals and calculation. (3) Explanation and use of Bindryer. Presented as parts of extension workshops in Dexter, MO (October 26), Little Rock, AR (October 27), and Beaumont, TX (October 28).
- Siebenmorgen, T. J.** 2004. (1) The fundamentals of psychrometrics. (2) The causes and prevention of residual breakage. Presented to rice mill personnel of Riceland Foods. Stuttgart, AR. December 17.
- Siebenmorgen, T. J.** 2004. Milling quality factors. Presentation at the Rice Research and Extension Center Field Day, Stuttgart, AR. August 11.
- Siebenmorgen, T. J.** 2004. Milling quality reductions that can occur due to moisture adsorption in the field. Presented to Riceland Foods Drier Board at their annual meeting. Stuttgart, AR. August 11.
- Siebenmorgen, T. J.** 2004. Progress report on post-harvest projects. Presented to the AR Rice Research and Promotion Board. Stuttgart, AR. August 10.
- Siebenmorgen, T. J.** 2004. Property variability in rice across the Mid-South rice producing region and proposed work in RiceTec phytotrons. Presented to RiceTec personnel. Alvin, TX. March 29.
- Siebenmorgen, T. J.** 2004. Results of testing on a Yamamoto rice sheller and proposed work on a Zaccaria experimental rice mill. Presented to Grain Inspection, Packing, and Stockyard Administration (GIPSA) personnel. Kansas City, MO. March 15.
- Siebenmorgen, T. J.** 2004. The U of A Rice Processing Program and demonstration of “Bindryer”, a computer software program for rice producers. Presented to Cooperative Extension Service and Ag. Exp. Station Department Heads. Heber Springs, AR. March 10.
- Siebenmorgen, T. J.** 2004. The U of A Rice Processing Program and overview of specific projects of particular relevance to the rice flour industry. Presented to management of McKee Foods. Collegedale, TN. July, 22.
- Siebenmorgen, T.J.** 2004. Overview of drying research in the AR Rice Processing Program. Presented to Coopar and members of LATU. Montevideo, Uruguay. August 25.
- Xiong, R.** and J-F. Meullenet. 2004. A novel dummy variable approach to preference mapping of likings from JAR data. Sensometrics meeting, Davis, CA.

Horticulture

- Andersen, C.R.** 2004. Introduction to the Families of Vegetable Crops, Horticulture in the Home Environment, August 27, 2004 (invited).
- Andersen, C.R.** 2004. Soils and their Management for Vegetable Crops, Horticulture in the Home Environment, September 2, 2004, (invited).
- Andersen, C.R.** 2004. Irrigation and Watering for Horticultural Crops, Horticulture in the Home Environment, September 9, 2004, (invited).
- Andersen, C.R.** 2004. Growing and Using Herbs in the Garden, Horticulture in the Home Environment, November 6, 2004 (invited).
- Andersen, C.R.** 2004. The Tomato Family Solanaceae, Horticulture in the Home Environment, November 9, 2004 (invited).
- Andersen, C.R.** 2004. The Cucurbit Family Cucurbitaceae, Horticulture in the Home Environment, November 13, 2004 (invited).
- Andersen, C.R.** 2004. The Cabbage Family Cruciferaea, Horticulture in the Home Environment, November 14, 2004 (invited).
- Andersen, C.R.** 2004. The Bean Family , Fabeacea, Horticulture in the Home Environment, November 16, 2004 (invited).
- Andersen, C.R.** 2004. Issues in Organic Vegetable Production, Horticulture in the Home Environment, November 19, 2004 (invited).
- Andersen, C.R.** 2004. Onions , Carrots, and Lettuce ,Horticulture in the Home Environment, November 21, 2004 (invited).
- Andersen, C.R.** 2004. Small Fruit Production, Horticulture in the Home Environment, November 25, 2004 (invited).
- Andersen, C.R.** 2004. Tree Fruit Production, Horticulture in the Home Environment, December 2, 2004 (invited).
- Andersen, C.R.** 2004. Nuts and Native Fruit, Horticulture in the Home Environment, December 4, 2004 (invited).
- Clark, J.R.** 2004. Blackberry cultivars: Developments and new options for growers. Virginia Grown Conference and Trade Show, Richmond, Virginia. January 16, 2004. (invited).

- Clark, J.R.** 2004. Blackberry cultivars and breeding update. Sunnyridge Farms Annual Grower Meeting, Orlando, Florida. January 18, 2004. (invited).
- Clark, J.R.** 2004. Blueberries: Review of cultivars and best production practices. Virginia Grown Conference and Trade Show, Richmond, Virginia. January 17, 2004. (invited).
- Clark, J.R.** 2004. Breeding fresh market peaches and nectarines. VA/W.V. State Horticultural Societies, Richmond, January 16, 2004. (invited).
- Clark, J.R.** 2004. Challenges in fruit breeding. Michigan State Univ. Dept Seminar, East Lansing, Michigan, March 25, 2004. (invited).
- Clark, J.R.** 2004. Changing times in eastern U.S. blackberries. Annual Conference, American Society for Horticultural Science, Austin, Texas, September 22, 2004. (invited).
- Clark, J.R.** 2004. Fruit breeding program update. Cooperative Extension Service Multi-County Fruit Growers Meeting, Cabot, Arkansas. (invited).
- Clark, J.R.** 2004. Intellectual property rights in plant breeding. Southern Fruit Fellowship Annual Meeting, Clarksville, Arkansas. (invited).
- Clark J.R.** 2004. New fruits from Arkansas. Southern Fruit Fellowship Annual Meeting, Clarksville, Arkansas. (invited).
- Clark, J.R.** 2004. Small fruits. Washington County Master Gardeners Training, Fayetteville, Arkansas (invited).
- Clark, J.R.** 2004. Thoughts on breeding intractable traits in eastern U.S. blackberries. Annual Conference, American Society for Horticultural Science, Austin, Texas, September 22, 2004. (invited).
- Clark, J.R.** 2004. Wine and table grape variety options. Tennessee Viticultural and Oenological Society Annual Conference, Knoxville, Tennessee, January 20, 2004. (invited).
- Clark, J.R.** 2004. World blackberry production. Cooperative Extension Service Multi-County Fruit Growers Meeting, Cabot, Arkansas. (invited).
- Evans, M.R.** 2004. AGIA Annual Conference. 2004. "Alternative growing media components available in Arkansas". Hot Springs, Arkansas. February 10, 2004. (Invited)
- Evans, M.R.** 2004. MDM Greenhouse Conference. "Selecting growing media components to increase disease suppressiveness". Minneapolis, Minnesota, August 23 – 25, 2004. (Invited).

- Evans, M.R.** 2004. International Bedding Plant Conference. Chicago, Illinois. “Alternative growing media components for bedding plant production”. September 18 – 21, 2004. (Invited).
- Evans, M.R.** 2004. University of Padua (Italy). Two seminars given to faculty and graduate students: “Development and characteristics of new growing media components” and “Disease suppressive growing media components”. October 9 – 18, 2004. (Invited).
- Karcher, D.E.** 2004. “Lawn Cultivation”. 2004 Arkansas Turfgrass Association Annual Conference. Hot Springs, AR January 7, 2004 (Invited).
- Karcher, D.E.** 2004. “Turfgrass Cultivation for Sports Fields”. 2004 Sports Turf Managers Association Annual Conference & Exhibition. San Diego, CA. January 22, 2004 (invited).
- Karcher, D.E.** 2004. “Who Are Your Turfgrass E-Pals?”. 2004 Sports Turf Managers Association Annual Conference & Exhibition. San Diego, CA. January 23, 2004 (invited).
- Karcher, D.E.** 2004. “Cold Tolerant Bermudagrass for Athletic Field Establishment”. Sports Field Construction & Renovation Seminar. North Little Rock, AR. February 3, 2004 (invited).
- Karcher, D.E.** 2004. “Impatient? Hasten Turf Recovery Using Cultural Practices”. 2004 Golf Course Superintendents Annual Conference and Trade Show. San Diego, CA. February 24, 2004 (invited).
- Karcher, D.E.** 2004. “Digital Technology for Turfgrass Breeding”. 2004 Turfgrass Breeders Association Meeting. San Diego, CA. February 14, 2004 (invited).
- Karcher, D.E.** 2004. “Incidence and control of algae and moss”. Das Rasenseminar (zur information und Weiterbildung). Hamburg and Konstanz, Germany; Bad Hall, Austria. June 2004 (invited).
- Goatley, J.M., E.H. Ervin, H.W. Philley, G. Munshaw, and **M.D. Richardson**. 2004. The consequences of extending the growing season of bermudagrass. ASA-CSSA-SSSA Annual Meetings, Seattle WA (invited).
- Richardson, M.D.** 2004. Weed control in seeded warm-season grasses. Southwest Turfgrass Conference, Albuquerque, NM. (invited)
- Richardson, M.D.** 2004. Spring transition in overseeded, warm-season grasses. Southwest Turfgrass Conference, Albuquerque, NM. (invited)

Richardson, M.D. 2004. How to establish bermudagrass and zoysiagrass from seed. Southwest Turfgrass Conference, Albuquerque, NM. (invited)

Richardson, M.D. 2004. Weed control in seedling bermudagrass. Turf 2004, Seeds West, Inc. Annual Field Day, Maricopa, AZ. (invited)

Richardson, M.D. 2004. Integrating seeded bermudagrasses into sports fields. Southeastern Conference Sports Turf Managers Meeting, Athens, GA. (invited)

Richardson, M.D. 2004. The expanding role of seeded bermudagrasses. SERA/SRIEG-25 Turf 2004 Meeting, Pensacola, FL. (invited)

Richardson, M.D. 2004. Update on Applied Turfgrass Science, a new E-Journal. SERA/SRIEG-25 Turf 2004 Meeting, Pensacola, FL. (invited).

Robbins, J.A. 2004. "Fertilizer Tools". Kansas Nursery & Landscape Association Summer Conference - Topeka, KS, July 24, 2005 (invited)

Robbins, J.A. 2004 "University of Arkansas Plant Evaluation Program". Arkansas Green Industry Association, January 24, 2004 (invited).

Robbins, J.A. 2004. "Fertilizer Technologies". Amer. Assoc. of Plant & Feed Control Officials (AAPFCO) , August 3, 2004 (invited).

Rom, C.R. 2004. Orchard Success: Growing more for less. Proc. of the British Columbian Fruit Forum, 42 pages (CD-Rom) (invited).

Rom, C. R. 2004. Water Relations for Fruit Trees (keynote presentation). Proc. of the British Columbian Fruit Forum, 38 pages (CD-Rom) (invited).

Human Environmental Sciences

Bailey, W.C. (2004). Marriage, Money, and Conflict: Our Opportunity. Eastern Regional Economics and Resource Management Association. Tampa, FL.

Foote, Jerald C. (2004). "Dietary Supplements and Nutraceuticals: A Golden Opportunity for Product Development or the Clinicians' Bane?" Ozark Institute of Food Technologists.

Foote, Jerald C. (2004). "Tired of Battling Misinformation? Practicing and using Science in Dietetics." Northwest Arkansas District Dietetic Association Annual Nutrition Update.

Foote, Jerald C. (2004). "Harry Potter and the University of Arkansas: An Herbs and Potions Review." Kiwanis International, 54th Annual Convention Missouri-Arkansas District.

Foote, Jerald C. (2004). “Your Helmet, Your Boots, Your Jacket ... and Your Vitamins? Protecting Firefighters in the 21st Century.” Fayetteville Fire Department.

Foote, Jerald C. (2005) speaker “Can I take this? Decision Making for High-risk Dietary Supplement Users”. National Kidney Foundation national meeting, Washington D.C.

Poultry Science

Anthony, N., Poultry Selection and breeding practices. Macfarlane Pheasant Farms, Janesville, Wisconsin. Invited

Chapman, H.D.* Control of coccidiosis in broilers in the USA. Worlds Veterinary Poultry Association Meeting, Forli, Italy, 8 October 2004. Invited

Chapman, H.D.* Current developments in coccidiosis control. Lecture series for poultry producers in Thailand and Malaysia. 5-17 July 2004. Invited

Cole, K. A.M. Donoghue, P.J. Blore, J.S. Holliman and **D.J. Donoghue**. 2004. Isolation and prevalence of *Campylobacter* in the reproductive tracts and semen of commercial turkeys. Proceedings Food Safety Consortium. CD. Invited presentation.

Cole, K. A.M. Donoghue, P.J. Blore, J.S. Holliman and **D.J. Donoghue**. 2004. Isolation and prevalence of *Campylobacter* in the reproductive tracts and semen of commercial turkeys. Proceedings Food Safety Consortium. CD. Invited presentation.

Donoghue, D.J., B.M. Hargis, G. Tellez and A.M. Donoghue. 2004. Competitive exclusion as a means of controlling *Campylobacter* in poultry. Fifth Asian Pacific Poultry Health Conference, Surfers Paradise, Australia CD. Invited Presentation.

Donoghue, D.J. 2004. Risks and Benefits of Using Veterinary Drugs in Poultry. Seminario Internacional AMEVEA Peru, Lima, Peru. CD. Invited Presentation

Donoghue, A.M., W. Huff, B.M. Hargis, G. Tellez and **D.J. Donoghue**. 2004. Bacteriophage and probiotics- Their role in the control of *Salmonella* in poultry. Fifth Asian Pacific Poultry Health Conference, Surfers Paradise, Australia CD. Invited presentation.

Donoghue, D.J., B.M. Hargis, G. Tellez and A.M. Donoghue. 2004. Competitive exclusion as a means of controlling *Campylobacter* in poultry. Fifth Asian Pacific Poultry Health Conference, Surfers Paradise, Australia CD. Invited presentation.

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Donoghue, A.M., W. Huff, B.M. Hargis, G. Tellez and **D.J. Donoghue**. 2004. Bacteriophage and probiotics- Their role in the control of *Salmonella* in poultry. Fifth Asian Pacific Poultry Health Conference, Surfers Paradise, Australia CD. Invited presentation.

Donoghue, D.J., B.M. Hargis, G. Tellez and A.M. Donoghue. 2004. Competitive exclusion as a means of controlling *Campylobacter* in poultry. Fifth Asian Pacific Poult. Health Conference, Surfers Paradise, Australia CD. Invited presentation.

Donoghue, D.J. 2004. Risks and Benefits of Using Veterinary Drugs in Poultry. Seminario Internacional AMEVEA Peru, Lima, Peru. CD. Invited Presentation.

Erf, G., Avian Immunology Research Group Meeting, Munich, Germany (2004) Invited PERf, G., 1016 Technical Committee Meeting – presentation of annual report, DeKalb, IL. Invited

Erf, G., Cobb-Vantress, Inc., Research Up-date, Siloam Springs, Arkansas. Invited Presentation

Erf, G., Short presentations on “immunology program and flow cytometry” for various recruitment efforts, Fayetteville, AR, 4 to 5 times per year . Invited Presentation

Kirby, J.D.. Follicle Stimulating Hormone Regulation: Genetics and Physiology. LS Lamp Faculty Scientific Presentation, LS LAMP STEM Research Meeting, New Orleans, LA. Invited.

Kirby, J.D. Opportunities for postdoctoral training in the reproductive sciences. 25th Annual Minisymposium in the Reproductive Sciences, Northwestern University Center for Reproductive Sciences, Evanston, IL. Invited.

Li, Y., S. Ang, X. Su, and Y. Xi. 2004. Microfluidics based optical biosensor for rapid detection of *Escherichia coli* O157:H7. 2004 CIGR (International Commission of Agricultural Engineering) International Meeting, October 11-14, 2004, Beijing, China Invited.

Owens, C.M. 2004. Live Production Effects on PSE Development. Sixth Latin American Conference on Poultry Processing and Product Quality. Queretaro, Mexico. February 13, 2004. Invited.

Owens, C.M., L. C. Cavitt, and J-F.C. Meullenet, 2004. Tenderness Evaluation in Poultry Meat. 57th Reciprocal Meats Conference. University of Kentucky, Lexington, KY. June 23, 2004. Invited.

Owens, C.M., 2004. Poultry 101 Update. 57th Reciprocal Meats Conference. University of Kentucky, Lexington, KY. June 23, 2004. Invited.

Vizcarra, JA, K Scarbrough, J Yang, **J.D. Kirby.** 2004 Is Follicle Stimulating Hormone (FSH) Secretion Positively Regulated in the Domestic Fowl? Proceedings of the 8th International Conference on Avian Endocrinology, Scottsdale, AZ. T-70. (Invited)

Waldroup, P.W., 2004. Phosphorus and phytase—striking a balance between the chicken and the environment. Proc. BASF Technical Symposium, Atlanta GA, Jan. 27, 2004. Invited speaker.

Waldroup, P. W., 2005. Enzymes for Corn-soybean meal diets. Central America and Caribbean Poultry Congress, San Pedro Sula, Honduras. Invited speaker.

Waldroup, P. W., C. A. Fritts, F. Yan, C. A. Keen, K. A. Zhang, 2004. Recent research in broiler nutrition. Proc. Ark. Nutrition Conference, Rogers, AR. Invited speaker.

Wideman. R. F., 2004. Avian Influenza. Tyson Corporate Laboratories National Meeting, 30 April, Springdale, AR. Invited presentation.

OTHER LECTURES AND ORAL PRESENTATIONS:

Agricultural Economics and Agribusiness

Goodwin, Jr., H.L. “Water Quality Alternatives & Solutions: Northwest Arkansas” presented at Arkansas Water: New Challenges – New Solutions Conference, Ferndale, AR, Nov. 19, 2004.

Goodwin, Jr., H.L. “TMDL and Nutrient Trading: How Will it Work?” presented at the National Poultry Waste Management Symposium, “Balancing Economic and Environmental Issues,” Memphis, TN, Oct. 24-26, 2004.

Goodwin, Jr., H.L. “When Municipalities Sue the Poultry Industry: Who Wins?” presented at the National Poultry Waste Management Symposium, “Balancing Economic and Environmental Issues,” Memphis, TN, Oct. 24-26, 2004.

Goodwin, Jr., H.L. “Potential for Mutual Cooperation to Address Water Quality Concerns from Poultry Litter” presented at “Discussion and Action on Water Shed Committee” at Poteau Valley Improvement Authority Board of Trustees, Wister, OK, Oct. 5, 2004.

Goodwin, Jr. H.L. “Progress on Establishing the Ozark Litter bank: Preliminary Indications” presented at the Arkansas Water Quality Symposium, Fayetteville, AR, May 5, 2004.

King-Brister, S. and **M. Popp**. 2004. “Livestock Feeding Analysis Tool.” University of Arkansas, Cooperative Extension Service. Interactive spreadsheet tool available since August 2004 at <http://www.aragriculture.org/farmplanning/Budgets/default.asp>

Manning, P., J. Edwards, **M. Popp** and L. Purcell. “Are Early-Maturity Soybean a Profitable Alternative for Arkansas.” Poster presented at Field Days in Stuttgart (8/11/2004), Keiser (8/26/2004) and Brinkley (12/14/2004), AR.

Mattingly, B., **P. Manning**, J. Voon, H. Himstedt, E. Clausen, **M. Popp**, and R. Babcock. 2004. "Comparative Esterification of Agricultural Oils for Biodiesel Blending." Final Report Award Number MBTC-2052. Mack Blackwell Transportation Center. Available on line at <http://www.mackblackwell.org/research/finals/arc2052/MackBlackwell%20Final%20Report.htm>

Popp, M., P. Manning, E. Clausen and R. Babcock. "Different Feedstock... Different Biodiesel?" Sun Grant Initiative South Central Region Conference, Oklahoma City, Oklahoma. June 14-15, 2004.

Popp, M., P. Manning, E. Clausen and R. Babcock. "Different Feedstock... Different Biodiesel?" Lurgi PSI, Memphis, Tennessee. September 21, 2004.

Popp, M., P. Manning, L. Purcell and J. Edwards. "Profit-Maximizing Seeding Rates and Reseeding Thresholds for Soybean: Maturity Group Interactions in the Mid-South." Poster presented at Field Days in Stuttgart (8/11/2004), Keiser (8/26/2004) and Brinkley (12/14/2004), AR.

Popp, M., L. Purcell, J. Rupe, C. Rothrock, J. Edwards, P. Manning and P. Poag. "Early-Maturity Soybeans, Seeding Rate and Replanting Thresholds?" Field day presentation at Stuttgart, Arkansas. August 11, 2004.

Rainey, Daniel and Olga Murova. "Transportation Infrastructure and Rural Economic Growth." Final Research Report to Mack-Blackwell Rural Transportation Center. September 1, 2004.

Biological and Agricultural Engineering

J. Chen, R. Deaton, M. Gazon, J.-W. Kim, D. Wood, H. Bi, **D. Carpenter**, and Y.-Z. Wang. 2004. Characterization of Non-Crosshybridizing DNA Oligonucleotides Manufactured In Vitro. Proceedings of DNA 10: 10th International Meeting on DNA Computing, Milan, Italy.

STAFF PAPERS:

Agricultural Economics and Agribusiness

Ahrendsen, Bruce L. Steve R. Koenig, Bruce L. Dixon, Charles B. Dodson and Latisha A. Settlage. "Analysis of Borrower and Lender Use of I.

Guru, Manjula V. and H. L. Goodwin, Jr. "The Case for Acceptable Levels of Environmental Self-Regulation in the Poultry Industry: Policy and Economic Implications." SP 04 2004. July 2004.

Hogan, Jr. Robert J. "Risk Management and Marketing Factors to Consider in Soybeans." SP 06 2004. September 2004.

Hogan, Jr., Robert J., Clement E. Ward, James N. Trapp, Derrell S. Peel and Stephen R. Koontz. "Economic Components of the Fed Cattle Market Simulator. SP 07 2004. September 2004.

Thomsen, Michael R., H. L. Goodwin, Jr. and Angela Rodriguez. "The Sky is Falling: An Examination of Broiler Contract Design and Grower Revenues. SP 03 2004. July 2004.

Thomsen, Michael R., Rimma Shiptsova and Sandra J. Hamm. "Sales Responses to Recalls for *Listeria monocytogenes*: Evidence from Branded Ready-to-Eat Meats. SP 01 2004. February 2004.

Voth, Donald E. "An Overview of International Development Perspectives in History: Focus on Agricultural and Rural Development." SP 05 2004. September 2004.

Agricultural and Extension Education

Arthur, N.L. (2004). *Careers in Agriculture*. Leslie High School Juniors and Seniors, February 12, 2004, Leslie, AR.

Arthur, N.L. (2004). *Admission to the U of A and Finances for College*. Omaha Seniors, February 23, 2004, U of A.

Arthur, N.L. (2004). *Careers in AECT and Finances for College*. Mountainburg Agriculture Class, March 10, 2004, Mountainburg, AR.

Arthur, N.L. (2004). *Using Proper Parliamentary Procedure*. Sigma Alpha Sorority, April 19, 2004, U of A.

Arthur, N.L. (2004). *Federal Financial Assistance for College*. Fayetteville Seniors in Agriculture, Fayetteville High School, May 21, 2004, Fayetteville, AR.

Arthur, N.L. (2004). *Leaders in Our Programs*. State 4-H O'Rama, July 29, 2004, U of A.

Arthur, N.L. (2004). *Finances for College*. White Hall, Pine Bluff Seniors, November 18, 2004, U of A.

Arthur, N.L. (2004). *Careers in Agriculture*. Boone County Cattleman's Group, November 18, 2004, Harrison, AR.

Arthur, N.L. (2004). *4-H Can Make a Difference*. Benton County 4-H, December 10, 2004, Elm Springs, AR.

Biological and Agricultural Engineering

Al-Fandi, M., R. Pooran, S. Tung, **Kim J.-W.**, and A. Malshe. 2004. E. coli Cell Motors for MEMS Devices: Fabrication and Modeling. First International Workshop on Nano Bio-Packaging, Atalanta, GA.

Al-Haddad, R., **Y. Li**, S. Ang and **L. Yang**. 2004. Microelectrode array based immunosensor for detection of *E. coli O157:H7*. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.

Bajwa, S. G., M. Mozaffari, and **A. Mishra**. 2004. Remote Sensing and Petiole Nutrient Analysis for Cotton Nitrogen Management. In. Proc. International Precision Agriculture Conference, Minneapolis, MN.

Bhise N, Deonikar P, Potdar SS, and Kavdia M. Model for Nitric Oxide and Superoxide Interactions in the Microcirculation. Arkansas Biosciences Institute Research Symposium, Little Rock, Arkansas, Oct 28, 2004.

Carpenter, D.P., J.-W. Kim, and R. Deaton. 2004. Evaluating Complexity for Large Mixtures of Many Different DNA Oligonucleotides Using Cot Analyses. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR.

Carrier, DJ, and Clausen E. "Milk Thistle an interesting dietary supplement". Institute of Biological Engineering, Fayetteville, AR January 2004.

Carrier, DJ, and Clausen EC. "Milk thistle an interesting herb" Natural Health Product Conference, Montreal February 2004. (poster)

Carrier, DJ, and E.C. Clausen, "Energy Crops as a Potential Source of Antioxidants," presented at the South Central Region Sun Grant Initiative Conference & Workshop, Oklahoma City, June, 2004.

Carrier, DJ, and Clausen E. "Medicinal Plants". American Society of Agricultural Engineering, Ottawa, Canada August 2004

Carrier, DJ, and Clausen E. "Research Updates at the University of Arkansas". The Science and Engineering for a Biobased Industry and Economy Multistate Research Project, Golden, CO September 2004

Carrier, DJ, Vaughn K, Erf G, Duan L, Wallace S and E.C. Clausen "Protective effect of lycopene and silymarins". ABI meeting, Little Rock, AR October 2004 (poster)

- Chaubey, I., and V. Garg.** Water quality modeling using hyperspectral remote sensing. Twelfth Annual Arkansas Space Grant Symposium. Lyon College, Batesville, AR. April 30, 2004
- Chaubey, I., K.L. White, and C. Cooper.** Using SWAT models in watershed response assessment. Workshop conducted at the Arkansas Soil and Water Conservation Commission. July 15, and August 26, 2004.
- Chaubey, I.** 2004. Decision Support System research activities within the Ecological Engineering program. Presented at the Public Policy Colloquium, University of Arkansas, Fayetteville. January 21.
- Chaubey, I., D. Sahoo, M.D. Matlock, B.E. Haggard, and T.A. Costello.** 2004. Quantifying stream nutrient retention in an agriculturally dominated stream. Annual Conference of the Institute of Biological Engineering. Fayetteville, AR, January 9–11.
- Chen, J., R. Deaton, M. Gazon, **Kim, J.-W.**, D. Wood, H. Bi, **D. Carpenter**, and Y.-Z. Wang. 2004. Characterization of Non-Crosshybridizing DNA Oligonucleotides Manufactured *In Vitro*. DNA 10: 10th International Meeting on DNA Computing, Milan, Italy.
- Cochran, M., T. Daniel, and **I. Chaubey**. Update on Eucha-Spavinaw Phosphorus Index Development. Seminar presented at the Quad State Poultry Dialogue Symposium. Fayetteville, AR. May 6, 2004.
- Costello, T.A., I. Chaubey and K. White.** 2004. Potential use of poultry litter as a fuel for space heating. Washington County Conservation District Field Day, Lincoln AR, March 30.
- Costello, T. A. and A. Ludwig.** 2004. Stream habitat assessment techniques. In-Service Training, University of Arkansas Cooperative Extension Service, Fayetteville, AR, November 3.
- Dillahunty, W. D., and T. A. Costello.** 2004. Plant growth chamber for advanced life support system research. Arkansas Space Grant Consortium Annual Meeting, Newport, AR, April 30.
- Duan, L, **Carrier, DJ**, and Clausen E. “Extraction of Silymarin Compounds from ground milk thistle seeds using Hot Water”. Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. (poster)
- Duan, L, **Carrier, DJ**, and E Clausen C. “Thermal degradation of silymarin compounds in pressurized hot water.” Institute of Biological Engineering, Fayetteville, AR January 2004. (poster)

- Duan L, **Carrier, DJ**, and Clausen E. "Thermal Degradation of Silymarin Compounds." Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. (poster).
- Kandaswamy, J., S. G. Bajwa**, and J. Apple. 2004. Prediction of fat, calories and cholesterol in fresh and cooked ground beef with near-infrared spectroscopy. State ASAE meeting, October 4, Little Rock, AR.
- Kavdia, M**, and Popel AS. Microvascular smooth muscle NO bioavailability: Role of neuronal and endothelial NO sources. Experimental Biology, Washington D.C. April 17-21, 2004.
- Kavdia, M**. Model for prediction of nitric oxide, superoxide, and peroxynitrite profiles from activated immune cells in an encapsulated cell matrix. Experimental Biology, Washington D.C. April 17-21, 2004.
- Kavdia, M**. Model for Nitric Oxide and Superoxide Interactions in the Microcirculation. Biomedical Engineering Society (BMES) Annual Fall Meeting, Philadelphia, PA October, 2004.
- Kim, B., **X.L. Su**, and **Y. Li**. 2004. Rapid detection of *Salmonella Typhimurium* by capillary immunosensor coupled with an electrochemical measurement. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Kim, B., **X.L. Su**, and **Y. Li**. 2004. A capillary immunosensor for rapid detection of *Salmonella Typhimurium* in poultry products. Presented at IFT 2004 Annual Meeting, July 12-16, 2004, Las Vegas, NV. Poster No. 99A-28
- Kim, J.-W.**, S. Tung, **J.S. Lee**, **N.K. Kotagiri**, R. Pooran, and M. Al-Fandi. A Hybrid Flagellar Motor/MEMS Micro-Pump. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Kim, J.-W.**, C.E. Long, and T.L. Peeples. 2004. Revealing Extreme Thermostability of Glycosyl Hydrolases from a Hyperthermophilic Archaeon *Methanococcus jannaschii*. 96th AIChE Ann. Meet. (Extremophile Bioprocessing Session), Austin, TX.
- Kim, J.-W.**, **I.D. Wijesekera**, and R. Beitle. 2004. Expression and Characterization of Thermostable, Acid-Tolerant Citrate Synthase from a Hyperthermoacidophilic Archaeon *Sulfolobus tokodaii* Strain 7. 96th AIChE Ann. Meet. (FPBE Division), Austin, TX.
- Kim, J.-W.**, **N.K. Kotagiri**, S. Tung, and R. Deaton. 2004. Development of an Electrically Addressable Nanotube-Wire Nanosensor Through Controlled DNA-Nanotube Interfacing. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Kim, J.-W.**, S. Tung, R. Deaton, **J.S. Lee**, and **I. Kodikara**. 2004. DNA-Directed Self-Assembly of Single-Walled Carbon Nanotubes through Controlled DNA-Nanotube Interfacing. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR.

- Kulkarni, S. S., S. G. Bajwa, G. Huitink, M. Crow, and W. baker.** 2004. Modeling soil compaction with soil electrical conductivity and yield in cotton. In. Proc. 2004 Beltwide Cotton Producers National Research Conferences, January 5-9, San Antonio, TX.
- Lau, S, **Carrier DJ**, Howard, L, Lay J, Beitle B and Clausen E . “Identification and quantification of flavonoids in mimosa”. Institute of Biological Engineering, Fayetteville, AR January 2004.
- Lau S, **Carrier DJ**, Howard, L, Lay J, Beitle B and Clausen. “Identification and quantification of flavonoids in mimosa”. Institute of Biological Engineering, Fayetteville, AR January 2004. (poster)
- Lau S, **Carrier, DJ**, Beitle B, Lay J, Howard L, Liyanage R and Clausen E. “Identification and Quantification of Flavonoids in Kudzu (*Pueraria lobata*)” presented at the 26th Symposium on Biotechnology for Fuels and Chemicals, Chattanooga May 2004 (poster)
- Lau, S, **Carrier, DJ**, and Clausen E. “Parameters Affecting Flavonoids Extraction from Mimosa (*Albizia julibrissin*)” presented at the 26th Symposium on Biotechnology for Fuels and Chemicals, Chattanooga May 2004. (poster)
- Li, Y.**, and **X. Su.** 2004. Microfluidics based optical immunosensor for detection of *Escherichia coli* O157:H7. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Li, Y.**, **L. Yang**, R. Al-Haddad and S. Ang. 2004. Interdigitated microelectrode immunosensor for detection of foodborne pathogens. Presented at the 2004 World Biosensors Congress Annual Meeting, May 24-26, 2004, Granada, Spain. Abstract No. BS-526.
- Li, Y.**, R. Al-Haddad, **L. Yang**, and S. Ang. 2004. A microelectrode based impedance immunosensor for detection of *E. coli* O157:H7 in foods. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047044.
- Li, Y.**, and **X. Su.** 2004. Microfluidics-based optical immunosensor for detection of foodborne pathogens. Presented at the 2004 IAFP Annual Meeting, August 8-11, 2004, Phoenix, AZ. Abstract # T63.
- Li, Y.**, S. Ang, **X. Su**, and Y. Xi. 2004. Microfluidics based optical biosensor for rapid detection of *Escherichia coli* O157:H7. An invited presentation given at the 2004 CIGR (International Commission of Agricultural Engineering) International Meeting, October 11-14, 2004, Beijing, China.
- Li, Y.**, and **Z. Liu.** 2004. Inactivation of *Listeria* in recirculated chilling brine using flow-through electrolyzing treatment. Presented at the 2004 CIGR International Meeting, October 11-14, 2004, Beijing, China.

- Li, Y.** 2004. Brief introduction of biological engineering program at the University of Arkansas. An invited presentation given at the International Forum on Biosystems Engineering, October 16-18, 2004, Zhejiang University, Hangzhou, China.
- Li, Y., X.L. Su, L. Yang, B. Swem, S. Ang, and X Yu.** 2004. Immunosensors for rapid detection of foodborne pathogens: An update. Presented at the Food Safety Consortium 2004 Annual Meeting, October 3-5, Ames, IA. In: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Liu, Z. and Y. Li.** 2004. The effect of brine age, NaCl concentration, pH and storage temperature on the survival of *Listeria innocua* in bacon brine. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Liu, Z., B.L. Swem and Y. Li.** 2004. In situ HClO generation using a flow-through electrolyzing chamber for the pasteurization of chilling brine: a pilot plant test. Presented at IFT 2004 Annual Meeting, July 12-16, 2004, Las Vegas, NV. Poster No. 17H-5.
- Liu, Z. and Y. Li.** 2004. Flow-through electrochemical treatment chambers for in-line inactivation of *Listeria* in recirculated chilling brine. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. Poster No. 046023.
- Liu, Z., B. Swem, and Y. Li.** 2004. The mechanism, scale up, and pilot plant scale test of a flow-through electrolyzing chamber for in-line inactivation of *Listeria* in recirculated chilling brine. Presented at the Arkansas Section of ASAE 2004 Annual Meeting, October 1, Little Rock, AR. The winner of the First Prize of the Graduate Students Poster Competition.
- Ludwig, A., Marty Matlock, B. Haggard, R. Morgan, I. Chaubey, and Monty Matlock.** 2004. The influence of riparian forest canopy on stream primary productivity. AWRA Summer Specialty Conference on “Riparian Ecosystems and Buffers: Multi-scale Structure, Function, and Management”. Olympic Valley, CA. June 28-30.
- Mao, X., L. Yang, and Y. Li.** 2004. Two procedures for rapid detection of *Escherichia coli* O157:H7 using QCM DNA sensor. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Mao, X., L. Yang, and Y. Li.** 2004. QCM and nanomagnetic beads based DNA sensor for rapid detection of *Escherichia coli* O157:H7. To be presented at BMES 2004 Annual Meeting, October 13-16, Philadelphia, PA. Poster No. 1130.
- Mao, X., L. Yang and Y. Li.** 2004. A QCM and nanoparticle based DNA sensor for the detection of *Escherichia coli* O157:H7. Presented at the Arkansas Section of ASAE 2004 Annual Meeting, October 1, Little Rock, AR.

- Matlock, Marty, R. Morgan, I. Chaubey.** 2004. Organized and presented symposia on Ecological Engineering. University of Arkansas Public Policy Forum Series, January 2004.
- Matlock, Marty, R. Morgan, D. Farver.** 2004. Taught one week workshop on Ecological Engineering. University of Arkansas Landscape Architecture Design Studio, February 2004.
- Mishra, A. S, G. Bajwa,** and R. Norman. 2004. Nitrogen monitoring and management in rice. In. Proc. of 2004 ASAE International Meeting, Ottawa, Canada.
- Mishra, A. S, G. Bajwa,** and R. Norman. 2004. Nitrogen monitoring and management in rice. ASPRS Annual Meeting. Denver, CO.
- Morgan, R. A., E. Cummins, S. Ekka, G. Goh, A. Ludwig, M. Matlock, A. McAllister, C. Thompson.** 2004. Ecological Services Provided By Blossomway Creek, Rogers, Ark. AWRAs Summer Specialty Conference, June 28-30, 2004, – Riparian Ecosystems and Buffers: Multi-Scale Structure, Function and Management. Resort at Squaw Creek, Olympic Valley, California.
- Osborn, G.S.** “Biomedical Engineering at U of A” made to Biomedical Engineering Symposium, U of A, Fayetteville.
- Osborn, G.S.** Moderator of poster session, American Ecological Engineering Society, 2004 Annual Meeting, Fayetteville, AR.
- Osborn, G.S.** Moderator technical session, “Applications of Ecological Engineering in Both Rural and Urban Settings”, ASAE annual meeting 2004, Ottawa, Canada.
- Pooran, R., M. Al-Fandi, S. Tung, **Kim, J.-W.**, and **J.S. Lee.** 2004. Bacterial Flagellar Motors as Microfluidic Actuators. ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Anaheim, CA.
- Pooran, R., S. Tung, **Kim J.-W.**, A. Malshe, and **J.S. Lee.** 2004. Performance of a Flagellar Motor Based Pump. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR (won 1st place in the IBE student poster competition).
- Pradhan, A.K., H. Yang, B.L. Swem,** and **Y. Li.** 2004. Survival/death of *Salmonella Typhimurium* on chicken skin during poultry scalding: data analysis using statistical software. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Pradhan, A.K.** and **Y. Li.** 2004. A quantitative microbial risk assessment model for *Salmonella Typhimurium* in poultry processing. Presented at IFT 2004 Annual Meeting, July 12-16, 2004, Las Vegas, NV. Poster No. 99B-21.

- Pradhan, A.K., and Y. Li.** 2004. Quantitative microbial risk assessment simulation for *Salmonella Typhimurium* in poultry processing. Presented at the SRA 2004 Annual Meeting, December 5-8, 2004, Palm Springs, CA.
- Pradhan, A.K., and Y. Li.** 2004. A quantitative microbial risk assessment model for *Salmonella Typhimurium* in poultry processing. Presented at the Arkansas Section of ASAE 2004 Annual Meeting, October 1, Little Rock, AR. The winner of the Second Prize of the Graduate Students Poster Competition.
- Schaffer, B., I. Chaubey, M. Matlock, J. Popp, P. Tacker, and E. Vories.** Integrated water quality – water conservation program in the Arkansas Delta. Poster presented at the L’Anquille River Watershed Awareness Day. Forest City, AR. July 29, 2004
- Sen, S., B. E. Haggard, I. Chaubey, T. A. Costello, M. D. Matlock, and K. R. Brye.** 2004. Quantification of internal phosphorus load in Beaver Lake, northwest Arkansas under aerobic and anaerobic conditions. Annual Conference of the American Ecological Engineering Society. Fayetteville, AR, June 7-10.
- Sen, S., B. E. Haggard, I. Chaubey, T. A. Costello, M. D. Matlock, and K. R. Brye.** 2004. Quantification of internal phosphorus load in Beaver Lake, northwest Arkansas under aerobic and anaerobic conditions. Annual Conference of the American Ecological Engineering Society. Fayetteville, AR, June 7- 10.
- Su, X.L. and Y. Li.** 2004. Quantum dots as fluorescent probes for detection of *Escherichia coli* O157:H7. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Su, X.L. and Y. Li.** 2004. An automatic quartz crystal microbalance immunosensor system for *Salmonella* detection. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047043.
- Su, X.L., and Y. Li.** 2004. QCM immunosensors coupled with immuno-magnetic beads for detection of *Salmonella Typhimurium* in poultry products. Presented at the Food Safety Consortium 2004 Annual Meeting, October 3-5, Ames, IA. Abstract of the poster in: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Subramanian, S, Carrier DJ and Clausen E.** “The Effect of Pretreatment on the Extraction of Flavanolignans From Milk Thistle (*Silybum marianum*) Seeds”. Institute of Biological Engineering, Fayetteville, AR January 2004.
- Swem, B.L. and Y. Li.** 2004. Transmission of *Salmonella Typhimurium* from shell to fetal chick prior to hatch. Presented at IFT 2004 Annual Meeting, July 12-16, 2004, Las Vegas, NV. Poster No. 67E-33.

- Varshney, M., X. Su and Y. Li.** 2004. An optical immunosensor based on magnetic beads for detection of *E. coli O157:H7*. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.
- Varshney, M., X. Su and Y. Li.** 2004. Magnetic bead-based chemiluminescent and fluorescent immunosensors for detection of *E. coli O157:H7*. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. Poster No. 047007.
- Varshney, M., and Y. Li.** 2004. Magnetic immuno-nanoparticles for highly efficient separation of *Escherichia coli O157:H7* from food samples. Presented at the Food Safety Consortium 2004 Annual Meeting, October 3-5, Ames, IA. Abstract of the poster in: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports.
- Varshney, M., and Y. Li.** 2004. Immuno-nanoparticles for highly effective separation of *E. coli O157:H7* from food samples. Presented at the Arkansas Section of ASAE 2004 Annual Meeting, October 1, Little Rock, AR.
- Vaughn K, Carrier DJ,** Howard L, King J and Clausen E. “Extraction of lycopene from watermelon”. Institute of Biological Engineering, Fayetteville, AR January 2004. Institute of Biological Engineering, Fayetteville, AR January 2004.
- Vibhava, V., S. G. Bajwa, I. Chaubey, and D. Gardisser.** 2004. Pesticide pollution risk assessment in L’Anguille Watershed. L’Anguille River Watershed Awareness Day, Environmental Preservation Division of the Arkansas Department of Environmental Quality (ADEQ) and the L’Anguille River Watershed Coalition, July 29, 2004.
- Vories, E. and S. G. Bajwa.** 2005. Using Precision Agriculture Techniques to Improve Irrigation Recommendations. In: Proc. of 2005 Beltwide Cotton Producers National Research Conferences, January 5-7, New Orleans, LA.
- Wallace S, Carrier DJ** and Clausen E. “Extraction of silymarins from Milk Thistle”. Institute of Biological Engineering, Fayetteville, AR January 2004.
- Wallace S, Carrier DJ, Vaughn K, Subramanian S,** Duan L, and Clausen E. “Extraction of silymarins from Milk Thistle”. First international meeting on antioxidants, Orlando Florida, June 2004. (poster)
- Wallace S., Carrier DJ, Vaughn K, Subramanian S,** Duan L, and E.C. Clausen, “Extraction of silymarins from Milk Thistle”. American Society of Pharmacognosy Society, Phoenix, AZ, 2004. (poster)
- Yang, L. and Y. Li.** 2004. Faradiac and non-Faradiac impedance measurements using interdigitated array microelectrodes for rapid detection of pathogenic bacteria. Presented at IBE 2004 Annual Meeting, January 9-11, Fayetteville, AR.

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- Bautista, R. C. and T. J. Siebenmorgen.** 2004. Individual rice kernel moisture content variability trends at different harvest moisture regimes. International Quality Grains Conference. Indianapolis, IN. July 19-22.
- Cameron, D. K.,** and Y.-J. Wang. 2004. Application of protease and high-intensity ultrasound in improving corn starch isolation, AACC annual meeting, San Diego, CA.
- Cameron, D. K.,** and Y.-J. Wang. 2004. Comparative study between outstanding U.S. west coast and southern medium-grain rice varieties, IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Cavitt, L.C.,** J-F.C. Meullenet, R. Xiong, and C. M. Owens. 2004. The Correlation of Razor Blade Shear, Allo-Kramer Shear, Warner-Bratzler Shear, and Sensory Tests to Changes in Tenderness of Broiler Breast Fillets. Poultry Sci. 83:150. (Abstr.)
- Cho, M.J.** and L. R. Howard. 2004. Flavonol content and antioxidant capacity of various blackberry and blueberry genotypes determined by high-performance liquid chromatography/mass spectrometry. Abstract 49E-12. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Chong, S.,** and Y.-J. Wang. 2004. Effect of pericarp removal by sonication prior to steeping on corn wet milling efficacy, AACC annual meeting, San Diego, CA.
- Chung, W.K.,** A. Han, M. I. Saleh, J.-F. Meullenet. 2004. Prediction of long-grain rice texture from pasting properties. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Davis, A.,** N. S. Hettiarachchy, and T. Sivarooban. 2004. Prebiotic and antimicrobial activity of heat-stabilized defatted rice bran (HSRB) extract. Book of abstracts. 33D-30, p.77. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Eswaranandam S.** and N. S. Hettiarachchy. 2004. Textural properties of tomatoes coated with soy, whey protein and cellulose films. Book of abstracts. 49F-36, p.128. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Fanatico, A. A.,** P. B. Pillai, L. C. Cavitt, J. F. Meullenet, J. L. Emmert and C. M. Owens. 2004. Comparison of sensory qualities of poultry meat from alternative slow-growing and a commercial breed grown with or without outdoor access. Poultry Sci. 83:145. (Abstr.)
- Feliz, D. J.,** A. Proctor and R. L. Eason. 2004. Rough rice kernel damage and milled rice free fatty acid quality as affected by harvest conditions. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.

- Gandhapuneni, R. K.**, J-F. Meullenet. 2004. A comparison of the BITE master II and instrumental texture profile analysis for measuring cheese hardness. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Gangidi R.** and A. Proctor. 2004. Production of soy oil conjugated linoleic acid. Annual Meeting of the American Oil Chemists Society. Cincinnati, OH. May 10th. *AOCS Honor Student Award and AOCS Health and Nutrition Division Excellence Award.*
- Giannoccaro, E.**, Y. –J. Wang. and P. Chen. 2004. Development of analytical methods to accurately and efficiently measure sugar compounds in soybeans. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Hager. T.** and L. R. Howard. 2004 Phenolic content and antioxidant capacity of carrots as affected by storage and different preservation methods. Book of abstracts 49F-29. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Han, A.**, W. K. Chung, J.-F. Meullenet. 2004. Determination of cooked rice texture by instrumental and sensory evaluation and their correlation. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Hettiarachchy N.**, Tang, S., and R. McNew. 2004 Protein extraction from heat-stabilized defatted rice bran: Screening enzymes and optimizing extracting conditions. AACC Annual Meeting San Diego, October.
- Hettiarachchy, N. S.** 2004. Identification and application of functional and nutraceutical components from selected Arkansas grown exotic vegetables, herbs, and legumes. Arkansas Biosciences Institute, Little Rock, Arkansas, March.
- Hettiarachchy, N. S.** 2004. DSM. Switzerland. Part I. Physico-chemical and functional properties of eight products provided. Page 34. August 09.
- Hettiarachchy, N. S.** 2004. DSM, Switzerland. Part II. Rice protein preparation and characterization seven products. Page: 31. August 09.
- Horax, R.**, N. S. Hettiarachchy, and T. Rababah. 2004. Total phenolics, phenolic acid constituents, antioxidant and antimutagenic activities of selected plant extracts including bitter melon. WorldNutra Poster presentation. San Francisco, November 7-10.
- Horax, R.**, N. S. Hettiarachchy, and M. Jalaluddin. 2004. Preparation, characterization and functional properties of protein isolate from cowpea (*Vigna unguiculata* L. Walp). Book of abstracts. 17E-3, p.33. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.

- Horax, R.,** N. S. Hettiarachchy, S. A. Heo, and M. Jalaluddin. 2004. Antioxidant and antimutagenic activities of bitter melon (*Momordica charantia* Linn.) extract. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16. Book of abstracts. 49F-4, p.123.
- Ju, Z.Y.,** L. R. Howard and C. R. Brownmiller. 2004. Subcritical water and sulfured water extraction of anthocyanins and other phenolics from dried red grape skins. Book of abstracts 33F-31. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Kuakpeeton, D.,** and Y.-J. Wang. 2004. Internal structure and physicochemical properties of corn starches revealed by surface gelatinization, AACC annual meeting, San Diego, CA.
- Kuo, M.-I.,** A. Flower, and Y.-J. Wang. 2004. Comparison of physicochemical properties in red rice and indica rice samples, IFT annual meeting, Las Vegas, NV. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Kuo, M.-I.,** and Y.-J. Wang. 2004. Effect of urea on the thermal and rheological properties of rice starch, AACC Annual Meeting, San Diego, CA.
- Kuo, M.-I.,** Y.-J. Wang and H. He. 2004. Effect of particle size on physicochemical properties of rice grits. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Lam, H. S.,** A. Proctor, J. Nyalala, M. D. Morris, and Smith. 2004. Infrared spectroscopy and chemometric analysis for rapid and comprehensive evaluation of LDL oxidation. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Lam, H. S.,** A. Proctor, J. Nyala, M.D. Morris and W.G. Smith. 2004. FTIR evaluation of antioxidant effects of quercetin, catechin and α tocopherol in LDL oxidation. Arkansas Biosciences Institute Fall Research Symposium, October 28th 2004.
- Lam, H.,** A. Proctor and M. Morris and G. Smith. 2004. Rapid and comprehensive evaluation of LDL oxidation by infrared spectroscopy. Annual Meeting of the American Oil Chemists Society. Cincinnati, OH. May 10th.
- Lefevre, M. L.,** Howard, M. M. Most, Z. Ju, and J. Delany. 2004. Microarray analysis of the effects of grape anthocyanins on hepatic gene expression in mice. Book of abstracts 851. The FASEB Journal 18: Suppl. S.
- Lungu, B.** and M. G. Johnson. 2004. Partial control of *L. monocytogenes* on surface of full fat turkey frankfurters held at 4 C using zein coatings containing nisin, sodium lactate and sodium diacetate. Intl Assoc. Food Protection Mtg. Phoenix, AZ. August 8-11, Book of abstracts No.P-003, p. 54-55

- Matsler, A. L.** and T. J. Siebenmorgen. 2004. **Assessing rice degree of milling.** **International Quality Grains Conference, Indianapolis, IN. July 19-22.**
- Matsler, A. L. **and T. J. Siebenmorgen.** 2004. Milling Characteristics of Rice Cultivars and Hybrids. Poster Presentation at the Rice Research and Extension Center Field Day, August 11. Stuttgart, AR.
- Mehaffey, J. M.,** J. F. Meullenet, J. L. Emmert, S. R. McKee and C.M. Owens. 2004. Meat quality evaluation of minimally aged broiler breast fillets from five commercial genetic strains. Poultry Sci. 83:144. (Abstr.)
- Monsoor M.** and A. Proctor. 2004. Volatile component analysis of commercially milled head and broken rice Annual Meeting of the American Oil Chemists Society. Cincinnati, OH. May 11th.
- Monsoor, M.** and A. Proctor. 2004. Modeling of milled rice surface lipid measurements. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Nannapaneni, R.,** R. Story, K. Wiggins, and M.G. Johnson. 2004. Cells of *Listeria monocytogenes* Scott A Starved in Physiological Saline for 196 Days Remain Highly Virulent. FSC Annual Research Meeting in Ames, Iowa. October 03-05.
- Nannapaneni, R.,** R. Story, K. Wiggins, and M.G. Johnson. 2004. Concurrent Quantitation of Total *Campylobacter* and Total Ciprofloxacin-Resistant *Campylobacter* loads in rinses from Retail Raw Chicken Carcasses. FSC Annual Research Meeting in Ames, Iowa. October 03-05.
- Nannapaneni, R.,** R. Story, K. Wiggins, and M.G. Johnson. 2004. ELISA reactivities of newly developed monoclonal antibody producing hybridoma clones against *Campylobacter jejuni*. FSC Annual Research Meeting in Ames, Iowa. October 03-05.
- Nannapaneni, R.,** K.C. Wiggins, and M. G. Johnson. 2004. Significant reduction in incidence and number of total *Campylobacter* and ciprofloxacin-resistant *Campylobacter* in rinses from retail raw chicken carcasses in 2003. Book of abstracts No. P-192, p. 114. Intl Assoc. Food Protection Mtg. Phoenix, AZ. August 8-11.
- Nannapaneni, R.,** K.C. Wiggins, R. Story, and M.G. Johnson. 2004. Direct plating method to determine true diversity of ciprofloxacin resistant *Campylobacter* in rinses from retail raw chicken carcasses. Book of abstracts No. P-046, Page 490. ASM General Meeting New Orleans, LA. May 23-27.
- Pandjaitan, N.** and L.R. Howard. 2004. Supercritical carbon dioxide extraction efficiency of lutein and β -carotene from spinach. Book of abstracts 33G-25. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.

- Paraman, I.,** N. S. Hettiarachchy, S. A. Heo, and K. H. Tran. 2004. Antimutagenic activity of rice bran protein hydrolysates. Book of abstracts. 67B-1, p.160. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Patindol, J. A.,** and Y. –J. Wang. 2004. Structure-functionality changes of starch following rough rice storage. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Piland, D.,** L. R. Howard and C. R. Brownmiller. 2004. Phenolic composition and content of blueberry genotypes as affected by growing season. Book of abstracts 33F-30. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Proctor, A. **2004.** Developing new value added products from rice hull ash through industry support. February 9th . Department of Food Science University of Arkansas. February 9th.
- Proctor, A.** 2004. The potential for renewable materials from rice hulls in the USA, with specific reference to Arkansas. Symposium for Renewable Resources and Energy. University of Natural Resources and Applied Life Sciences, Vienna, Austria. June 4th.
- Rababah, T.M.,** Eswaranandam, S., Hettiarachchy, N.S., Horax, R., Johnson, M.G., Dickson, J., and Niebuhr, S. 2004. Effect of electron beam irradiation and storage at 5 °C on thiobarbituric acid reactive substances (TBARS) and carbonyl contents in chicken breast meat infused with antioxidants and selected plant extracts. Food Safety Consortium Annual Meeting. Poster presentation. October 3-5, Ames, Iowa.
- Rababah, T.,** N. S. Hettiarachchy, and R. Horax. 2004. Total phenolics and antioxidant activities of selected plant extracts. Book of abstracts. 67B-8, p.162. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Rababah, T.,** N. S. Hettiarachchy, R. Horax, D. H. Zhu, M. G. Johnson, J. Dickson, and S. Niebuhr. 2004. Effect of electron beam irradiation and storage at 5 °C on thiobarbituric acid reactive substances (TBARS) and carbonyl contents in chicken breast meat infused with antioxidants and selected plant extracts. Book of abstracts. 67C-4, p.167. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Saleh, M. I.,** J.-F. Meullenet, W. K. Chung, A. Han. 2004. Effect of rice constituents in determining rice functionality during aging. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Siebenmorgen, T. J.,** G. J. Schluterman and R. C. Bautista. 2004. Applying glass transition principles to explain rice quality reduction during the drying process. International Quality Grains Conference, Indianapolis, IN. July 19-22.

- Sivarooban, S.**, N. S. Hettiarachchy, A. Davis, and M.G. Johnson. 2004. Synergistic inhibitory effect of grape seed extract and nisin on *Listeria monocytogenes*, *Salmonella* Typhimurium, *E. coli* O157:H7. . Book of abstracts. 33D-28, p.77. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Sivarooban, T.**, Hettiarachchy, N.S., Johnson, M.G., and Slavik, M. 2004. Inhibitory effect of grape seed extract, nisin and EDTA against *Listeria monocytogenes*, *Salmonella* Typhimurium and *E. coli* O157:H7. Food Safety Consortium Annual Meeting. Poster presentation. Annual Research Meeting in Ames, Iowa. October 03-05.
- Striegler, K.**, J. Morris, G. Main, and C. Lake. 2004. Effect of rootstock on growth, yield, fruit composition, and vine nutritional status of Cabernet franc. Presented at the Am. Society for Enology and Viticulture, 55th Annual Meeting, San Diego, CA June 30-July 2.
- Tran, K. H.**, N. S. Hettiarachchy, S.A. Heo, and I. Paraman. 2004. Antimutagenic activity of bromelain hydrolysates from soy and rice proteins. Book of abstracts. 67B-6, p.161. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16, 2004.
- Wells, A. M.** and L.R. Howard. 2004. Quantification of lutein and β -carotene in fresh and processed Southern greens. Book of abstracts 83E-24. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Xiong, R.** and J-F. Meullenet. 2004. A Web-based Virtual Sensory Laboratory for Predicting Tenderness in Poultry Pectoralis Major Muscles. Sensometrics meeting, Davis, CA
- Xiong, R.**, J-F. Meullenet, L. C. Cavitt, C.M. Owens. 2004. Prediction of poultry meat tenderness using the instrumental reference-calibration method. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Xiong, R.**, J-F. Meullenet. 2004. Analysis of both non-replicated and replicated sensory discrimination tests by a novel non-parametric method IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.
- Youm, G. W.**, J-F. Meullenet, C. Owens. 2004. Consumer acceptance of marinated chicken breast meat (pectoralis major) deboned at various times post-mortem and its relationship to sensory profile. IFT Annual Meeting and Food Expo, Las Vegas, Nevada, July 12-16.

Human Environmental Sciences

- Farmer, Frank**, Todd W. Hodgson, Wayne Miller, Sandra Miller (Team). 2004. Rural Family Profile of Arkansas 2004. University of Arkansas. Division of Agriculture.
- Kaya, N., **Webb, J.D.**, **Miller, N.G.** and **Gentry, G.M.** (2004). Privacy regulation and adjustment to congregate living environments. 35th Annual Environmental Design Research Association Conference. Albuquerque, NM. (Peer Reviewed).

- Killian, T.S.** (2004, November). *Household monetary transfers to adult children and stepchildren*. Paper presented at the National Council of Family Relations, Orlando, Florida. (Peer-reviewed and accepted for presentation.)
- Martin, Sue.** Learning for young children: Connections among physical, cognitive, social and emotional aspects. Southern Early Childhood Association, Daytona Beach, FL (2004).
- Martin, Sue.** Child guidance as related to parenting expectations. 6th Annual Arkansas Conference for Parent Educators, Hot Springs, AR (2004).
- Martin, Sue.** Promoting mastery by young children as related to parent/caregiver/teacher expectations. Arkansas Early Childhood Association, Hot Springs, AR (2004).
- Martin, Sue.** Child guidance for optimum development. Northwest Arkansas Family Child Care Association Fall Conference, (2004).
- Martin, Sue.** Make the early years count: Brain development of young children, Fayetteville Kiwanis Club, Fayetteville, AR (2004).
- Nelson, L., **Martin, S.**, Baldwin, V., Crandall, M., Baltz, M., Whitehead, N., Beaton, K., Lloyd, V., Barton, C., Mathews, E., & Stegall, K. (2004). Let's get moving. Beginnings: 2003-2004 (3). Little Rock, AR: Department of Human Services. 38 pages.
- Nelson, L., **Martin, S.**, Baldwin, V., Crandall, M., Baltz, M., Whitehead, N., Beaton, K., Lloyd, V., Barton, C., Mathews, E., & Stegall, K. (2004). Summer. Beginnings: 2003-2004 (4). Little Rock, AR: Department of Human Services. 38 pages.
- Nelson, L., **Martin, S.**, Baldwin, V., Crandall, M., Baltz, M., Whitehead, N., Beaton, K., Lloyd, V., Barton, C., Mathews, E., & Stegall, K. (2004). It's fun to learn through play. Beginnings: 2004-2005 (1). Little Rock, AR: Department of Human Services. 41 pages.
- Nelson, L., **Martin, S.**, Baldwin, V., Crandall, M., Baltz, M., Whitehead, N., Beaton, K., Lloyd, V., Barton, C., Mathews, E., & Stegall, K. (2004). The magic of music. Beginnings: 2004-2005 (2). Little Rock, AR: Department of Human Services. 31 pages.
- Phillips, H.E. and **Webb, J.D.** (2004). A Model Cultural Community Center: Advanced Concept Development. Proceedings of the Interior Design Educators' Council Southwest Regional Conference. Dallas, TX. (Peer Reviewed).
- Steve Jacob, Michael Jepson, and **Frank L. Farmer.** 2004 "Fishing Dependence? Factors Related to Resident's Overestimation of the Importance of Commercial Fishing to the Local Economy." Paper presented at the annual meeting of the Society for Applied Anthropology, Dallas, Texas.

- Turner, M.J. & Killian, T.S.** (2004, November). *Motivations of daughters- and sons-in-law to assume caregiving roles.* Paper presented at the National Council of Family Relations, Orlando, Florida. (Peer-reviewed and accepted for presentation.)
- Turner, M.J. & Killian, T.S.** (2004, November). *Caring for mothers and mothers-in-laws: Does motivation differ?* Paper presented at the Gerontological Society of America, Washington, D.C. (Peer-reviewed and accepted for presentation.)
- Takigiku, S.K.** (2004). *An ecological approach to women's substance abuse.* Paper presented at the annual meeting of the National Council on Family Relations, Orlando, FL.
- Takigiku, S.K.** (2004). *Methamphetamine and rural substance abuse in Arkansas.* Poster presented at the 21st Families Conference, Little Rock, AR.
- Takigiku, S.K.** (2004). *Teaching about diversity and international families through family genograms.* Presentation at the Family Sciences Association & Northwest Council on Family Relations Joint Conference, West Yellowstone, MT.
- Wallack, C.J.,** (2003). *Cyclops Revisited: The Integration of Television in the Design of the American Home.* Presentation at the Annual Conference of the Interior Design Educators Conference Council (IDEC) South-West Region in Dallas, TX.
- Warnock, M.,** D. Wolf and K. Davis. "Biodegradation Assessment of Three Cellulosic Fabrics." IFHE 20th World Congress, Kyoto, Japan.
- Watson, Stephanie A. and **Mary M. Warnock.** Refereed presentation at the national Interior Design Education Council entitled "Recycled Carpets – are They Competitive?"
- Webb, J., Miller, N., Turner, M.J.** (2004). Senior Living Arrangements: Findings from the 2003 Arkansas Poll. Workshop presented at the Arkansas Aging Conference, Hot Springs, AR.
- Webb, J.D. and Miller, N.G.** (2004). Studio Collaboration: Recommendations from research. Proceedings of the Interior Design Educators' Council International Conference. Pittsburg, Pennsylvania. (Peer Reviewed).
- Webb, J.D. and Phillips, H.E.** (2004). A Successful Undergraduate Research Project: A Model Community Center. Interior Design Educators, Council Southwest Regional Conference. Tulsa, OK. (Peer Reviewed).
- Webb, J.D. and Miller, N.G.** (2004). Teamwork: Recommendations from research. Proceedings of the Interior Design Educators' Council International Conference. Pittsburg, PA (Peer Reviewed).

Whan, M.M. (2004). “How Students Manage” presentation at 21st Century Families: Emerging Issues, Conference, (Refereed).

William Schwab, **Frank L. Farmer**, et al. The Northern Jordan Tourism Development Plan. Applying the Principles of Cultural Resource Management to Economic Development through Sustainable Tourism. US Agency for International Development.

Poultry Science

Anthony, N.B. 2004. Annual Project Leader Report, S-289 Regional Poultry Breeding Project. Final report.

Anthony, N.B. 2004. S-289 Regional Poultry Breeding Project. Project rewrite.

Cox, M., J.W. Kim, and **Y.M. Kwon**. 2004. Simultaneous mapping of transposon insertions by transposon signature profiling. ASM Annual Meeting, South Central Branch ASM, Nov. 5-6, Starkville, Mississippi.

Erf, G. F. 2004. Understanding the factors and mechanisms involved in the development of autoimmune vitiligo in the Smyth line chicken. PASPCR Newsletter 12 (3): 6-7.

Popp, Jennie, **H.L. Goodwin, Jr.** and Wayne Miller. 2004. “The Impact of Agriculture on the Arkansas Economy.” *Farm Management and Marketing Newsletter*. 12(4):2-3.

Popp, J., G. Vickery, **H.L. Goodwin, Jr.** and W. Miller. 2004. *Value Added. Economic Impact of Agriculture and Forestry in Arkansas*. University of Arkansas Division of Agriculture, Fayetteville, AR. December, 2004.

Ramachandran, I. R. and **G. F. Erf**. 2004. Cell-mediated immunity in chickens: lymphocyte infiltration profiles in antigen-injected wattles from antigen-sensitized and unsensitized chickens. Avian Immunology Research Group Meeting, Munich, Germany.

Wolf, D.C., **N.B. Anthony**, D.L. Graham, and K.J. Davis. 2004. Developing the University of Arkansas Honors Program for the College of Agricultural, Food and Life Sciences. American Society of Agronomy.

Young, Kenneth B., **H.L. Goodwin, Jr.**, and E. Wailes. 2004. “Economics of Poultry Litter Use on Cut Rice Fields.” In: Norman, R.J., J.F. Meullenet and K.A.K. Moldenhauer, eds. *Rice Research Series 2003 Research Series 517* University of Arkansas, Division of Agriculture. pp. 420-425.

OTHER CREATIVE ENDEAVORS:

Biological and Agricultural Engineering

- Al-Fandi, M., R. Pooran, S. Tung, **J.-W. Kim**, and A. Malshe. 2004. *E. coli* Cell Motors for MEMS Devices: Fabrication and Modeling. First International Workshop on Nano Bio-Packaging, Atlanta, GA.
- Carpenter, D.P., J.-W. Kim**, and R. Deaton. 2004. Evaluating Complexity for Large Mixtures of Many Different DNA Oligonucleotides Using Cot Analyses. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR.
- Chaubey, I., M. Matlock, T. Costello, C. Cooper**, and **K. White**. 2004. GIS database development and watershed modeling in Arkansas priority watersheds. Final Report Submitted to Arkansas Soil and Water Conservation Commission. Project No. 04-120.
- Chaubey, I., S. Panda, K.L. White, M. Matlock, B. Haggard**, and **T.A. Costello**. 2004. Beaver Lake watershed decision support system. Proceedings of the 2004 Annual Conference of the Arkansas Water Resources Center.
- Chaubey, I., M. D. Matlock, T. A. Costello, C. Cooper**, and **K. White**. 2004. GIS database development and watershed modeling in Arkansas priority watersheds. Final report submitted to Arkansas Soil and Water Conservation Commission, Project No. 04-120.
- Chen, J., R. Deaton, M. Gazon, **J.-W. Kim**, D. Wood, H. Bi, **D. Carpenter**, and Y.-Z. Wang. 2004. Characterization of Non-Crosshybridizing DNA Oligonucleotides Manufactured In Vitro. DNA 10: 10th International Meeting on DNA Computing, Milan, Italy.
- Costello, T. A.**, and L. A. Roe. 2004. On-farm demonstration of litter combustion. Quarterly and annual reports submitted to Soil and Water Conservation Commission, Project No. 03-800.
- Griffis, Carl L., Betty Martin, Tareq Osaili, and Brandon Beard**. 2004. Cooking Process Test for Vegetable Links. A report to Jones Dairy Farm, Wisconsin.
- Kavdia, M.**, and Popel AS. Microvascular smooth muscle NO bioavailability: Role of neuronal and endothelial NO sources. FASEB Journal. 18 (5): A1321-A1321 Supl. MAR 24 2004. (Peer Reviewed)
- Kavdia, M.**, Model for prediction of nitric oxide, superoxide, and peroxynitrite profiles from activated immune cells in an encapsulated cell matrix. FASEB Journal 18 (4): A759-A759 Suppl. S MAR 23 2004 . (Peer Reviewed)

- Kavdia, M.**, Model for Nitric Oxide and Superoxide Interactions in the Microcirculation. Biomedical Engineering Society (BMES) Annual Fall Meeting, Philadelphia, PA October, 2004. (Peer Reviewed)
- Kim, J.-W., S. Tung, J.S. Lee, N.K. Kotagiri, R. Pooran, and M. Al-Fandi.** A Hybrid Flagellar Motor/MEMS Micro-Pump. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Kim, J.-W., C.E. Long, and T.L. Peeples.** 2004. Revealing Extreme Thermostability of Glycosyl Hydrolases from a Hyperthermophilic Archaeon *Methanococcus jannaschii*. 96th AIChE Ann. Meet. (Extremophile Bioprocessing Session), Austin, TX.
- Kim, J.-W., I.D. Wijesekera, and R. Beitle.** 2004. Expression and Characterization of Thermostable, Acid-Tolerant Citrate Synthase from a Hyperthermoacidophilic Archaeon *Sulfolobus tokodaii* Strain 7. 96th AIChE Ann. Meet. (FPBE Division), Austin, TX.
- Kim, J.-W., N.K. Kotagiri, S. Tung, and R. Deaton.** 2004. Development of an Electrically Addressable Nanotube-Wire Nanosensor Through Controlled DNA-Nanotube Interfacing. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Kim, J.W., S. Tung, R. Deaton, J.S. Lee, and I. Kodikara.** 2004. DNA-Directed Self-Assembly of Single-Walled Carbon Nanotubes through Controlled DNA-Nanotube Interfacing. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR.
- Kulkarni, S. and Bajwa, S. G.** 2004. Soil compaction modeling in cotton. In. Summaries of Arkansas Cotton Research 2003. D. M. Oosteruis (Ed.), pp. 68-70, Research Series 521, Arkansas Agricultural Experiment Station, Fayetteville, AR.
- Li, Y., R. Al-Haddad, L. Yang, and S. Ang.** 2004. A microelectrode based impedance immunosensor for detection of *E. coli O157:H7* in foods. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047044. American Society of Agricultural Engineers, St. Joseph, MI.
- Li, Y., S. Ang, X.L. Su, L. Yang, and X Yu.** 2004. Immuno-impedance biosensor for detection of foodborne pathogens. A progress report in: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports, October 3-5, Ames, IA.
- Li, Y., X.L. Su, and B. Swem.** 2004. QCM immunosensor for detection of foodborne pathogens in poultry products. A progress report in: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports, October 3-5, Ames, IA.
- Li, Y., and X. Su.** 2004. Quantum Dot Biolabeling Coupled with Immunomagnetic Separation for Detection of Foodborne Pathogens. US Patent in filing process, December 18, 2004.

- Li, Y., and M. Varshney.** 2004. Magnetic Nanoparticle-Antibody Conjugates for Highly Efficient Separation of Bacterial Pathogens from Food Samples. US Patent in filing process, December 18, 2004.
- Li, Y., and X. Su.** 2004. An Immuno-magnetic Beads Based Viscoelastic Biosensor for Detection of Bacterial Pathogens. US Patent in filing process, December 18, 2004.
- Matlock, M., R. Morgan,** and K. Thornton. 2004. Breakfast from Arkansas: Ecological and Economic Sustainability. The Oklahoma Academy 2004 Proceedings of the Town Hall Workshop 1.21 – 1.26.
- Matlock, M., R. Morgan,** C. Burdorf, M. Vargas, *E. Cummings, A. Ludwig, B. Schafer, A. Brown, A. Radwell,* and R. Reese. 2004. An Ecological Assessment of Streams of Northwest Arkansas. USEPA Region VI Technical Report. Dallas, TX.
- Osborn, G. S., M. D. Matlock,** S. S. Teltschik. Portable System to Enhance Biological Treatment Processes for Improving Water Quality: A portable water ecosystem oxygenator. Pending. Accepted by U of A Patent committee. Provisional patent filed. Patent Attorney hired.
- Pooran, R., S. Tung, **J.-W. Kim,** A. Malshe, and **J.S. Lee.** 2004. Performance of a Flagellar Motor Based Pump. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR (won 1st place in the IBE student poster competition).
- Pooran, R., M. Al-Fandi, S. Tung, **J.-W. Kim,** and **J.S. Lee.** 2004. Bacterial Flagellar Motors as Microfluidic Actuators. ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Anaheim, CA.
- Schultz S. J. and **Ye, K.** System and method for detecting bioanalytes and method for producing a bioanalyte sensor. US patent, pending. (Filed in 2004).
- Sen, S., B. E. Haggard, I. Chaubey,** K. R. Brye, **M. D. Matlock,** and **T. A. Costello.** 2004. Preliminary estimation of sediment phosphorus flux in Beaver Lake, Northwest Arkansas. ASAE Paper No. 04-2269. 2004 Annual International Conference, Ottawa, Canada. 17 pp.
- Su, X.L.** and **Y. Li.** 2004. An automatic quartz crystal microbalance immunosensor system for Salmonella detection. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047043. American Society of Agricultural Engineers, St. Joseph, MI.
- Wijesekera I.D., J.-W. Kim,** and **R. Beitle.** Thermostable, Acid-Tolerant Citrate Synthase from Hyperthermoacidophilic Archaeon *Sulfolobus tokodaii* Strain 7. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA (accepted).

Ye, K., Jin, S., Mohammad, M.A., and Schultz, J. S. (2004) Tagging retroviruses with a metal binding peptide and one-step purification with immobilized metal affinity chromatography. *J. Virol.* 78:9820-9827

Ye, K., Bratic, K., Jin, S., and Schultz, J. S. (2004). Cell surface display of a glucose binding protein. *J. Molecular Catalysis B: Enzymatic.* 28:201-206.

Ye, K. Jin, S., and Schultz, J.S. (2004) Genetic engineering of a fluorescent cell marker for labeling CD34+ hematopoietic stem cells. *Biotechnol. Prog.* 20:561-565.

Food Science

Estes, J., A. Proctor and H. S. Lam. 2004. Antioxidant capacities of fruit and vegetable extracts using infrared spectroscopy. University of Arkansas Gamma Sigma Delta Poster Competition. Second Prize Undergraduate Poster Award.

Estes, J., A. Proctor and H. S. Lam. 2004. Antioxidant capacities of fruit and vegetable extracts using infrared spectroscopy Arkansas Undergraduate Research Conference, Henderson State University April 16th .

Morris, J.R. 2004. Acted as adviser to Wiederkehr Wine Cellars, Altus, AR; Mount Bethel Wine Cellars, Altus, AR; Post Familie Winery, Altus, AR; Chateau Aux Arc Vineyards and Winery, Altus, AR.; Cowie Wine Cellars, Paris, AR; and numerous wineries and vineyards throughout the United States.

Morris, J.R. 2004. Advised colleagues from other Universities on viticulture and enology research issues.

Morris, J.R. 2004. Organized and implemented matching grants between industry and scientists through the Institute of Food Science and Engineering.

Morris, J.R. 2004. Served as judge for the Florida International Wine Competition in Tampa, FL, in February.

Morris, J.R. 2004. Participated in plans to prepare an addition the Food Science Department, including new offices for IFSE.

Morris, J.R. 2004. Vineyard mechanization patent implementation.

Siebenmorgen, T. J. 2004. Attended meeting to discuss the concept of fluidized bed drying with Riceland Foods. Jonesboro, AR. February 17.

Siebenmorgen, T. J. 2004. Attended meetings with representatives of Busch Agricultural Resources to discuss cooling of rice immediately post-milling. Jonesboro, AR. June.

Siebenmorgen, T. J. 2004. Attended Summer and Fall meetings of the AR Rice Research and Promotion Board. Little Rock and Stuttgart.

Siebenmorgen, T. J. 2004. Attended the RiceCAP press conference announcement. Little Rock, AR. December 13.

Siebenmorgen, T. J. 2004. Attended the World Food Prize recognition ceremonies. Alvin, TX. October 20.

Siebenmorgen, T. J. 2004. Hosted representatives from Superbrix from Columbia and Rice Engineering Supply Company from Thailand to discuss fluidized bed drying. Meetings resulted in gift in kind of a prototype fluidized bed drier. Fayetteville, AR. February 18.

SCHOOL OF ARCHITECTURE

BOOKS PUBLISHED AND BOOK CHAPTERS (WRITTEN BY OR ABOUT FACULTY):

Blackwell, Marlon G., (authored book published) Princeton Architectural Press, New York, New York, *An Architecture of the Ozarks: the Works of Marlon Blackwell*, by Marlon Blackwell-edited by Linda Lee, (publication March 31 2005), ISBN 1-56898-488-X. The book is a monograph on his work and features at least (9) built residential and commercial projects and (3) residential prototypes. The book includes essays by Juhani Pallasmaa, Dan Hoffman, and David Buege.

Blackwell, Marlon G., (published) Laurence King Publishing Ltd, London, England, *New Country House*, by Dominic Bradbury, (pg.74-79). (publication February 2005), ISBN 185669 3961. The book is a documentation of (30) exemplary new single family residences built in the countryside from around the world. The Keenan Towerhouse, Fayetteville, Arkansas is featured.

Blackwell, Marlon G., (published) Loft Publications, Barcelona, Spain, *MAS pequeños espacios urbanos” (Compact Houses)*, edited by Cristina del Valle Schuster, (pg.346-353). (publication January 2005), ISBN 84 96304 61 2. Displays a collection of inspiring projects carried out by architects and interior designers of the world. It offers an updated vision about how to obtain a better profit from small houses in urban settings. The Keenan Towerhouse, Fayetteville, Arkansas is featured

Blackwell, Marlon G., (published) Federico Motta Editore, Milan, Italy, “Case in Legno” (Houses in Wood), edited by Nicola Braghieri, (pg.98–107). (published October 2004), ISBN 88-7179-446-Xthe book is a documentation of (32) exemplary new single-family residences, built primarily in wood, from around the world. The Moore Residence, Cashiers, North Carolina is featured.

Blackwell, Marlon G., (published) Phaidon Press Limited, London, England, *Phaidon Atlas of Contemporary World Architecture*, Phaidon Editors, (April 2004), (pg.725-726), ISBN 0 7148 4312 1. The book is an atlas of over 1,000 buildings built between 1998 and 2004, selected by the Phaidon Press editors, that represent countries from all over the world. We were honored to have the Moore HoneyHouse and Keenan TowerHouse featured.

Note: This book was not included in last year’s report because copies were not available until June 2004.

Boyer, Mark, authored the Stormwater Conveyance Section of the Stormwater Section 320 for *Landscape Architectural Graphic Standards*. To be published by John Wiley and Sons. In review process now.

REFEREED ARTICLES AND PROCEEDINGS:

Crone, John V., "A Comparison of Roosevelt Farm Communities in North Carolina and Arkansas", Arts and Humanities Conference hosted by the University of Hawaii in Honolulu, January 2005.

Fields, Laurie, "Designing a Global Perspective", IDEC (Interior Design Educators Council) Southwest Regional Conference, Dallas TX, October 2004.

Fields, Laurie, "Service Learning Projects: A Value in Design Programs?", IDEC International Conference, Savannah, GA, March 2005.

Fields, Laurie, "Radical Paris Parks: Planned Urban Open Space and Multicultural Cities", EDRA (Environmental Design Research Association) International Conference, Vancouver, British Columbia, April 2005.

Kucker, Patricia C., "Riding the Dragon: First Year Studio Culture." Beginning Design Student Conference, University of San Antonio. February 2005. Conference proceedings pending.

Messadi, Tahar, Godfried Augenbroe, Cheool-Soo Park, Nader Sadegh, Mate Thitisawat, "Calibration of Lumped Simulation Model for Double Skin Façade Systems, *Energy and Buildings Journal*, Volume 36, Issue 11, November 2004, Pages 1117-1130, Elsevier Press.

Messadi, Tahar, Godfried Augenbroe, Cheool-Soo Park, Nader Sadegh, Mate Thitisawat, "Real-Time Optimization of a Double-Skin Façade Based on Lumped Modeling and Occupant Preference, *Building and Environment Journal*, Volume 39, August 2004, Pages 939-948, Elsevier Press

Smith, Korydon H., "Varying Doubles: The Casting of Multiple Personality Disorder in Architecture". Refereed publication in: *Intersight*, Vol. 7, 2004, 74-85.

Smith, Korydon H., "Varying Doubles: Methods of Precedence in the Barcelona Pavilion", Paper published in the proceedings of the International Arts and Humanities Conference, Honolulu, Hawaii, January 2005.

ARTICLES AND NONREFEREED PUBLICATIONS:

Beatty, Frances G., Reviewed article for *ARRIS –The Journal of Southeast Society of ArchitecturalHistorians* (SESAH) entitled "Before the Big Dig: Boston's Central Artery as a Construct of MidCentury Modernity".

Blackwell, Marlon G., Batture: The LSU School of Architecture Journal, *Critical Regionalism*, Vol.1 No.1, Copyright 2004, ISBN 0-9761980-0-2, published by the LSU School of Architecture, (pgs. 24 –31), “Dragonflies and Tumbleweeds” by David Buege, projects by Marlon Blackwell.

Note: The content of the article was a collaboration between David Buege and I, however David wrote the text and I helped to provide content ideas and edit it. The projects featured include the Moore HoneyHouse, the Bullfrog Villa, and the DragonFly House.

Blackwell, Marlon G. *At Home in Arkansas*, Little Rock, Arkansas, January 2005, (pg.35), “Marlon Blackwell: An Award-Winning Fayetteville Architect is Building History One Structure At A Time” by Julie Craig. A profile article featuring my built work, recent commissions, honors, and awards. (photo of Keenan TowerHouse).

Blackwell, Marlon G., *CitiScapes*, Metro Monthly, Fayetteville, Arkansas, August 2004, Vol. 4, NO. 8, (pg.10-12), an article featuring the Moore HoneyHouse and Keenan Tower for being included in the *Phaidon Atlas of Contemporary World Architecture*.

Blackwell, Marlon G., *CITY*, New York, New York. Spring/Summer Design Issue. Article on his new residential structures that features the Keenan TowerHouse.

Blackwell, Marlon G., *Democrat Gazette*, Little Rock, Arkansas, Sunday, May 29, 2005, Northwest Arkansas Section B, (pg. 1B, 4B) , “Designed to introduce the designer”, by Chris Branham, an article (with multiple photos) focusing on the new UA tour map of work by the late Fay Jones. I led the reporter on the tour, commenting on the works and the conceptual aspects of Mr. Jones.

Blackwell, Marlon G., *Northwest Arkansas Times*, Fayetteville, Arkansas, Sunday, May 22, 2005, Living Section B, (pg. B7), “New book documents Blackwell’s architectural work in the Ozarks”, an article (with photo) provided by the UA News Services that gives an overview and publicity for our new monograph, *An Architecture of the Ozarks: The Works of Marlon Blackwell*.

Blackwell, Marlon G., *Democrat Gazette*, Little Rock, Arkansas, Sunday, May 08, 2005, Travel Section H, (pg. 5H), “Monograph builds up UA architect Blackwell’s Legacy” by Scott Johnson, a book review (with photo) on “*An Architecture of the Ozarks: The Works of Marlon Blackwell*”.

Blackwell, Marlon G., *Democrat Gazette*, Little Rock, Arkansas, Sunday, May 01, 2005, Section D, (pg. 4D), “Ozarks-loving architect”, by Kara Isham, an update (with photo) on my Nov. 02, 2003 Northwest Arkansas Profile recognizing the new monograph, new design projects, and the design of our new house.

Blackwell, Marlon G., *Democrat Gazette*, Little Rock, Arkansas, Sunday, April 24, 2005, Style Section E, (pg. 1E, 4E), “The Improviser”, by Kyle Brazzel, a Q&A interview discussing the monograph and my views on modern architecture.

Blackwell, Marlon G., *Morning News*, Fayetteville, Arkansas, Thursday, April 14, 2005, Section E, (pg. 1E, 3E), “Architecture of the Ozarks: Book Showcases Fayetteville Man’s Work”, by Heidi Stambuck, a book review of the monograph, “*An Architecture of the Ozarks: The Works of Marlon Blackwell*”. Article highlights my design principles, biographic information, and new projects. Multiple photos feature the Srygley Office Building and the Fred and Mary Smith Razorback Golf Center.

Blackwell, Marlon G., *Northwest Times*, Fayetteville, Arkansas, Sunday, October 17, 2004, Living Section B, (pg. B2) an article (with photo) in “Northwest Arkansas Faces”, compiled by Cassie Calaway announces winning the IMA competititon, new books featuring built work, the new monograph, new projects, and the Keenan Towerhouse being featured on the Travel Channel’s Amazing Vacation Homes.

Blackwell, Marlon G., *Democrat Gazette*, Little Rock, Arkansas, Sunday, October 17, 2004, Section B, (pg. 2B), “UA architecture professor to help design museum park”, by staff reporter. An article (with photo) about winning the Indianapolis Art Park and Art and Nature Center competition.

Fields, Laurie, Manuscript review for Pearson Prentice Hall Publishers, *Contemporary Leaders in Landscape Architecture*.

RESEARCH REPORTS:

Brittenum, Judy B., American Society of Landscape Architects (ASLA), Leadership Committee, Co-Author of National Public Speaking Workshop Revisions.

Crone, John V., “Roosevelt’s Farm Resettlement Communities in Arkansas. Research report funded by School of Architecture Grant for \$2500 completed during fall semester.

Herman, Gregory, Team Member for University of Arkansas White Paper project [with Kory Smith, Department of Architecture (Primary Investigator); Brent Williams, Rehabilitation Education and Research Program; and Richard T. Roessler, Rehabilitation, Human Resources, and Communication Disorders] entitled: *Live-in Laboratory: Disability, Housing, and Independent Living*. Unsuccessful at level presented; other venues for proposal being pursued.

Herman, Gregory, Continued preliminary research work on modular housing and presentation of work conducted in summer 2003.

Messadi, Tahar, Steve Luoni, Korydon Smith, “Inclusive, Integrative Housing: Evaluating the ‘Whole House’ Approach for Independent Living, National Science Foundation Partnerships for Advancing Technologies in Housing (PATH), Department of Housing and Urban Development, April 19, 2005.

Messadi, Tahar, Mark Gross, Steve Luoni, Darin Nutter, “Residential Development with Advanced Conservation Technologies”, Tim Brown, President Retirement Resorts LLC, Little Rock, Arkansas, June 28, 2004.

Messadi, Tahar, Ian Ferguson, “Smart LED Envelope: Integration of Solid State Lighting Technologies into Smart Facades, Department of Energy, July 30, 2004.

Smith, Korydon H., “University of Arkansas Universal Design Project,” Quarterly Report: August 2004. Report submitted to the *Arkansas Governor’s Task Force on Supported Housing* research activities, findings, and expenditures.

Smith, Korydon H., “University of Arkansas Universal Design Project,” Six-Month Report: November 2004. Report submitted to the *Arkansas Governor’s Task Force on Supported Housing* research activities, findings, and expenditures.

Smith, Korydon H., “University of Arkansas Universal Design Project,” December Report: December 2004. Report submitted to the *Arkansas Governor’s Task Force on Supported Housing* research activities, findings, and expenditures.

Smith, Korydon H., “University of Arkansas Universal Design Project,” Partner’s Report, March 2005. Report submitted to the *Arkansas Governor’s Task Force on Supported Housing* research activities, findings, and expenditures.

INVITED LECTURES:

Blackwell, Marlon G., Arkansas Arts Center, Little Rock, Arkansas “*Building Between*”, April 2005, (Erin Branham, coordinator) Included a Book signing.

Blackwell, Marlon G., Arkansas Literary Festival, Arkansas Historic Museum, Little Rock, Arkansas, April 2005. An invited featured author presenting my new monograph, “*An Architecture of the Ozarks: The Works of Marlon Blackwell*”, followed by a Q & A session with moderator, Chris Smith.

Blackwell, Marlon G., American University in Sharjah School of Architecture, Sharjah, UAE “*Building Between*”, March 2005, (Bruce Lonman, Chair). Time in Sharjah also included student reviews and being a featured speaker with Marc Angelil, Switzerland, at a symposium on Practice and Teaching. Six residential projects were also exhibited in the school gallery.

- Blackwell, Marlon G., University of Utah School of Architecture, Salt Lake City, Utah, *Building Between*, March 2005, (Mimi Locher, coordinator).
- Blackwell, Marlon G., Indianapolis Museum of Art, Indianapolis, Indian, *Presentation on Sustainability at annual Public Forum*, November 2004.
- Blackwell, Marlon G., Iowa State University School of Architecture, Ames, Iowa, *Articulating the Everyday*, October 2004, (Cal Lewis, chair).
- Blackwell, Marlon G., Florida International University School of Architecture, Miami, Florida, *Building Between*, October 2004, (Adam Drisin, chair).
- Blackwell, Marlon G., AIA Kansas State Convention, Kansas City, Missouri, *Building Between*, October 2004, (Douglas R. Cook, chair).
- Blackwell, Marlon G., Mississippi State University, Starkville, Mississippi, May 2005, Undergraduate Thesis Final Reviews. (David Buege, coordinator).
- Blackwell, Marlon G., University of Utah, Salt Lake City, Utah, March 2005, Graduate Thesis Mid-Reviews (Mimi Locher, coordinator).
- Blackwell, Marlon G., Washington University at St. Louis, Missouri, December 2004, Graduate I Studio Project (Brian McKay-Lyons, coordinator).
- Blackwell, Marlon G., Acted as Chair of the St. Louis AIA Design Awards Jury. Presented design awards in St. Louis, Missouri in November 2004. Other jury members included Coleman Coker, Memphis, Tennessee and David Buege, Jackson, Mississippi.
- Blackwell, Marlon G., Invited by Vernon Mays, Curator of Architecture+Design at the Virginia Center for Architecture in Richmond, Virginia, to be part of the “Southern Architects’ exhibition set for September 2005. Other architects who will also exhibit their work include Frank Harmon, MackScogin/Merrill Elam, W.G. Clark, Lake/Flato, and the Rural Studio.
- Blackwell, Marlon G., The Keenan Towerhouse was featured in a 15 minute segment on the Travel Channel show “Exotic Homes”. The film was shot in July 2004 and aired nationally and internationally in October 2004. Show is still in circulation.
- Blackwell, Marlon G., Selected by Provost Bob Smith as an outstanding “integrated scholar” and featured in a video press release profile in September at Reynolds Razoback Stadium.

- Boyer, Mark, "The Principles of Proper Drainage and Effects of Improper Landscape Design," for the Arkansas Association of Real Estate Inspectors Third Annual Seminar for Home Inspectors, April 30, 2005, Little Rock, Arkansas.
- Boyer, Mark, Invited lecturer to the ENSC 400 Poland and Environmental Conservation Class in Spring, 2005.
- Boyer, Mark, Invited lecturer to the ARCH 5162 Tech 6 Course in the Fall.
- Boyer, Mark, LARE Licensure Review for the Texas Chapter of the ASLA. Co-instructor. Dallas, Texas, May 2004.
- Boyer, Mark, "NWA Water/watershed Dynamics", NWA Regional Storm Water Education Steering Committee, Springdale, AR, July 2004.
- Brittenum, Judy B., "Trees as Horticultural Therapy", Arkansas Urban Forestry Conference, Hot Springs, Arkansas, April 2005.
- Brittenum, Judy B., "The Historic Hot Springs National Park Landscape: A City in a Garden", Arkansas Heritage Seminar, Hot Springs, Arkansas, May 7, 2005.
- Crone, John V., "Cultural Landscapes of Arkansas with Special Reference to Roosevelt Farm Communities", Lecture given to Clover Bend Historical Society in Imboden, Arkansas, May 7, 2005. (Honorarium received).
- Fields, Laurie, "Design Concept", University of Arkansas, Landscape Architecture Design I, November 2004.
- Fields, Laurie, "Nature and Culture: German Parks after the Wall", Cornell University, Department of Landscape Architecture, November 2004.
- Kucker, Patricia C., "Pedagogy and Praxis." Ohio State University, May 2005
- Kucker, Patricia C., Invited Studio Critic/Review, Ohio State University , May 2005.
- Kucker, Patricia C., Invited Studio Critic/Review, University of Illinois at Chicago, May 2005.
- Kucker, Patricia C., Invited Studio Critic/Review, University of Pennsylvania, December 2004.
- Smith, Korydon H., "Inclusive Design in the Contemporary Gallery: Dual Benefits for Patrons and Employees". Invited lecture presentation at *State of the Arts: Careers in the Arts for People with Disabilities*, sponsored by the Arkansas Arts Council, September 14, 2004.

Terry, Laura M., "Learning from Alice Walker: Porches, Paintings and a Side of Collards," Arkansas Arts Center, Little Rock, Arkansas, December 7, 2004.

REFEREED SCHOLARLY PAPER PRESENTATIONS:

Brittenum, Judy B., Paper accepted, but Travel Funds not awarded by Department in order to travel to New Zealand for CELA Conference.

Fields, Laurie, "Designing a Global Perspective", IDEC (Interior Design Educators Council) Southwest Regional Conference, Dallas, TX, October 2004.

Fields, Laurie, "Service Learning Projects: A Value in Design Programs?" IDEC International Conference, Savannah, GA, March 2005.

Fields, Laurie, "Radical Paris Parks: Planned Urban Open Space and Multicultural Cities", EDRA (Environmental Design Research Association) International Conference, Vancouver, British Columbia, April 2005.

Goodstein-Murphree, Ethel S., "Building Heavenly Bodies, The Body as Building Metaphor in the Medieval Church," Annual Conference of the Southeast Medieval Association, Charleston, South Carolina, October 15, 2004.

Goodstein-Murphree, Ethel S., "What's a nice architectural historian like you doing in a truck stop like this?" Architectural Research Centers Consortium (ARCC) National Conference on Architectural Research, Jackson, Mississippi, April 7, 2005.

Kucker, Patricia C., "Riding the Dragon: First Year Studio Culture." Beginning Design Student Conference, University of San Antonio, February 2005.

Smith, Korydon H., "Problem-Based Learning in Architecture and Medicine: Comparing Pedagogical Models in Beginning Professional Education." Paper presented at the National Conference on the Beginning Design Student, University of Texas, San Antonio, San Antonio, Texas, February 2005.

Smith, Korydon H., "Varying Doubles: Methods of Precedence in the Barcelona Pavilion [and the Barcelona Pavilion." Paper presented at the International Arts and Humanities Conference, Honolulu, Hawaii, January 2005.

Sexton, Kim S., "Untainted Transactions: Loggias and the Social Space of Money." Society of Architectural Historians, Vancouver, BC, April 7, 2005.

Terry, Laura M., "Paradise Lost: Contemporary Paintings of the Literary South", Hawaii International Conference on the Arts and Humanities, Honolulu, Hawaii, January 12-17, 2005

CREATIVE WORK:

- Blackwell, Marlon G., *Stalker Memorial Gallery and Retreat, Fayetteville, Arkansas, April 2005* Selected to design a place of serenity and reflection celebrating Eva and Kenneth Stalker's life legacy. Program includes site and landscape design for the 5.5 acre site at the top of Mount Sequoyah in Fayetteville, Arkansas, a Gallery facility with spaces for Exhibit, Music Recital (50 person capacity), Library/Study, and renovation of the existing Stalker Residence.
- Blackwell, Marlon G., *Mt. Comfort Presbyterian Church , Fayetteville, Arkansas, March 2005*_Design for a new 9,500 sq.ft. church structure on the 2.9 acre site of the existing Mt Comfort church, the oldest church in Arkansas (1848). Scope includes providing a new sanctuary (230cap.) with parking, fellowship hall, classrooms, offices, library, and nursery. The existing church structure is to be renovated. (*Schematic Design Phase*)
- Blackwell, Marlon G. *Renovations and Additions to the Fulbright Library, Fayetteville, Arkansas October 2004.* A rehabilitation of the old Fayetteville library designed by Warren Seagraves in the 60's. The library is to be converted to 27,000 sq ft of professional offices. Keeping the structure intact, a new storefront system provides a thermal infill membrane that is composed of transparent and translucent glass panels. A combination of open and figural office spaces are juxtaposed with the existing column grid. The former enclosed ramp area facing Dickson St. is being converted to a two story conference room featuring maple floors and walls, and a suspended acoustical 'shroud figure' clad in black zinc. (*Design Development Phase*)
- Blackwell, Marlon G., *Fehnel Art and Nature Center /Virginia Fairbanks Art Park, Indianapolis Museum of Art, Indianapolis, Indiana, September 2004.* A 3,500-5000 sq.ft. art and nature center with meeting rooms and exhibit spaces. The structure is to explore, through form, the boundaries between art and nature. It will be located within a 100acre art park adjacent to the IMA. This is volatile site prone to flooding, bounded by the white river and a canal with a 30acre lake (a former quarry) at its center. We are doing the project in collaboration with ed blake and his firm the landscape studio. (*Preliminary Design Phase*)
- Blackwell, Marlon G., *Srygley Office Building, Johnson, Arkansas, A 4500 sq. ft. office building located in a small suburban office park. Oriented north-south, the structure is inflected at the center of the east elevation to provide a 'slipped' entry from the parking lot. A continuous burnished granite faced concrete block wall with glass curtain wall construction supports white ribbed metal clad exterior walls and roof. Features a cigar/wine room with a folding exterior glass panel wall. (construction completed October 2004)*

Blackwell, Marlon G., *Blessings Cart Storage ,Pool, Guard House, and Bathrooms, Johnson, Arkansas*. A 6500 sq.ft. structure of drystack stone and painted block for storing golf carts, providing administrative offices for the clubhouse and golf course, and pool bathrooms. The structure acts as a backdrop to the adjacent swimming pool. A revised guardhouse of stone and copper continues the tectonic language of the clubhouse and razorback center. Located at the 9th hole on the golf course and simple butterfly roof structure of stone and fir planks provides bathrooms and a rest stop for golfers. (*construction completed June 2004*)

Blackwell, Marlon G. *Blessings Golf Clubhouse, Johnson, Arkansas, 2002 – present*. A 20,000 sq. ft. contemporary golf clubhouse clad in copper and local dry stacked stone. Designed to span into an Osage Indian archaeological zone within the Blessings Golf course and development. An entry portal frames the 18th green and provides access to the valley beyond as well as an event space and orientation to the various clubhouse functions including the first floor Dining and Golf proshop and the second floor men's grille, men and women's locker rooms, a wet area with steamroom and hot tub, and exercise area. primary interior materials include stone and wood floors, walnut and cherry millwork with a aluminum window system. (*Construction scheduled for completion august 2005*)

Blackwell, Marlon G., *Maritza Munich Residence, Rogers, Arkansas, February 2004 – March 2005*. A 4000 sq.ft. residence for a single woman and her teenage daughter. Located on a 20 acre wooded site with a one-acre pond. Scheme provides for a courtyard with a swimming pool between two primary structures – one with living areas and one with bedroom areas. The project incorporates dry-stack stone walls and a Brazilian redwood rain screen system and weathered steel panels. (*Construction Document Phase*) - *Project currently on hold*

Blackwell, Marlon G., *Visitors Pavillion at the Strawberry Plains Audubon Center, Holly Springs, Mississippi*. An outdoor pavilion where visitors arrive and are oriented before the begin tours and exploration of this 300 acre nature preserve (a former 19th century plantation) and its restored antebellum home. I participated in a strategic planning session in June 2004 and May 2005. Will begin the design process once the masterplan is completed by Ed Blake and the landscape studio.

Blackwell, Marlon G., *Gentry City Center, Gentry, Arkansas, 2003 – present* (Bidding Phase - Construction to begin fall 2005) A city public library, a senior citizens center, and a city history museum within the two existing brick structures (12,000sq.ft.), a new exhibit structure (1200 sq.ft.) for an antique fire truck, an urban pocket park and new urban plaza. In an effort to elevate the significance of the existing buildings, they are conceived as an artifact of the city museum. Steel and glass volumes encase existing openings, brick ornament, interior columns and selected walls at the ground and second floors.

- Crone, John V., "A Visual Site Analysis for the City of West Memphis Interstate Intersection with Highway 77." This report was prepared as part of an interdisciplinary teaching effort involving LA Design III, Art, and Civil Engineering Students.
- Fields, Laurie, Two Rivers Park, City of Little Rock, Arkansas (with Community Design Center). Planning and design phases are complete. Construction scheduled to begin in Fall 2005.
- Messadi, Tahar, Acoustical Design, Old Library Conference Room, Fayetteville, Arkansas, Design Phase for Marlon Blackwell, Architect, December 2004.
- Messadi, Tahar, Acoustical Design: Design Development of Acoustical Separations applied to the New Multistory Meadow Place Condominium Building, Fayetteville, Arkansas, Design Phase for Michael Sharp, Architect, Inc., May 2005.
- Messadi, Tahar, Exhibit of Teaching and Research Work, Vol Walker Hall Small Gallery, University of Arkansas, November, 2004.
- Terry, Laura M., Painting Commission for Corporate Client, Johnson, Arkansas, January, 2005.
- Terry, Laura M., Color Consultation for Cooper Architects, Fayetteville, Arkansas, February, 2005.
- Terry, Laura M., "Paradise Lost," an exhibit of recent paintings at Mullins Library, University of Arkansas, Fayetteville, Arkansas, May 2005.

FULBRIGHT COLLEGE OF ARTS AND SCIENCES

ANTHROPOLOGY

BOOKS:

D'Alisera, JoAnn. *An Imagined Geography: Sierra Leonean Muslims in America*. Philadelphia: University of Pennsylvania Press, 2004.

Rose, Jerome C. and Dolores L. Burke, eds. *Sa'ad: A Late Roman/Byzantine Site in North Jordan*. Irbid, Jordan: Yarmouk University Press, 2004. (Rose was co-author of six chapters in the above monograph.)

Steckel, R.H. and J.C. Rose, eds. *The Backbone of History: Health and Nutrition in the Western Hemisphere*. Cambridge, UK: Cambridge University Press, 2004. This book has been published in both hardback and paperback.

Swedenburg, Ted and Rebecca L. Stein, eds. *Palestine, Israel, and the Politics of Popular Culture*. Durham, NC: Duke University Press, 2005.

Articles in the above volume by Ted Swedenburg:

Popular Culture, Transnationality, and Radical History, pp. 1-23 (co-authored)

Against Hybridity: The Case of Enrico Macias/Gaston Ghrenssia, pp. 231-256

CHAPTERS:

Bales, J.R. and K.L. Kvamme. Geophysical Signatures of Earthlodges in the Dakotas. In, D.C. Roper and E.P. Pauls, eds. *Plains Earthlodges: Ethnographic and Archaeological Perspectives*. Tuscaloosa, University of Alabama Press, 2005, pp. 157-183.

Kvamme, K. L. Archaeological Modeling with GIS Scales Large and Small. In *Proceedings of the 24th International Research Symposium: Reading the Historical Spatial Information in the World*, International Research Center for Japanese Studies, Kyoto, February 2005, pp. 141-157.

Mainfort, Robert C. (with David Hally) Prehistory of the Interior Southeast East of the Mississippi after 500 B.C. In, Raymond D. Fogelson, ed., *Handbook of North American Indians--Southeast*. Washington, D.C.: Smithsonian Institution Press, 265-285, 2004.

Plavcan, J. Michael. Sexual Selection, Measures of Sexual Selection, and Sexual Dimorphism in Primates. In, P.M. Kappeler and C.P. van Schaik, eds. *Sexual Selection in Primates: New and Comparative Perspectives*. Cambridge, UK: Cambridge University Press, 2004, pp. 230-252.

Plavcan, J. Michael. Evidence for Early Anthropoid Social Behavior. In, C. Ross and R.F. Kay, eds., *Anthropoid Origins: New Visions*. Kluwer Academic/Plenum Publishers, 2004, pp. 383-412.

Rogers, J. Daniel and George Sabo III. Caddo. In, Raymond D. Fogelson, ed., *Handbook of North American Indians—Southeast*. Washington, D.C.: Smithsonian Institution Press, 616-631, 2004.

Sabo, George III, Jami Joe Lockhart, and Jerry E. Hilliard. The Forest as a Resource: From Prehistory to History in the Arkansas Ozarks. In, Martin A. Spetich, ed., *Upland Oak Ecology Symposium: History, Current Conditions, and Sustainability*. U.S. Department of Agriculture, Forest Service, Southern Research Station, General Technical Report SRS-73, Asheville, NC, 2004, pp. 30-35.

Striffler, Steve. We're all Mexicans Here: Poultry Processing, Latino Migration, and the Transformation of Class in the South. In, James Peacock, Harry, Watson, and Carrie R. Matthews, eds. *The American South in a Global World*. Chapel Hill, NC: University of North Carolina Press.

Swedenburg, Ted. Homies in the 'Hood: Rap's Commodification of Insubordination. In, Murray Forman and Mark Anthony Neal, eds., *That's the Joint! The Hip-Hop Studies Reader*. N.Y.: Routledge, 2004, 579-591. (Reprint of an article originally published in *New Formations*, 18(2), 1992.)

Swedenburg, Ted. White Devils as Expert Witness. In, Anne Meneley and Donna J. Young, eds. *Auto-Ethnographies: the Anthropology of Academic Practices*. Peterborough, Ontario: Broadview Press, 2005.

REFEREED ARTICLES:

Dennis, J.C., P.S. Ungar, M.F. Teaford, and K.E. Glander. Dental Topography and Molar Wear in *Alouatta Palliata* from Costa Rica. *American Journal of Physical Anthropology* 125:152-161, 2004.

El-Najjar, M. and J.C. Rose. Preliminary Report of the 2003 Field Session at Ya'amun by the Joint Yarmouk University/University of Arkansas Project. *Annual of the Department of Antiquities of Jordan* 47:491-492, 2003 (2004).

El-Najjar, Mahmoud, F. al-Awad, J.C. Rose, and S. Sari. Dental Pathology as an Indicator of Health at Sa'ad: A Byzantine Site in Northern Jordan. *Mu'tah Lil Buhuth wad-Dirasat* 19(3):9-29.

Mainfort, Robert C. (with Mary L. Kwas). The Bat Creek Stone Revisited: A Fraud Exposed. *American Antiquity* 69(4):761-769, 2004.

Mainfort, Robert C. (with Charles H. McNutt). Calibrated Radiocarbon Chronology for Pinson Mounds and Middle Woodland in the Midsouth. *Southeastern Archaeology* 23(1):12-24, 2004.

Mainfort, Robert C. (with Rita Fisher-Carroll and Daniel G. Gall). Hillabee Greenstone in Northeast Arkansas. *Journal of Alabama Archaeology* 50(1):50-57, 2004.

Mainfort, Robert C. (with Charles H. McNutt). Dating the Hazel Site. *Arkansas Archeologist* 43:63-69, 2004.

Mainfort, Robert C. (with Rita Fisher-Carroll). A Ceramic Replica of an Astragalus Die. *Arkansas Archeologist* 43:72-73, 2004.

Plavcan, J. Michael, Charles Lockwood, William H. Kimbel, Michael R. Lague, and Elizabeth H. Harmon. Sexual Dimorphism in *Australopithecus afarensis* Revisited: How Strong is the Case for a Human-Like Pattern of Dimorphism? *Journal of Human Evolution* 48:313-320, 2005.

Rose, J.C., A. al-Shiyab, S. Fayyad. Tall Ya'm@n. *Munjaz~t*, (ed.) F. Al-Khaysheh. Amman, Jordan: Department of Antiquities 47-48, 2001 (2004).

Schubert, B. W. and P.S. Ungar. Reflecting on Their Bite: Wear Facets and Occlusal Relationships in Tyrannosaurs. *Acta Palaeontologica Polonica* 50:93-99, 2005.

Swedenburg, Ted. The 'Arab Wave' in World Music After 9/11. *Anthropologica* 46(2). Special issue on "Commodities, Capitalism and Globalization," guest editors, Pauline Gardiner Barber and Winnie Lem, 2004.

Swedenburg, Ted and Rebecca L. Stein, Popular Culture, Relational History, and the Question of Power in Palestine and Israel. *Journal of Palestine Studies* 33(4), 2004.

Ungar, P.S., M. Teaford, and R.F. Kay. Molar Microwear and Shearing Crest Development in Miocene Catarrhines. *Anthropologie* 42:21-35, 2004.

Ungar, P.S. The Evolution of 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.

Ungar, P.S. Dental Evidence for the Diets of Fossil Primates at Rudabanya. *Paleontographia Italica* 89:14-15, 2004.

NONREFEREED ARTICLES AND REPORTS:

Kvamme, K. L. *Geophysical Findings at Double Ditch State Historic Site (32BL8), Flagstaff, AZ*, on file at the State Historical Society of North Dakota, Bismarck.

Kvamme, K.L. Archaeological Modeling with GIS at Scales Large and Small. In *Proceedings of the 24th International Research Symposium: Reading the Historical Spatial Information in the World*. International Research Center for Japanese Studies, Kyoto, pp. 141-157, February 2005.

Kvamme, Kenneth L. *Magnetic Surveys at Double Ditch, 2001-2004*. State Historical Society of North Dakota, March 2005.

Kvamme, Kenneth L. *Mapping the Double Ditch State Historical Site, 2004*. State Historical Society of North Dakota, March 2005.

Kvamme, Kenneth L. *Aerial Remote Sensing at Double Ditch, 2003-2004*. State Historical Society of North Dakota, March 2005.

Kvamme, Kenneth L. *Other Remote Sensing Activities at Double Ditch*. State Historical Society of North Dakota, March 2005.

Kvamme, Kenneth L. *Final Report: Four Years of Geophysical Surveys at the Double Ditch State Historic Site, 2001-2004*. State Historical Society of North Dakota, June 2005.

Kvamme, Kenneth L. *Data Archive for Geophysical Surveys on State Lands in North Dakota, 1997-2004*. State Historical Society of North Dakota, June 2005.

Kvamme, K. L., E.G. Ernenwein, W. Fredrick Limp, D.L. Harmon, SERDP Annual Report, CS1263. Submitted to the Strategic Environmental Research and Development Program, Department of Defense, Washington, D.C.

Lockwood, C.L. and J. M. Plavcan, Patterns of Sexual Dimorphism in the Facial Skeleton of Fossil Hominins. *American Journal of Physical Anthropology Supplement* 38, 2005, p. 166.

Plavcan, J. Michael. Inferring Hominin Behavior from Dimorphism in a Phylogenetic Context. *American Journal of Physical Anthropology Supplement* 38:166, 2005.

Sabo, George. Studying Rock Art in Arkansas Provides Clues about Ancient Cosmologies. *Anthropology News* 45(5):25, May 2005. (This article was a part of a series highlighting anthropological research funded by NEH.)

Schneider, Mary Jo. Book review. Bioarcheology of the Florida Gulf Coast: Adaptation, Conflict, and Change. Dale L. Hutchinson with contributions by Lynett Norr and Mark Teaford. *Gulf South Historical Review* 20(2):92, Spring 2005.

Scott, R.S., T.S. Bergstrom, C.A. Brown, M.F. Teaford, A. Walker, and P.S. Ungar. A Measurement Based Technique for Dental Microwear Analysis: Applying Confocal Microscopy and Scale-sensitive Fractal Analysis. *American Journal of Physical Anthropology Supplement* #40, 2005.

Ungar, P.S. and S. Taylor. Dental Topographic Analysis: Tooth Wear and Function. *American Journal of Physical Anthropology, Supplement* #40, 2005.

INVITED LECTURES:

Casana, Jesse. *Society and Environment in Prehistoric Southwest Asia*. Special Symposium in honor of Frank Hole. Yale University, Princeton, NJ, April 2005.

Erickson, Kirstin C. *Text into Textile: Representing Yaqui Sacred Space*. Gallery Talk, Rochester Art Center, Rochester, MN, April 2005.

Ernenwein, Eileen G., Kenneth L. Kvamme, W. Fredrick Limp, Deborah L. Harmon, Michael L. Hargrave, Thomas L. Sever. *Archaeo-Geophysical, Panchromatic, and Multispectral Data Synergy at Four DoD and DoE Archaeological Sites*. DoD Conservation Conference, Savannah, GA, August 2004.

Grine, F.E., P.S. Ungar, M.F. Teaford, S. El-Zaatari. *S. Pliocene Paleoecological Reconstructions and Molar Microwear in Praeanthropus afarensis*. NSF Early Hominin Paleocology Workshop, Boulder, CO, October 2004.

Kvamme, K. L. *Data Fusion of Archaeological Remote Sensing from Ground-, Air-, and Space-Based Platforms*. Partners in Environmental Technology Symposium, Washington, D.C., November 2004.

Kvamme, K. L. *Archaeological Modeling with GIS at Scales Large and Small*. 24th International Research Symposium: Reading the Historical Spatial Information in the World. International Research Center for Japanese Studies, Kyoto, February 2005.

Nolan, Justin and Mary Jo Schneider. *Many Roads to Wellness: Medical Pluralism in the Arkansas Uplands*. Key Symposium, Southern Anthropological Society, Knoxville, March 2005. This paper will be published in the Proceedings (editors Betty Duggan and Steve Fulmar) by the University of Georgia Press.

Plavcan, J. Michael. Symposium at the State University of New York at Stony Brook, *Understanding Sexual Dimorphism as a Function of Male and Female Traits*, May 2005.

Schubert, B., P.S. Ungar, J. Lee-Thorp, K.E. Reed, M. Sponheimer. *Bovine Diets and Paleoenvironments at Makapansgat: A Study Based on Dental Wear*. NSF Early Hominin Paleocology Workshop, Boulder, CO, October 2004.

Striffler, Steve. *Transnational Agribusiness and the Shaping of Identity in Latin America*. Labor and Globalization: A Mini-conference sponsored by the Ford Foundation. Las Vegas, NV, October 2004.

Striffler, Steve. *Movement and Migration in the Making of Latin America*. Department of Anthropology, Vanderbilt University, Nashville, TN, March 2005.

Striffler, Steve. *The Human and the Animal*. Latin American Labor History Conference, Duke University, Durham, NC, April 2005.

Swedenburg, Ted. *Against Hybridity: the Case of Enrico Macias/Gaston Ghrenassia*. Workshop paper presented to the Department of Middle Eastern and Islamic Studies, New York University, February 2005.

Swedenburg, Ted. *Enrico Macias, the Music of Arab Jews, and the Question of Israel/Palestine*. Department of Anthropology and the Program in South Asian and Middle Eastern Studies, University of Illinois, Urbana, March 2005.

Swedenburg, Ted. *Music in the Interzone: Enrico Macias, Arab-Jewish Music and the Israel-Palestine Question*. Center for the Middle East Studies, University of Chicago, October 2004.

Ungar, P.S. *Chewing It Over: Using Worn Teeth to Reconstruct Diet in Early Hominins and Other Fossil Primates*. University of Cape Town, South Africa, July 2004.

Ungar, P.S. and M.F. Teaford. *Dental Insights into Diet in Modern and Fossil Primates: Part II*. Minnesota: University of Minnesota, December 2004.

Ungar, P.S. *Dental Evidence for the Origin and Evolution of Human Diet. Special Symposium, "Better Nutrition for a Better World: Origin and Evolution of the Modern Human Diet"*. American Association for the Advancement of Science, Washington, D.C., February 2005.

Ungar, P.S. *Dental Topographic Analysis and Diets of Early Hominins*. Dental Perspectives on Human Evolution, Leipsig, Germany: Max Planck Institute, May 2005.

Ungar, P.S. *Dental Topography and Diets of Australopithecus afarensis and Early Homo*. NSF Early Hominin Paleoecology Workshop. Boulder, CO, October 2004.

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Ahler, Stanley A., Kenneth L. Kvamme, Phil R. Geib, and W. Raymond Wood. *Settlement Change at Double Ditch, AD 1450-1785*. Plains Anthropological Conference, Billings, MT, October 2004.

Casana, Jesse. *Deconstructing the Tell: Nucleated Settlement Systems of the Northern Fertile Crescent*. American Schools of Oriental Research. San Antonio, TX, November 2004.

Casana, Jesse. *Settlement Dynamics and Environmental Degradation in the Northern Levant*. Society for American Archaeology, Salt Lake City, UT, March 2005. (Session chair, "The Neolithic of Europe and Southwest Asia".)

Casana, Jesse. *Settlement Dispersal and Environmental Degradation in Southwest Asia*. Society and Economy in Prehistoric Southwest Asia. Symposium in honor of Frank Hole's retirement, Yale University, April 2005.

Casana, Jesse. *Mediterranean Valleys Revisited: Linking Land Use, Climate Change, and Soil Erosion*. Association of American Geographers, Denver, CO, April 2005.

Erickson, Kirstin. *Specters of Violence and Enchanted Landscapes: Anxiety and Sentiment in Yaqui Narrative*. American Ethnological Society/American Psychological Society Conference, San Diego, CA, April 2005.

Ernenwein, Eileen G. and Kenneth L. Kvamme. *Ground-penetrating Radar at the Landscape Scale: New Problems and Possible Solutions*. Archaeological Sciences of the Americas Symposium, University of Arizona, Tucson, September 2004.

Kvamme, Kenneth L. *Multidimensional Remote Sensing and Data Fusion in North American Archaeological Sites*. International Union of Pre- and Proto-historic Sciences, Commission IV: Data Management and Mathematical Methods in Archaeology, Santa Fe, NM, October 2004.

Kvamme, Kenneth L., Jo Ann C. Kvamme, Eileen G. Ernenwein, and Christine J. Markussen. *Four Years of Geophysical Prospecting at Double Ditch State Site, North Dakota*. Plains Anthropological Conference, Billings, MT, October 2004.

Kvamme, Jo Ann C., Tommy Ike Hailey, and Kenneth L. Kvamme. *Aerial Archaeology at Double Ditch State Historic Site, North Dakota*. Plains Anthropological Conference, Billings, MT, October 2004.

Markussen, Christine J., Eileen G. Ernenwein, Stanley A. Ahler, and Kenneth L. Kvamme, *Mapping Microtopography at Double Ditch State Historic Site, North Dakota*. Plains Anthropological Conference, Billings, MT, October 2004.

Nolan, Justin M. *Gender Types on Campus: Using Consensus Analysis to Examine Intracultural Variation*. Society of Anthropological Sciences, Santa Fe, NM, February 2005.

Nolan, Justin M. *Catching on to Ethnoichthyology: The Effects of Formal Taxonomic Training on Freshwater Fish Classification*. Society for Ethnobiology, Anchorage, AK, May 2005. Served as session chair.

ART

BOOKS:

Harington, Donald. Reprints of 6 novels (The Architecture of the Arkansas Ozarks, Some Other Place, The Right Place, The Cockroaches of Stay More, Ekaterina, Butterfly Weed), the Toby Press, 2004.

Jacobs, Lynn, "The Professors' Guide to Getting Good Grades in College," forthcoming, June 2006, Harper Collins.

La Porte, Angela (ed.). Community Connection: Intergenerational links in Art Education. National Art Education Association, Reston, VA, 2004

CHAPTERS:

Harington, Donald, "Christmas on Madewell Mountain," in Christmas in the South: Holiday Stories from the South's Best Writers, Algonquin Books of Chapel Hill, 2004.

REFEREED ARTICLES/PAPERS:

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Harington, Donald, "Review of Douglas Stowe, Tauton's Complete Illustrated Guide to Box Making, Arkansas Democrat-Gazette, March 14, 2004.

Harington, Donald. "Review of Tim McLaurin, Another Son of Man, The Atlanta Journal Constitution, October 31, 2004 and the Raleigh News and Observer, September 2005.

Harington, Donald. "Review of George Garrett's Double Vision," Raleigh News and Observer, December 12, 2004.

Jacobs, Lynn F. "Review of John Hand, Joos van Cleve, Historians of Netherlandish Art Newsletter, April 2005.

INVITED LECTURES

Jacobs, Lynn F., "The Miraculous Threshold in Three Early Netherlandish Infancy Triptychs: Campin, Van der Goes and David," University of Western Ontario, March 2005.

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

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

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS

Harington, Donald, public readings at the First Arkansas Literary Festival, Little Rock, April 23-25, 2004.

Harington, Donald. Public readings at the Tennessee Book Festival, Memphis, October 8-10, 2004.

Harington, Donald. Public readings at bookstores: North Little Rock Tyler and Tyler Bookstore, April 17; Little Rock Wordsworth Bookstore, April 17; Fayetteville Barnes and Nobles, May 1; Oxford Mississippi, Square Books, May 6; Blytheville That Bookstore, May 8; University of Missouri-Rolla, May 12-13; Conway That Bookstore, September 16; Western Carolina University, October 25.

Harington, Donald. “What Tom Benton Did to the Ozarks and Vice Versa,” University of Missouri-Rolla, October 15.

Harington, Donald. Speech and reading for opening of Fayetteville Public Library, October 31.

Harington, Donald. Speech on the history of the Porter Prize, Porter Prize Banquet, Governor’s Mansion, Little Rock.

Jacobs, Lynn F., “The Miraculous Threshold in Early Netherlandish Triptychs: Van Eyck-Bosch,” College Art Association Annual Conference, Atlanta, February 2005.

La Porte, Angela, “Traditional Art of Mexico,” State Art Education Association Conference, Little Rock, November 2004..

La Porte, Angela. “Intergenerational Links in Art Education.” National Art Education Conference, Boston, March 2005.

Peven, Michael, “Teaching Tales: The Effective Use of Story Telling as an Instrument of Instruction,” National Conference on Liberal Arts and The Education of Artists, School of the Visual Arts, New York, NY, October 2004.

CREATIVE ENDEAVORS

Golden, Jackie

“Small Works on Paper,” Arkansas Arts Council, Little Rock, exhibition travels around the state for one year

“Snap to Grid,” international exhibition, L.A. Center for Digital Art, Los Angeles, CA, Sept. 9-Oct. 1, 2004.

“Great Plains National,” Moss-Thorns, Gallery, Fort Hays University, Kansas, April 30-May 28, 2004.

Hulen, Jeannie:

“Sculptural Installations,” solo exhibit, Pratt at Munson Williams Proctor Art Institute, Utica, NY, 2005.

Solo exhibit, Urban Institute for Contemporary Arts, 2005.

“gender rendering: bi products,” solo exhibit, Central Gallery, Houston Community College, Houston, TX, October 2004.

“Faculty and Staff Art Exhibition,” group exhibit, Anne Kittrell Art Gallery, University of Arkansas, November 2004.

“River Market Regional Exhibit, 22nd Annual Juried Competition,” group exhibit, Mallin and Charno Galleries, Kansas City, MO, June-August 2004.

“Third Annual National Juried Exhibition,” group exhibit, Art Source Gallery, Boise, ID, June 2004.

“Dimensions 2004,” group exhibit, Associated Artists of Winston-Salem, Winston-Salem, NC, April-June 2004.

“Exploring Gender,” group exhibit, Walsh Library Gallery, Seton Hall University, South Orange,

NJ, Jan-March, 2004.

“NJCVA International Juried Show,” group exhibit, New Jersey Center for Visual Arts, Summit, NJ, Jan-March, 2004.

Musgnug, Kristin

Faculty exhibition, Anne Kittrell Gallery, University of Arkansas, November 2004.

Nelson, Marilyn:

Global International Competition, international group, Gallery International, Baltimore, MD, November 2004.

OIA Third Annual Juried Show, national juried group, Gallery 402, New York, NY, November 2004.

A Sense of Place, national juried, Gertrude Herbert Institute of Art, Augusta GA, September 2004.

National Exhibition, national juried group, Impact Artist’s Gallery, Buffalo, NY, November 2004.

La Biennale internationale d’estampe contemporaine de Trois-Riveres, international printmaking exhibition, Quebec, Canada, 2005.

Afloat and Ashore, solo exhibition, TW Wood Gallery and Arts Center, Vermont College, Montpelier, VT, 2005.

The Boston Printmakers 2005 North American Print Biennial, 808 Gallery at Boston University, Boston, MA, 2005.

Newman, John

Other Side of the Fence, University of Arkansas, 2 person exhibition, September 2004.

Celebrating Arkansas’ African American Artists, Butler Center for Arkansas Studies, February, 2004.

American All Stars: Fresh Works from the Land of Walmart, Hockney Gallery, Royal College of Art, London, October 2004.

Peven, Michael

Driving, Rogers Gallery, Merrimack College, Andover MA, March 2004

Good Dog/Bon Chien, University Museum, Southern Illinois University, Carbondale, IL, July 2005.

ADJUNCT FACULTY EXHIBITIONS:

Jones, Joanne

Originals, Arkansas Women Artists, Arkansas Committee of the National Museum of Women in the Arts, 8 in-state locations (won 1st place award).

Twenty-Third Annual National Small Works Exhibition,” Tri-county Arts Coucil, Cobleskill, NY.

Photo-Spiva, Spiva Center for the Arts, Joplin, MO.

48th Annual Delta Exhibition, Arkansas Arts Center, Little Rock.

Wise, Steven

2004 National Small Oil Painting exhibition, juried group, Wichita Center for the Arts, Wichita, KS.

47th Annual Delta Exhibition, juried group, Arkansas Arts Center, Little Rock

17th Annual Small Works on Paper, traveling exhibition, Arkansas Arts Council.

BIOLOGICAL SCIENCES

BOOKS:

CHAPTERS:

Filchak, K. E., **W. J. Etges**, N. J. Besansky, and J. L. Feder. 2005. Ecological genetics of host use in diptera. Pages 340-370 *in* The Evolutionary Biology of Flies. D. K. Yeates and B. M. Wiegman (eds.), Columbia University Press.

Kral, T.A., C.R. Bekkum and C.P. McKay. 2004. Growth of methanogens on a Mars soil simulant under simulated Martian conditions. Pages 389-393. *in* Bioastronomy 2002: Life Among the Stars. R.P. Norris and F.H. Stootman (eds.). International Astronomical Union.

Spiegel, F. W., S. L. Stephenson, H. W. Keller, D. L. Moore, and J. C. Cavender. 2004. Sampling the biodiversity of mycetozoans. Pages 547-576 *in* Biodiversity of Fungi: Inventory and Monitoring Methods. G. M Mueller, G. F. Bills, and M. S. Foster (eds). Elsevier Academic Press, Burlington, Massachusetts.

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Montgomery, C. E., N. E. Haertle, and **S. J. Beaupre**. 2004. *Agkistrodon contortrix* (Copperhead) Predation. Herpetological Review 35: 271.

Beaupre, S. J. 2005. Technical Comment: Ratio representations of specific dynamic action (mass-specific SDA and SDA coefficient) do not standardize for body mass and meal size. Physiological and Biochemical Zoology 78:126-131.

Browning, D. M., **S.J. Beaupre**, and L. Duncan. 2005. Using partitioned Malahanobis $D^2(k)$ to formulate a GIS-based model of timber rattlesnake hibernacula. Journal of Wildlife Management 69:33-44.

Curtin, K. D., I. A. Meinertzhagen, and R. J. Wyman. 2005. Basigin (EMMPRIN/CD147) interacts with integrin to affect cellular architecture. Journal of Cell Science 118:2649-2660.

Vig, M., S. Srivastava, U. Kandpal, H. Sade, V. Lewis, A. Sarin, A. George, **J. M. Durdik**, V. Bal, and S. Rath. Inducible nitric oxide synthase expressed in T cells regulates CD4 and CD8 T cell death and memory during immune responses.

Levitan, M. and **W. J. Etges**. 2005. Climate change and recent genetic flux in populations of *Drosophila robusta*. BMC Evolutionary Biology 2005 5:4.

Kral, T.A., C.R. Bekkum and C.P. McKay. 2004. Growth of methanogens on a Mars soil simulant. Origins of Life and Evolution of the Biosphere 34:615-626.

- Loncarich, F. L., and **D. G. Krementz**. 2004. External determination of age and sex of Common Moorhen. *Wildlife Society Bulletin* 32:655-660.
- Magoulick, D. D.** 2004. Effects of predation risk on habitat selection by water column fish, benthic fish and crayfish in stream pools. *Hydrobiologia* 527:209-221.
- Overton, L. C., and **D. D. Rhoads**. 2004. A molecular evolutionary history for the todies (Aves: Todidae) of the Caribbean. *Molecular Phylogenetics and Evolution* 32: 524-538.
- Silberman, J. D.**, A. G. Collins, L. A. Gershwin, P. J. Johnson, and A. J. Roger. 2004. Ellobiopsids of the genus *Thalassomyces* are Alveolates. *Journal of Eukaryotic Microbiology* 51:245-251.
- Jahn, A. E., D. J. Levey, and **K. G. Smith**. 2004. Reflections across hemispheres: A system-wide approach to New World bird migration research. *Auk* 121:1005-1013.
- Dunn, E. H., C. M. Francis, P. J. Blancher, S. R. Drennan, M. A. Howe, D. Lepage, C. S. Robbins, K. V. Rosenberg, J. R. Sauer, and **K. G. Smith**. 2005. Enhancing the scientific value of the Christmas Bird Count. *Auk* 122:338-346.
- Barnhill, R. A., D. Weyer, W. F. Young, **K. G. Smith**, and D. A. James. 2005. Breeding biology of Jabirus, *Jabiru mycteria*, in Belize. *Wilson Bulletin* 117:142-153.
- Spiegel, F. W.**, A. R. Swanson, J. D. Shadwick, and D. E. Hemmes. 2004. Ecological succession of dictyostelid slime molds on the island of Hawai'i. *Systematics and Geography of Plants*. 74:67-79.
- Stephenson, S. L., M. Schnittler, C. Lado, A. Estrada-Torres, D. Wrigley de Basanta, J.C. Landolt, Y. K. Novozhilov, J. Clark, D. L. Moore and **F.W. Spiegel**. 2004. Studies of Neotropical mycetozoans. *Systematics and Geography of Plants*. 74:87-108.
- Walker, J. M.**, J. A. Lemos-Espinal, and H. M. Smith. 2004. *Cnemidophorus costatus barrancarum* (Barranca Whiptail Lizard). Reproduction. *Herpetological Review* 36: 172.
- Cordes, J. E., and **J. M. Walker**. 2005. *Cnemidophorus neomexicanus* (New Whiptail Lizard). Reproduction. *Herpetological Review* 36:172-173.
- Taylor, H. L., **J. M. Walker**, J. E. Cordes, and G. J. Manning. 2004. Life history characteristics support recent origins of D-designation color pattern classes in parthenogenetic *Aspidoscelis tessellata* (Squamata; Teiidae). *Southwestern Naturalist* 50:258-262.
- Taylor, H. L., **J. M. Walker**, J. E. Cordes, and G. J. Manning. 2005. Application of the evolutionary species concept to parthenogenetic entities: comparison of postformational divergence in two clones of *Aspidoscelis tessellata* and between *A. cozumela* and *A. maslini* (Squamata: Teiidae). *Journal of Herpetology* 39:266-277.
- Brisco, S., and **S. Ziegler**. 2004. Effects of solar radiation on the utilization of dissolved organic matter in Ozark headwater streams. *Aquatic Microbial Ecology* 37: 197-208.

Ziegler S., E. Kaiser, and R. Benner. 2004. Seasonal and diel dynamics of dissolved organic nitrogen and phosphorus in a subtropic seagrass-dominated lagoon. *Bulletin of Marine Science* 75: 391-407.

Billings, S., and **S. Ziegler**. 2005. Linking microbial activity and soil organic matter transformations in forest soils under elevated CO₂. *Global Change Biology* 11:1-10.

NONREFEREED PUBLICATIONS & PROCEEDINGS:

Gardner, L. C. and **S. J. Beaupre**. 2004. Thermoregulation and area use by gravid timber rattlesnakes (*Crotalus horridus*) in northwest Arkansas. *Inquiry, Undergraduate Research Journal of the University of Arkansas*, Volume 5, 2004.

Etges, W. J., and W. B. Heed. 2004. A new geographical record for *Drosophila desertorum* and a short review of the *D. ritae* cluster in the *repleta* group of *Drosophila*. *Drosophila Information Service* 87:30-32.

Francis, C. M., P. J. Blancher, S. R. Drennan, E. H. Dunn, M. A. Howe, D. Lepage, C. S. Robbins, K. V. Rosenberg, J. R. Sauer, and **K. G. Smith**. 2004. Improving Christmas Bird Count: Report of a review panel. *American Birds* 58 (104th count):34-43.

Rodewald, P. G., and **K. G. Smith**. 2004. Using wood warbler foraging behavior to understand avian responses to forest management. Pp. 478-483. in: D. A. Yaussy, D. M. Hix, R. P. Long, P. C. Goebel (eds.). *Proceedings. 14th Central Hardwood Forest Conference. USDA Forest Service General Technical Report NE-316.*

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Spiegel, F.W., J.D. Shadwick, and L.A. Lindley-Settlemyre. 2005. A beginner's guide to identifying the common protostelids. Revised, May, 2005.

CHEMISTRY/BIOCHEMISTRY

BOOKS:

L. Schäfer, “Versteckte Wirklichkeit – Wie uns die Quantenphysic zur führt”, Hirzel Verlag, Germany, 2004, 320 pages.

CHAPTERS:

B. Durham and **F. Millett**, “Iron: Heme Proteins and Electron Transport (Cytochromes)”, Chapter in *Encyclopedia of Inorganic Chemistry*, 2004.

C.L. Wilkins, “Mass Spectrometry and Biosensing Research” in World Technology Evaluation Center (WTEC) Panel Report on International Research and Development in Biosensing”(8/2004), 43-50.

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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), 458-63.

Akridge, D.G.; **Akridge, J.M.C.**; Batchelor, J.D.; **Benoit, P.H.**; Brewer, J.; DeHart, J.M.; Keck, B.D.; Jie, L.; **Meier, A.**; Penrose, M.; **Schneider, D.M.**; **Sears, D.W.G.**; Symes, S.J. K.; Yanhong, Z. “Photomosaics of the cathodoluminescence of 60 sections of meteorites and lunar samples”, *Journal of Geophysical Research*, **2004**, 109(E7), CiteID E07S03.

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Baker, J.; **Füsti-Molnar, L.**; **Pulay, P.** “Parallel Density Functional Theory Energies using the Fourier Transform Coulomb Method”, *J. Phys. Chem. A*, **2004**, 108, 3040-7.

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Bakke, B.A.; **McIntosh, M.C.**; **Turnbull, K.D.** “Improved Alkylation and Product Stability in Phosphotriester Formation through Quinone Methide Reactions with Dialkyl Phosphates”, *J. Org. Chem.*, **2005**, ASAP article.

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Jana, N.R.; **Chen, Y.**; **Peng, X.** “Formation of Size- and Shape-Controlled Magnetic (Cr, Mn, Fe, Co, Ni) Oxide Nanocrystals Via a Simple and General Approach”, *Chem. Materials* **2004**, *16*, 3931-5.

Guner, V.A.; Khuong, K.S.; Houk, K.N.; **Chuma, A.**; **Pulay, P.** “Performance of the Handy-Cohen Functionals, OLYP and 03LYP, for the Computation of Hydrocarbon Pericyclic Reaction Activation Barriers”, *J. Phys. Chem. A*, **2004**, *108*, 2959-65.

Clark, E.A.; **Fritsch, I.** “Anodic Stripping Voltammetry Enhancement by Redox Magneto-hydrodynamics”, *Anal. Chem.*, **2004**, *76*(8), 2415-8.

Roberson, L.B.; Kowalik, J.; Tolbert, L.M.; Kloc, C.; Zeis, R.; Chi, X.; **Fleming, R.**; and **Wilkins, C.** “Pentacene Disproportionation during Sublimation for Field-Effect Transistors”, *J. Am. Chem. Soc.*, **2005**, *127*, 3069-75.

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.

Gawley, R.E.; **Narayan, S.**; **Vicic, D.A.** “Absolute Configuration of 2-(tributylstannyl)-pyrrolidine by Anomalous Dispersion X-ray Analysis”, *J. Org. Chem.*, **2005**, *70*, 328-9.

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- Sears, D.W.G.**; Allen, C.C.; Bell, M.S.; Bogard, D.; Britt, D.; Brownlee, D.E.; Chapman, C., Clark, B.C.; Dissley, R.; **Franzen, M.A.**; Goldstein, J.; Nishiizumi, K.; Nyquist, L.; Pieters, C.M.;

Scheeres, D.; Scott, E.R.D.; Treiman, A. "The Hera near-Earth asteroid sample return mission: science requirements of the sample collector". *Advances in Space Research*, **2004**, 34(11), 2276-80.

Colangeli, L.; **Sears, D.W.G.**; Seiferlin, K. "Preface to the special section: Space Simulations in Laboratory: Experiments, Instrumentation, and Modeling", *Journal of Geophysical Research*, **2004**, 109(E7), CiteID E07S01.

Sides, C.R., et al. "Limited proteolysis of novel cellobiohydrolase I", In *Biotechnology of lignocellulose degradation and biomass utilization*. Ed. Ohmiya, K. et al. UNI Publishers Co., **2004**, LTD.P121.

Chen, J.; **Stites, W.E.** "Replacement of *Staphylococcal nuclease* hydrophobic core residues with those from thermophilic homologues indicates packing is improved in some thermostable proteins", *J. Mol. Biol.*, **2004**, 344, 271-80.

Hsu, J.W.P.; **Tian, Z.R.**, Simmons, N.C.; Matzke, C.M.; Voight, J.A.; Liu, J. "Directed Spatial Organization of Zinc Oxide Nanorods", *Nano Letters*, **2005**, 5(1), 83-6.

Vicic, D.A.; **Anderson, T.J.**; Cowan, J.A.; Schultz, A.J. "Synthesis, Structure, and Reactivity of a Dinuclear Metal Complex with Linear M-H-M Bonding" *J. Amer. Chem. Soc.* **2004**, 126, 8132-3. Featured as an "Editors' Choice" highlight in Science magazine: Science, **2004**, 305, 19. Also noted in the German research magazine Nachrichten aus der Chemie, **2004**, 9, 890-1.

Yang M.; Tsang E.M.W.; **Wang Y.A.**; **Peng X.** "Bioreactive Surfaces Prepared via the Self-Assembly of Dendron Thiols and Subsequent Dendrimer Bridging Reactions", *Langmuir*, **2005**, 21(5), 1858-65.

Li L.; Pradhan N.; **Wang Y.**; **Peng X.** "High Quality ZnSe and ZnS Nanocrystals Formed by Activating Zinc Carboxylate Precursors", *Nano Lett.*, **2004**, 4, 2261.

Nazzal, A.; Wang, X.; Qu, L.; Yu, W.; **Wang, Y.**; **Peng, X.**; Xiao, M. "Environmental Effects on Photoluminescence of Highly Luminescent CdSe and CdSe/ZnS Core/Shell Nanocrystals in Polymer Thin Films", *J. Phys. Chem.*, **2004**, 108, 5507.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Franzen, M.A.; **Sears, D.W.G.**; Roe, L.; Buffington, J.; Venechuk, E.; Azouggagh-McBride, S. "The Hera TGIP Sample Collector", *American Astronomical Society*, DPS meeting #36, 11/**2004**, #14.03.

Sears, D.W.G.; **Moore, S.R.** "Stability of water on Mars", *American Astronomical Society*, DPS meeting #36, 11/**2004**, #45.09.

Zaslavsky, D.; **Sadoski, R.C.**; **Rajagukguk, S.**; **Geren, L.**, **Millett, F.**; **Durham, B.**; Gennis, R.B. "Direct measurement of proton release by cytochrome c oxidase in solution during the F→O transition", *Proceedings of the National Academy of Science*, **2004**, *101*(29), 10544-7.

INVITED LECTURES:

Clark, E.A.; **Arumugam, P.U.**; **Fritsch, I.** "Control of Fluid Flow Using Redox Magnetohydrodynamics for Chip-Based Microfluidics and Analytical Applications", Symposium on Microfluidics and Electrophoresis, Meeting of the Electrochemical Society, Honolulu, HI, October 3-8, **2004**.

Fritsch, I.; **YogaNarasimhan, P.**; **Arumugam, P.U.**; **Vandaveer, W.R. IV**; Nguyen, C.; Xi, Y.; Ang, S.S.; Woodward, D.J. "New strategies, microfabricated materials and device geometries, and instrumentation for electrochemical detection of dopamine", symposium on Watching Chemistry in the Central Nervous System, Pittcon 2005, Orlando, February 27-March 4, **2005**.

Gawley, R. International Symposium on Carbanion Chemistry (Alicante, Spain), lecture and 2 contributed posters, EPA Conference on Nanotechnology, Philadelphia.

McIntosh, M.C. "Synthesis of Bioactive Natural Products", University of Arkansas for Medical Sciences, Little Rock, AR, September 15, **2004**.

McIntosh, M.C. "Approach to the Synthesis of the Massileunicellins", West Virginia University, Morgantown, WV, October 18, **2004**.

McIntosh, M.C. "Approach to the Synthesis of the Massileunicellins", Florida State University, Tallahassee, FL, November 16, **2004**.

McIntosh, M.C. "Approach to the Synthesis of the Massileunicellins", Rutgers University, New Brunswick, NJ, December 14, **2004**.

McIntosh, M.C. "Complementary Claisen and Aldol Approaches to the Eunicellin Diterpenes", Merck, Rahway, NJ, December 15, **2004**.

Peng, X. ACS National Meeting, San Diego, March **2005**.

Peng, X. Foundation of Nanoscience Annual Meeting, Keynote Speech, Snowbird, April **2005**.

Pulay, P. "Alternative Approaches to Large-Scale Electronic Structure Calculations", 228th National American Chemical Society Meeting, Philadelphia, PA, August 22-26, **2004**.

Pulay, P. "Toward Full-Accuracy Local Correlation Methods", Local Correlation Methods from Molecules to Crystals, Torino, Italy, September 9-11, **2004**.

Pulay, P. “Calculation of Second-Order Møller-Plesset Energies and Gradients for Large Molecules”, Southwest Regional ACS Meeting, Forth Worth, Texas, September 29-October 2, **2004**.

Pulay, P. “Density Functional and Configuration-based Methods for Large Systems”, 13th Conference on Current Trends in Computational Chemistry, Jackson, Mississippi, November 12-13, **2004**.

Schäfer, L. “Concepts of Quantum Physics and Quantum Chemistry” University of Maryland, Rockville, July 10, **2004**.

Schäfer, L. “Concepts of Quantum Physics and Quantum Chemistry” Vatican, Rome, Italy, Gregorian University, Oct. 21, **2004**.

Schäfer, L. “Concepts of Quantum Physics and Quantum Chemistry” Rome, Protomoteca Hall, Conference on ‘Life and its Origins’, November **2004**.

Schäfer, L. “Quantum Reality and a New View of Evolution” Annual Conference of the World Association of Vedic Studies, University of Maryland, Rockville, July 10, **2004**.

Schäfer, L. “Quantum Reality and a New View of Evolution” International Colloquium on Teilhard de Chardin, Vatican, Gregorian University, October 21, **2004**.

Schäfer, L. “Quantum Reality and a New View of Evolution” Second International Congress on Life and its Origin, organized by the Bhaktivedanta Institute, Kolkata, India; Rome, Protomoteca Hall, November 13, **2004**, first lecture at 11:30 a.m., second lecture 4:00 p.m.

Vicic, D. “Linear M-H-M Bonding in a Simple Dinuclear Metal Complex”, American Crystallographic Association Meeting, Chicago, July 18, **2004**.

Vicic, D. “Cross-Coupling Catalysis with Paramagnetic Nickel Complexes” 2004 Organic Reactions and Processes Gordon Research Conference, Roger Williams University, (poster presenter and invited poster competition speaker), July 13-23, **2004**.

Wilkins, C. “High Performance Mass Spectrometry Applied to Rapid Analysis of Bacteria”, University of Oregon, Organic/Inorganic Division Seminar, Eugene, OR, November 12, **2004**.

Yu, C. “Three-dimensional study of FGF receptor of D2-Domain” in Biomolecular NMR Conference, Wuhan, China, June, **2004**.

Yu, C. “Protein-Protein Interaction and Drug Design: A Case Study of Human Fibroblast Growth Factor”, Oklahoma State University, November, **2004**.

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Bateman, T.D.; Lakshmi, R.; McIntosh, M.C. “A Convenient 3-Step Synthesis of (R)-7-Hydroxycarvone from (S)- α -Pinene”, CU-Roche Symposium on Synthetic Organic Chemistry, Boulder, CO, June 2-4, **2004**.

Brand, S.; Geren, L.; Patel, C.; Pielak, G.; Durham, B.; Millett, F.S., “Kinetic Studies of the Second Low Affinity Binding Site on Cytochrome C. Oxidase”, 1596-P, Biophysical Society 49th Annual Meeting, Long Beach, CA, February 12-16, **2005**.

Brand, S.; Geren, L.; Patel, C.; Pielak, G.; Durham, B.; Millett, F. “Kinetic Studies of the Second Low Affinity Binding Site on Cytochrome c Oxidase”, Biophysical J, 86, 470a, **2004**.

Clark, E.; Fritsch, I. “Redox Magnetohydrodynamic Enhancement of Stripping Analysis for Heavy Metals”, The Electrochemical Society Meeting, Quebec City, Canada, May 15-20, **2005**.

Davis, D.J. “A Cation-Pi Interaction in Mitochondrial Cytochrome c”, Midsouth Computational Biology and Bioinformatics Society Meeting, Little Rock, AR, October **2004**.

Davis, D.J. “Cation-Pi Interactions in Cytochrome f: Comparison of Luminal Domains and Complex-Bound Forms”, Midwest Photosynthesis Meeting, Turkey Run State Park, IN, October **2004**.

Davis, D.J., “Duplicated Cation-Pi Triads in the Light Harvesting Chlorophyll a/b Protein”, Midwest Photosynthesis Meeting, Turkey Run State Park, IN, October **2004**.

Daily, A.E., Tsamis, E., Greathouse, D.V., Koeppe, R.E., II “Influence of Lys of Arg on the intrinsic tilt of membrane-spanning WALP peptides”, Biophys J. 88, 576a, Long Beach, CA, **2005**.

Deitz, D.J.; Allison, N.T. “Study of the cyclization mechanism of non-aromatic annulated trienyl iron complexes in the formation of o-quinone methide analogs”, 228th ACS National Meeting, Philadelphia, PA, August 22-26, **2004**.

Dossey, R.; Durham, B.; Millett, F.S. “Electrostatically-Bound Photoinitiators for the Study of Electron Transfer in Metalloproteins”, 1594-P, Biophysical Society 49th Annual Meeting, Long Beach, CA, February 12-16, **2005**.

Dossey, R.W.; Durham, B.; Millett, F. “Comparison of Ruthenium-Based Photoinitiators for the Study of Electron Transfer in Metalloproteins”, 60th Southwest Regional Meeting of the American Chemical Society, Fort Worth, TX, September 29-October 4, **2004**.

Fakunle, E.; Fritsch, I. “Development of Microchannel Devices from Low Temperature Co-fired Ceramic and Screen Printed Gold for Electrochemical Immunoassays”, LabAutomation 2005, San Jose, CA, January 30-Feb 3, **2005**.

Fakunle, E.; Fritsch, I. “Development of Electrochemical Bioassays in Microchannels Constructed from Low Temperature Co-fired Ceramic and Screen Printed Gold”, American Society for Biochemistry and Molecular Biology(ASBMB) Annual Conference, San Diego, CA, April 2- April 6, **2005**.

Fakunle, E.; Fritsch, I. “Microchannel Immunoassays with Electrochemical Detection in Devices Constructed from Low Temperature Co-fired Ceramic and Screen Printed Gold”, NSTI Nanotechnology Conference and Trade Show, Anaheim, CA, May 8- May 12, **2005**.

Gawley, R.E. Contributed poster at Gordon Research Conference on Stereochemistry and two posters (with graduate students **Rosalyn Klein** and **Marcelina Santiago**) at the International Conference on Carbanion Chemistry, Alicante, Spain, **2004**.

Miller, A.E.; Greathouse, D.V. “Effects of lysine and tryptophan anchoring preferences on secondary structure of membrane spanning peptides” *Biophys. J.*, **86**, A1948, 378, poster presented at Biophysical Society Meeting, Baltimore, MD, **2004**.

Gu, H.; Thomas, G.; Subotic, A.; Liyanage, R.; Lay, J.; Koeppe, R.; Greathouse, D. “*In situ* deuteration of Trp indole rings in peptides” *Biophys J.* **88**, 141a, Long Beach, CA, **2005**.

Joshi, A.; Bateman, T.D.; Hicklin, D.; McIntosh, M.C. “High Throughput Synthesis of Novel Drug Candidates for the Treatment of Cancer”, CU-Roche Symposium on Synthetic Organic Chemistry, Boulder, CO, June 2-4, **2004**.

Koeppe 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.* **86**, 73a, Baltimore, MD, **2004**.

Bruno, M.J.; **Koeppe, R.E., II**; Andersen, O.S. “Modification of gramicidin channel function by poly-unsaturated fatty acids”, *Biophys J.* **86**, 382a, Baltimore, MD, **2004**.

Tape, S.E.; Suchyna, T.M.; **Koeppe, R.E., II**; Andersen, O.S.; Sachs, F.; Gottlieb, P. “Nonchiral effects of a peptide inhibitor of mechanosensitive channels: Evidence for a bilayer-dependent mechanism” Society of General Physiologists Annual Meeting, Woods Hole, MA, **2004**.

Bruno, M.J.; **Koeppe, R.E., II**; Andersen, O.S. “Modification of gramicidin channel function by polyunsaturated fatty acids” Society of General Physiologists Annual Meeting, Woods Hole, MA, **2004**.

Sun, H.; Tape, S.E.; Andersen, O.S.; **Koeppe, R.E., II** “Designing a membrane-spanning force transducer”, Society of General Physiologists Annual Meeting, Woods Hole, MA, **2004**.

Koeppe, R.E., II “Structural Interactions and Functional Coupling between Lipids and Proteins”, University of Leeds, UK, **2005**.

Koeppe, R.E., II “Peptide/lipid functional coupling”, University of Umeå, Sweden, **2005**.

Brown, T.; **Koeppe, R.E., II**; Andersen, O.S. "Gadolinium modulation of gramicidin A channel function", *Biophys J.* 88, 416a, Long Beach, CA, **2005**.

Gottlieb, P.; Suchyna, T.; Andersen, O.; Tape, S.; **Koeppe, R.**; Sachs, F. "Modulation of mechanosensitive ion channels by the peptide GsMTx4: Evidence for a lipid bilayer dependent mechanism" *Biophys J.* 88, 551a, Long Beach, CA, **2005**.

Bruno, M.J.; **Koeppe, R.E., II**; Andersen, O.S. "Modification of gramicidin channel function by polyunsaturated fatty acids depends on double-bond structure", *Biophys J.* 88, 575a, Long Beach, CA, **2005**.

Lincoln, D. et al. "Endo and Exo-activities in xyloglucanase Cel74", American Crystallographic Association, Chicago, **2004**.

McFarland, C.M.; Hutchison, J.M.; Lindsay, H.A.; McIntosh, M.C. "Cu-mediated Alkoxyannaane Addition to an Allylic Lactone: Application to the Isobenzofuran Core of the Eunicellin Diterpenes", ACS National Meeting, Anaheim, CA, March 28 – April 1, **2004**.

McIntosh, M.C. "Brief Introduction of Organic Chemistry II Students to the Research Environment", 10th Cottrell Scholars Conference, Tucson, AZ, July 9-10, **2004**.

McIntosh, M.C. "Claisen and Aldol Approaches to the Eunicellin Diterpenes", Gordon Research Conference on Organic Reactions and Processes, Bristol, RI, July 18-23, **2004**.

McIntosh, M.C. "Approach to the Synthesis of the Eunicellin Diterpenes", Southwest ACS Meeting, Dallas, TX, September 30, **2004**.

Millett, F.; Zaslavsky, D.; **Rajagukguk, R.**; Patel, C.; Zhen, Y.; Pielak, G.; **Sadoski, R.**; **Rajagukguk, S.**; **Geren, L.**; Ferguson-Miller, S.; Gennis, R.B.; **Durham, B.** "Ruthenium Initiated Electron Transfer and Proton Release in Cytochrome Oxidase", Bioenergetics Gordon Conference, New Hampshire, June **2004**.

Rajagukguk, R.; Patel, C.; Zhen, Y.; **Scharlau, M.**; Pielak, G.; Ferguson-Miller, S.; **Durham, B.**; **Millett, F.S.** "Double Mutant Analyses of Cytochrome c/Cytochrome c Oxidase Interaction", 1597-P, Biophysical Society 49th Annual Meeting, Long Beach, CA, February 12-16, **2005**.

Rajagukguk, R.; Patel, C.; Zhen, Y.; Pielak, G.; Ferguson-Miller, S.; **Durham, B.**; **Millett, F.**, "Double Mutant Studies of Cytochrome c/Cytochrome c Oxidase Interaction", *Biophysical J.* 86, 470a, **2004**.

Rajagukguk, S.; Bryant, J.; Merbitz-Zahradnik, T.; **Rajagukguk, R.**; Pielak, G.; Trumpower, B.; **Durham, B.**; **Millett, F.** "The kinetic parameters in the interaction of yeast Cytochrome c with yeast Cytochrome bc₁", *Biophysical J.* 86, 470a, **2004**.

Rajagukguk, S.; Bryant, J.; Merbitz-Zahradnik, T.; **Rajagukguk, R.;** Pielak, G.; Trumpower, B.; **Durham, B.;** **Millett, F.S.** “Effects of Yeast Cytochrome C Mutations on their Kinetic Parameters in the Interaction with Yeast Cytochrome bc₁”, 1589-P, Biophysical Society 49th Annual Meeting, Long Beach, CA, February 12-16, **2005**.

Sides, C.R. et al. “Structural flexibility in AGX”, American Crystallographic Association, Chicago, **2004**.

Tian, Z.R. “Real-Time Zeptomolar Nanobiosensing of Proteins”, MASINT, LANL, 12/01/**2004**.

Vicic, D. “Cross-Coupling Catalysis with Paramagnetic Nickel Complexes”, Organometallics Gordon Research Conference (poster presenter) **2004**.

Vicic D. “Cross-Coupling Catalysis with Paramagnetic Nickel Complexes”, Oral presentation at the 2004 ACS National Meeting in Philadelphia, August 25, **2004**.

Vicic D. “Catalytic Cross-Coupling of C(sp³) Centers with Paramagnetic Nickel Complexes” Arkansas Biosciences Institute Conference, Little Rock. August 28, **2004**.

Whitley, M.J.; **Koeppe, R.E., II** “Dynamics of lipid-embedded alpha-helices using solid state deuterium NMR and spectral simulation” Biophys J. 86, 73a, Baltimore, MD, **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”, Biophysical J, 86, 472a, **2004**.

Yuan, Q.; **Rajagukguk, R.;** **Davis, M.;** **Geren, L.;** **Millett, F.S.;** **Durham, B.** “Electron Transfer Studies of Ruthenium labeled E44Q, E48Q, E56Q and D60N Cytochrome b5 Mutants with Cytochrome c”, 1593-P, Biophysical Society 49th Annual Meeting, Long Beach, CA, February 12-16, **2005**.

COMMUNICATIONS

BOOKS PUBLISHED:

Scheide, Frank M. and Hooman Mehran, co-editors (2004). Chaplin: The Dictator and the Tramp, (London: the British Film Institute).

REFEREED PUBLICATIONS (JOURNAL ARTICLES AND REFEREED BOOK CHAPTERS):

Allen, Myria W., Reid, M., & Riemenschneider, C. (2004). The role of laughter when discussing workplace barriers: Women in information technology jobs. *Sex Roles*, 50, 177-189.

Hayhoe, C. R., Leach, L., **Allen, Myria W.**, & Edwards, R. (2005). Distinguishing the number of credit cards held by college students employing credit and money attitudes and imagined interactions. *Financial Counseling & Planning*, 16, 1-10.

Smith, Stephen A. "The Rhetoric of Barbeque: A Southern Rite and Ritual," in *Cornbread Nation 2: The United States of Barbecue*, edited by Lolis Eric Elie. Chapel Hill: University of North Carolina Press, 2004, pp. 61-68.

Liou, C. H., & **Webb, Lynne M.** (2004). Influence of audience members' cultural backgrounds on perceived typicality of filmed portrayals: A preliminary study using *American Beauty*. *Journal of Intercultural Communication Research*, 33, 201-213.

Thompson-Hayes, M., & **Webb, Lynne M.** (2004). Commitment under Construction: A Dyadic and Communicative Model of Marital Commitment. *Journal of Family Communication*, 4, 249-260.

Webb, Lynne M., Walker, K. L., & Bollis, T. S. (2004). Applying principles of feminist pedagogy to the graduate student- professor research team, *International Journal of Social Research and Methodology*, 7, 415-428.

Wicks, Robert H. (2005). Message framing and constructing meaning: An emerging paradigm in mass communication research. In P. Kalbfleish (Ed.), *Communication Yearbook 29* (pp. 333-360). Mahwah, NJ: Erlbaum.

NONREFEREED REPORTS AND PUBLICATIONS OR NONJURIED CREATIVE ENDEAVORS:

Riemenschneider, C., Armstrong, D., **Allen, Myria W.**, & Reid, M. (2004). What I'm not willing to share: A discussion of turnover and barriers to promotion with women IT workers. *Proceeding of the Tenth Americas Conference on Information Systems*, New York, NY, August 2004 (pp. 1238-1244).

Scheide, Frank M. (2004). "Sir Charles Spencer Chaplin." In *The New Dictionary of National Biography*, Oxford: Oxford University Press.

Scheide, Frank M. (2004). "The Great Dictator and Chaplin's Tramp as an Awakened 'Rip Van Winkle'," *Chaplin: The Dictator and the Tramp*, ed. Scheide and Mehran, (London: the British Film Institute), pp. 16-32.

Smith, Lindsley (2004). "Restoration", Essay in *Nesting-It's a Chick Thing* (Entertaining Books) [New York Times Best Selling Book List].

Stephen A. Smith, "Strach, Obcianske Slobody, A Buducnost Najvyssieho Sudu (Fear, Fundamental Freedoms, and the Future of the Supreme Court)," *Listy SFPA*, 8.6 (2004): 16-19.

COMPETITIVELY SELECTED PAPERS PRESENTED AT PROFESSIONAL MEETINGS:

Allen, Myria W., & Amason, Patricia (2004, November). A path analysis of the relationship between employee empowerment, organizational commitment, perceived organizational support, social support, and exhaustion in a health care setting. National Communication Association, Chicago.

Armstrong, D. J., Riemenschneider, C. K., Reid, M. F., & **Allen, Myria W.** (2004, September). Voluntary turnover and women in IT: A cognitive study of work-family balance. Fourth Annual SIG-IS Core Cognitive Research Workshop, Washington, DC.

Coopman, S., **Allen, Myria W.**, & Hart, J. L. (2004, September). Resistance is futile: Assimilating into the surveillance workplace. Association of Internet Researchers, Sussex, England.

Edwards, R., **Allen, Myria W.**, Hayhoe, C., & Leach, L. (2005, May). Financial attitudes and family communication about students' finances: The role of sex differences. International Communication Association, New York, NY.

Reimenschneider, C. K., Armstrong, D., Ried, M., & **Allen, Myria W.** (2004, August). What I'm not willing to share: A discussion of turnover and barriers to promotion with women IT workers. AMCIS2004 Conference, New York, NY.

Amason, Patricia. (2005, May). Dialogue in health care settings. Southern States Communication Association, Baton Rouge.

Amason, Patricia. (2005, May). Interviewing for a professorial position. Southern States Communication Association, Baton Rouge.

Amason, Patricia, & Allen, Myria W. (2004, November). Communication in a changing organization: A path analysis of social support, perceived organizational support, trust and commitment. National Communication Association, Chicago.

Romanin, Samantha, & **Amason, Patricia.** (2005, May). Physicians' attitudes concerning communication in health care delivery and communication training. Southern States Communication Association, Baton Rouge.

Frentz, Thomas S. (2004, November). Ashes of love. National Communication Association, Chicago.

Smith, Lindsley Armstrong, & Smith, Stephen A. (2005, April). Thought crimes in State v. Wood: The raid on the progressive bookstore and book-burning in Oklahoma. Southern States Communication Association, Baton Rouge.

Carr, A. E., Schade, L., Meredith, R. V., & **Webb, Lynne M.** (2004, November). Spouses' appeasement strategies following a transgression: A preliminary study. National Communication Association, Chicago.

Elcan, E. E., & **Webb, Lynne M.** (2005, April). Role models for marital Communication: A preliminary study. Southern States Communication Association, Baton Rouge.

Gibson, D. M., **Webb, Lynne M., & Allen, Myria W.** (2004, November). Family communication environment and willingness to medicate an ADHD-diagnosed child: A preliminary examination of the social construction of an ambiguous illness. Paper presented at the annual meeting of the National Communication Association, Chicago.

Goen, T. L., & **Webb, Lynne M.** (2005, April). Assessing 'normal' family communication: A justification and methodological proposal. Southern States Communication Association, Baton Rouge. (**Top paper in Interpersonal Communication**)

Thompson-Hayes, M., & **Webb, Lynne M.** (2004, November). Commitment under construction: A dyadic and communicative model of marital commitment. National Communication Association, Chicago.

Walker, A. M., **Webb, Lynne M.,** Amason, P., & Brady, R. H. (2004, November). The rhetorical strategies that students employ to explain their communication major. National Communication Association, Chicago.

Warford, E. M., **Webb, Lynne M., & Amason, Patricia.** (2005, May). Thoughts of, feelings about, and communicative responses to jealousy in romantic relationships: The influence of biological sex and relational proximity. International Communication Association, New York, NY.

Wicks, Jan L., & **Wicks, Robert H.** (2005, May). Framing fraud: An analysis of how deceptive infomercial advertisers sell 'breakthrough' weight loss products. International Communication Association, New York, NY.

Wicks, Robert H. (2005, May). Does presentation style of televised presidential debates influence voters perceptions of candidates? International Communication Association, New York, NY.

Wicks, Robert H. (2004, August). Message framing and cognitive response to Islam and terrorism: A comparison between Christians, Jews and Muslims. Association for Education in Journalism and Mass Communication, Toronto, Canada.

INVITED PRESENTATIONS:

Allen, M. W. (2004, August). Family communication regarding credit cards and other financial issues. Women's Giving Circle: Campaign for the Twenty-First Century. University of Arkansas, Fayetteville.

Scheide, Frank M. (2005, April). Harry 'Little Tich' Relph: English music hall phenomenon and international superstar. "Channel Crossings," 8th British Silent Cinema Weekend, co-sponsored by the British Film Institute, Nottingham, UK.

Scheide, Frank M. (2004, July). Outtakes from *City Lights*, Festival IL Cinema Ritrovato: XXXIII Cineteca Del Comune Di Bologna, Bologna, Italy.

Scheide, Frank M. (2004, September). Produced and appeared in a recreation of television comedian Ernie Kovacs's classic "Nairobi Trio" routine. This was probably the first time that this sketch was performed live since the death of Kovacs, in 1962. 12th Annual Buster Keaton Celebration, Iola, Kansas.

Scheide, Frank M. (2004, September). Public interview of film and television star Edie Adams at the 12th Annual Buster Keaton Celebration, Iola, Kansas.

Scheide, Frank M. (2004, September). "Silent movies, Lost and found", Ozark Foothills Film Fest, Heber Springs, Arkansas.

Smith, Stephen A. (2004, October). Politics and persuasion in the Arkansas General Assembly," Invited Lecture, University of Arkansas at Little Rock.

Webb, L. M. (2005, April). How to negotiate your first academic job contract. Southern States Communication Association, Baton Rouge.

Webb, L. M. (2005, April). Presenting your research record in tenure and promotion applications. Southern States Communication Association, Baton Rouge.

Wicks, Robert H. (2004, September). Invited panelist on OMNI Center for Peace, Justice and Ecology. Panel titled, *Presidential Power versus Balance of Power*, Fayetteville, AR.

DRAMA

BOOKS: 0

CHAPTERS: 2

Brusstar, Terry – "*La Cuecca*", *Manual de Danzas Natives: Coreografias, Historia y Texto Poetico de las Danzas*, P. Berruti, ed. Buenos Aires: Editorial Escolar. 2005.

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*, New York: Palgrave Macmillan Press, 2004.

REFEREED ARTICLES and PRESENTATIONS: 4

Brusstar, Terry, “*Revealing the Radiance of One’s Own Discovery: International Exchanges*”, National Dance Association Conference, Little Rock, March, 2005.

Dwyer, Mavourneen, “*Releasing Vocal Energy to Levels of Passion and Intensity to Match Shakespeare’s Heightened Text*”, Southeastern Theatre Conference, Chattanooga, Tennessee, March, 2005.

Gross, Roger, “*The Playwright and the Corporation*”, Mid-America Theatre Festival, Chicago, March, 2005.

Tyndall, C. Patrick, *The Granddaddy of Modern Stereotype: George C. Wolfe and The Colored Museum*, Association for Theatre in Higher Education, July, 2004.

OTHER ARTICLES/NON - REFEREED PUBLICATIONS: 2

Gross, Roger, “*Melodies, Antitheses, and Quirks*”, *Voice and Speech Review*, Spring, 2005.

Tyndall, C. Patrick – “*This Old Cycle Continues: Familial Black Rage in August Wilson’s Fences, Blackstream*, Volume II, (2004), pp. 45-46.

RESEARCH PAPERS: 0

INVITED LECTURES/WORKSHOPS: 14

Brusstar, Terry – “Choreography for the Non-Dancer”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Dwyer, Mavourneen – “An Actor Responds to the Text”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Gibbs, D. Andrew – “Oral History of the Kennedy Center American College Theatre Festival, First Edition”, National Partners to the American Theatre, Washington, DC, April, 2005.

Gibbs, D. Andrew – Festival Host, Kennedy Center American College Theatre Festival, Region VI, February, 2005.

Gross, Roger – Presented the awards for the David Mark Cohen Playwriting Competition, Association for Theatre in Higher Education, Toronto, Canada, August, 2004.

Gross, Roger – Director, William Inge 24-Hour Play Festival, Independence, Kansas, September, 2004.

Gross, Roger – “Speaking Shakespeare’s Verse”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Herzberg, Amy – “*Unfinished Symphonies*”, Staged Workshop performance Pennsylvania, directed by Alice Jankell. Performed in New York, Dramatists Guild, directed by Shana Gold, April, 2005

Herzberg, Amy – “Active Choices for Auditions”, University of Tulsa, Tulsa, Oklahoma, February, 2005.

Herzberg, Amy – “Acting Your Way Through Musical Theatre”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Landman, Michael – “An Introduction to Viewpoints”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Leftwich, Gail – “Waltz For Actors”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Martin, Patricia – “Successfully Drawing the Human Figure”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

Riha, Michael—“Graduate Study Roundtable: Making Good Choices”, Kennedy Center American College Theatre Region VI Festival, Fayetteville, February, 2005.

OTHER LECTURES/PAPERS/PRESENTATIONS: 8

Gross, Roger – Actor, **The Humorist, or How Not to Die Laughing**, Independent Film, Fayetteville, Spring, 2005.

Gross, Roger – Director and screenwriter, **How Like An Angel**, Independent Film, Fayetteville, July, 2004.

Gross, Roger – Director, **Hogmania**, Independent Film, Fayetteville, July, 2005.

Gross, Roger – Director, **Lazarus’s Foolproof Scam**, Independent Film, July, 2005.

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

OTHER CREATIVE ENDEAVORS: 35

Brusstar, Terry. Producer, Fayetteville Dance Coalition Recital, October, 2004.

Dwyer, Mavourneen. Recipient, Robert C. and Sandra Connor Faculty Fellowship Fulbright College, UA, 2004-2005.

Dwyer, Mavourneen. Associate Editor, **International Dialects of English Archives**, University of Kansas.

Gibbs, D. Andrew. Host. Kennedy Center American College Theatre Festival – Region VI. Fayetteville. February 23-29, 2004.

Gibbs, D. Andrew. Program Review for State of Oklahoma Board of Regents. M.F.A. Program for University of Central Oklahoma.

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

Gibbs, D. Andrew. Walton Arts Center Council Interior renovation design committee.

Gibbs, D. Andrew. Board member, National Partners of American Theatre, in association with Kennedy Center American College Theatre Festival, 2003 - 2006.

Gibbs, D. Andrew. Feasibility Study and Renovation Plan. Department of Theatre, University of Central Oklahoma.

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. Associate Editor, The Journal of Dramatic Theory and Criticism.

Gross, Roger. Board of Directors, International Conference of Women Playwrights.

Gross, Roger. Member of Awards Committee for Association for Theatre in Higher Education.

Gross, Roger. Chairman, David Mark Cohen Playwriting Award Program for A.T.H.E.

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

Gross, Roger. Director, George R. Kernodle New Playwriting Competition, underwritten by The University of Arkansas, Fayetteville.

Gross, Roger. Performer, First Night Celebration, Fayetteville, December 31, 2004.

Gross, Roger. Referee, Voice and Speech Review, Journal of the Voice and Speech Trainers Association.

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

Herzberg, Amy. Director, “That’s Amore”, Circle of Life Hospice Fundraiser.

Herzberg, Amy. Motivational Speaker, “Everything I Ever Really Needed to Know, I Learner Acting 100”, the Nestle Corporation.

Herzberg, Amy. Actress, “Five on Five”, Arkansas Playwright’s Workshop, Little Rock.

Herzberg, Amy. Actress, “Peter and the Wolf”, North Arkansas Symphony.

Herzberg, Amy. Assistant Director: “Figaro”, North Arkansas Symphony.

Herzberg, Amy. Workshop leader, “Comedy Improvisation for Business Leaders”, Walton College.

Herzberg, Amy. Actress, New Playwright’s Performance Series, Fayetteville Public Library.

Landman, Michael – Judge, Edward Albee Playwriting Competition, UA, Spring, 2005.

Landman, Michael – Judge, George R. Kernodle New Playwriting Competition, 2005.

Martin, Patricia - Portfolio Presentations for Holly K. Payne, Ruby Billig, and Andrea Williams, Kennedy Center American College Theatre Festival, Region VI, Fayetteville, February, 2005.

Martin, Patricia. Costume Design Consultant, Arts Live! Fayetteville.

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.

PLAY PRODUCTION AT UA/FAYETTEVILLE: Faculty Assignments: 22

Dwyer, Mavourneen Director, *Boy Gets Girl*, University Theatre, September, 2003

Dwyer, Mavourneen Voice Coach, *Parade*, UT, October,

Dwyer, Mavourneen Voice Coach, *Lend Me a Tenor*, UT, February, 2004.

Gibbs, D. Andrew Lighting design, *I Love You, You're Perfect, Now Change*, Boars Head Players, July, 2004.

Gibbs, D. Andrew, *Lend Me A Tenor*, February, 2005.

Gross, Roger Director, *Ho, Ho Ho, Studio* 404, March, 2005.

Gross, Roger Director, *A Thousand Clowns*, Boar's Head Players, July, 2004.

Herzberg, Amy Director, *I Love You, You're Perfect, Now Change*, Boar's Head Players, July, 2004.

Herzberg, Amy Director, *Parade*, UT, September, 2004.

Landman, Michael Director, *Lend Me A Tenor*, April, 2005.

Lee, Jeanne Musical director, *I Love You, You're Perfect, Now Change, Parade, Lend Me A Tenor, Romeo and Juliet*.

Leftwich, Gail Choreographer, *Parade*, UT, October, 2004.

Martin, Patricia Costume Design, *I Love You, You're Perfect Now Change*, Boar's Head Players, July, 2004.

Martin, Patricia, Costume Design, *Parade*, UT, October, 2004.

Martin, Patricia, Costume Design, *Lend Me a Tenor*, UT, February, 2005.

Riha, Michael Technical Director, *I Love You, You're Perfect, Now Change*, Boar's Head Players, July, 2004.

Riha, Michael Lighting Design, *Parade*, UT, October, 2004.

Riha, Michael Technical Director, *Boy Gets Girl*, October, 2004.

ENGLISH

BOOKS:

BOOKER, M. KEITH. *Science Fiction Television*. Westport, CT: Praeger, 2004.

COCHRAN, ROBERT. *Come Walk With Me: The Art of Dorris Curtis*. University of Arkansas Press, 2004.

COCHRAN, ROBERT. *Our Own Sweet Sounds: A Celebration of Popular Music in Arkansas*. Fayetteville: University of Arkansas Press, 2005.

COCHRAN, ROBERT. Anthology of Arkansas Folksongs. Center for Arkansas and Regional Studies, University of Arkansas, 2004

DUVAL, JOHN. *From Adam to Adam: Old French Plays* with Raymond Eichmann, Pegasus Paperbooks).

GILCHRIST, ELLEN. *The Writing Life*. University Press of Mississippi, 2005.

HEFFERNAN, MICHAEL. *The Night Breeze Off the Ocean*. Eastern Washington University Press. 2005.

SHERMAN, SANDRA. *Fresh from the Past: Recipes and Revelations from Moll Flander's Kitchen*. Lanham: Taylor Trade Publishing, 2004.

CHAPTERS:

ADAMS, RICHARD C. Scribners. American Literature in Context, 1870-1910.

BOOKER, M. KEITH. "English Dystopian Satire in Context." *A Companion to the British and Irish Novel, 1945-2000*.

BRINKMEYER, ROBERT. "The Southern Literary Renaissance," in A Companion to the Literature and Culture of the American South, edited by Richard Gray and Owen Robinson. Oxford: Blackwell Publishers, 2004, 148-165

BRINKMEYER, ROBERT "Forward into the Past: California and the Contemporary White Southern Imagination," co-authored with Debra Rae Cohen. In Look Away: The U.S. South in New World Studies, edited by Debra Cohn and Jon Smith. Durham: Duke University Press, 2004, 251-267.

BRINKMEYER, ROBERT "William Faulkner," in Encyclopedia of the Great Depression," edited by Robert S. McElvaine. Thomson-Gale, 2004, 331-332.

CANDIDO, JOSEPH. "'Time Come Round': Plot Construction in 'Julius Caesar': *Critical Essays*, ed. Horst Zander. London: Routledge, 2004, pp. 127-138.

GILES, MOLLY. "The Writers' Model," anthologized in Extreme Fiction, ed. by Hemley and Martone. Peason, Longman, Spring 2004.

KAHF, MOHJA. "Poetry is My Home Address," in Susan M. Darraj, ed., Scheherazad's Legacy: Arab American Women on Writing, Praeger/Greenwood.

KAHF, MOHJA. "Around the Kaba and Over the Crick" in Brenda Peterson & Linda Hogan, ed., Face to Face: Women Writers on Faith, Mysticism, and Awakening, Farrar, Strauss, and Giroux.

KAHF, MOHJA. "Little Mosque" and "Muslim Women Rule," Shattering the Stereotypes: Muslim Women Speak Out. ed. Afzal-Khan, Fawzia, Interlink Publishing Group (March 2005).

QUINN, WILLIAM A. "Medieval Dream Visions" in David F. Johnson and Elaine M. Treharne, eds., Readings in Medieval Texts: Interpreting Old and Middle English Literature. Oxford: Oxford University Press, 2004/5, 323-36

REFEREED SCHOLARLY AND CREATIVE PUBLICATIONS:

BURRIS, SIDNEY. "Life Sentences." The Georgia Review 58.4 Winter, 2004: 775-786.

CANDIDO, JOSEPH. Review of Thomas Moisan and Douglas Bruster, eds. In The Company of Shakespeare: Essays on English Renaissance Literature in Honor of G. Blakemore Evans. Early Theatre, 7,1 (2004), 119-123.

COCHRAN, ROBERT. "Black Father: The Subversive Achievement of Joel Chandler Harris," African American Review, 38 (2004): 21-34.

COCHRAN, ROBERT. "Performing Off-Stage: Oral Tradition Under the Radar," Oral Tradition, 18 (2004): 253-254 (the editor imposed a 500-word limit on the 80 scholars invited to "take the pulse" of the field)

COCHRAN, ROBERT. Untitled, review of Robert Johnson: Lost and Found, by Barry Lee Pearson and Bill McCulloh. Arkansas Review: A Journal of Delta Studies, 35 (2004): 65-66. [review]

COCHRAN, ROBERT. "Oblique Performance: Snapshots of Oral Tradition in Action," Oral Tradition, 19/2 (2004 [pub. 2005]): 177-186.

COCHRAN, ROBERT. "Introduction," Looking Back to See, Fayetteville, University of Arkansas Press, 2005.

COCHRAN, ROBERT. Untitled, review of Singing in My Soul, by Jerma Jackson. Arkansas Historical Quarterly, vol. 64 (Spring, 2005): pp. 82-85.

DUVAL, JOHN. "Interview with Thom Satterlee." Translation Review 67, pp. 36-40.

DUVAL, JOHN. Fabliaux Fair and Foul (Pegasus Paperbooks, reprint with added material).

GILES, MOLLY M. "Rocks," Other Voices, 16, (Spring/Summer 2004).

GILES, MOLLY M. "Interview with Molly Giles," Other Voices, 16, (Spring/Summer 2004.)

GILES, MOLLY M. "Ode to Arkansas Eats," The Oxford American. 25 49 (Spring, 2005)

GILES, MOLLY M. "Relatives," River City, 25 (Spring, 2005).

GILES, MOLLY M. "Mose In the Morning," Nimrod International Journal, 48 (Spring/Summer, 2005).

HAYS, DONALD. "Private Dance," The Southern Review, (Autumn 2004), 132-152.

HAYS, DONALD. "Ackerman in Eden," The Southern Review, (Autumn 2004).

HAYS, DONALD. "Material," Stories from the Blue Moon Café III: An Anthology of Southern Writers, edited by Sonny Brewer (MacAdam/Cage, Publishers, July 2004).

HEFFERNAN, MICHAEL. "Eclogue." The Southern Review. 2005.

HEFFERNAN, MICHAEL. "A Ghost in the Piazza." The Southern Review. 2005.

HEFFERNAN, MICHAEL. "Daybreak." Lake Effect. 2005

HEFFERNAN, MICHAEL. "The Twilight of the Dogs." Willow Springs. 2005.

HEFFERNAN, MICHAEL. "Monks at the Pool." Crab Orchard Review. 2005.

HEFFERNAN, MICHAEL. "Soap on a Rope." Del Sol Review. 2005.

HEFFERNAN, MICHAEL "Ajar in Tennessee." The Kenyon Review. 26.3 (Summer 2004): 22-23.

HEFFERNAN, MICHAEL. "The Empress." Typo (online).

HEFFERNAN, MICHAEL. "A New Shirt." Typo (online).

HEFFERNAN, MICHAEL. "The Husband." Typo (online).

HEFFERNAN, MICHAEL. "Café d' Enfer." Margie: The American Journal of Poetry 3 (2004): 153.

HEFFERNAN, MICHAEL. "Nightfall." Hotel Amerika 3.1 (Fall 2004):24.

HEFFERNAN, MICHAEL. "Lazarus." Hotel Amerika 3.1 (Fall 2004):25.

HEFFERNAN, MICHAEL. "Country." Hotel Amerika 3.1 (Fall 2004):26.

HEFFERNAN, MICHAEL. "A Piece of Paper." New Orleans Review 30.1: 174-75.

KAHF, MOHJA. "Pears in the Time of Burnished Gold" in Bascove, ed., Sustenance and Desire, Boston: David R. Godine.

KAHF, MOHJA. "Manar of Hama" and "The Spiced Chicken Queen of Mickaweequah, Iowa," in Khaled Mattawa and Pauline Kaldas, ed., Dinarzad's Children: Arab American Fiction, University of Arkansas Press.

KAHF, MOHJA. Translations of Arabic Poetry in Passport: The Arkansas Review of Literary Translation, (Spring, 2005).

KAHF, MOHJA. Invited paper presented at University of Arizona, Tucson, "Muslim American Literature: An Emerging Field?" September 10, 2004.

MARREN, SUSAN. "Black Life in Postwar Little Rock: The Photography of Ralph Armstrong" Arkansas Historical Quarterly, Autumn 2004: 232-261.

SHERMAN, SANDRA. "Parson Woodforde's Diary as Culinary History," *Parson Woodforde Society Quarterly Journal* 37.3 (2004), 8-13.

SHERMAN, SANDRA. "Dining on Turtle," *Petits Propos Culinaires* 77 (2004), 104-119.

SHERMAN, SANDRA. "Ailmentary Nationalism in England: A Prehistory of Elizabeth David." *Pepast* 20.3 (2004), 4-8.

SHERMAN, SANDRA. "The Exotic World of Pierre Pomet's *Compleat History of Druggs*," *Endeavour* 28.4 (2004), 156-60.

SHERMAN, SANDRA. "The Whole Art and Myster' of Cooking: What Cookbooks Taught Readers in Review of Gill Lehmann, *The British Housewife: Cookery Books, Cooking, and Society in Eighteenth-Century Britain*, in *Gastronomica* 4.2 (2004), 102-103.

SHERMAN, SANDRA. Review of Thomas Sokoll, ed., *Essex Pauper Letters 1731-1837*, in 1650-1850: *Ideas, Inquiries, Aesthetics in the Early Modern Era*. 10(2004), 402-405.

INVITED, REPRINTED, AND NONREFEREED PUBLICATIONS:

CANDIDO, JOSEPH. Phi Beta Kappa Speech (Spring 2004), "The Advice of a Teacher" in *All Things Academic* (September 2004), 1-5.

COCHRAN, ROBERT "Victory's Incognito Arrival," in Beyond Winning: National Scholarship Applications and the Student Experience, Fayetteville, University of Arkansas Press, 2005.

GILCHRIST, ELLEN. Reprint "Rich" in *Contemporary Louisiana Stories*.

GILCHRIST, ELLEN.Reprint “Message In A Bottle” in Patterns Plus, Educational textbook, Houghton Mifflin, Boston.

GILCHRIST, ELLEN.Reprint “In the Land of Dreamy Dreams” in Voices of the American South, first edition, textbook.

GILCHRIST, ELLEN.Reprint “Light Can Be Both Wave and Particle” in More Stories We Tell, anthology, Pantheon Books.

GILCHRIST, ELLEN. Reprint “Rich” Perseus Publisher.

GILES, MOLLY. Editing: Finished editing Amy Tan’s forthcoming novel, *Saving Fish From Drowning*, for Penguin-Putnam. April, 2005.

JIMOH, A YEMISI. “Playing in the Dark: Whiteness and the Literary Imagination of Toni Morrison.” The Literary Dictionary. Eds. Robert Clark, Emory Elliott, and Janet Todd. June 2004. <<http://literarydictionary.com/>>

KAHF, MOHJA. Here’s a mode of publication a poet doesn’t often get a chance to describe: Installment artist Jenny Holzer projected three of my poems onto a great building in Miami, Florida, as part of a series reflecting on freedom that included poems by Wislawa Szymborska, Yehuda Amichai, and five or six other poets. My poems “Ishtar Awakens in Chicago,” “Hijab Scenes #7,” and “The Fires Have Begun” were projected for a number of days in December onto the facade of the Freedom tower, a historic Miami building where hundreds of thousands of Cuban immigrants were “Processed” in the 1960s. Ms. Holzer sent me some of the photographs she took of the poems when they were up.

KAHF, MOHJA. “Chaste Love to Explicit Sex: Three Types of Arabic Love Poetry” published online at the progressive MuslimWakeUp.com site., June 2004.

KAHF, MOHJA. I have been writing a monthly column on sexuality, literature, and Muslim culture at MuslimWakeUp.com from April 2004 til present.

MCCOMBS, DAVIS. “Honeysuckle” and “Water Tank Cosmogony” (poems) published in Washington Square. Winter 2004, Issue 13, New York University.

MCCOMBS, DAVIS. “Black and Yellow Argiope,” “Change of Season,” and “Liqueloge Eclouge” (poems) published in Tears in the Fence. Summer 2004, Issue 38, ISSN 0266 0516, United Kingdom.

MCCOMBS, DAVIS. “Sand Cave Confession,” “Jim Dowling’s Green River Diary,” “One of His Five Thousand Afternoons” (poems) published in Limestone: A Journal of Art and Literature. 2004, University of Kentucky.

MCCOMBS, DAVIS. "Fishing at Night," "Water Tank Cosmogony" (poems) featured University of Arkansas Research Frontiers, Fall 2004.

LECTURES AND READINGS:

COHEN, DEBRA RAE. "Mediating the Space Between: The Place of Technology, Media and Culture in Interwar Study." Roundtable presentation. The Space Between. Montreal, May 2005.

COHEN, DEBRA RAE. "Beyond 'Antic Authenticity': The Politics of Form in the Punk Cover Song" (with Michael Coyle). Cultural Studies Association. Tucson, April 2005.

COHEN, DEBRA RAE. "The Return of the Socialist: Rebecca West's Legitimate Transgression." Northeast Modern Language Association. Boston, April 2005.

CLARK, KAREN LENTZ. "The New Aesthetics: The Road Most Taken," College English Association, 2004. Invited.

COHEN, DEBRA RAE. "I'm Supposed to Do What?" South Central Writing Center Association, 2004. Invited.

COHEN, DEBRA RAE. "St. Joan and the Military Dragon: Women and Militarism." Chair. Modern Language Association, 2004. Invited.

COHEN, DEBRA RAE. "The New Aesthetics: The Road Least Taken." Chair. College English Association, 2004.

COHEN, DEBRA RAE. Organized MLA panel, "St. Joan and the Military Dragon: Women and Militarism."

GILCHRIST, ELLEN. Reading at University of North Carolina at Chapel Hill, October 25, 2004.

GILCHRIST, ELLEN. Speed Museum, Louisville, Kentucky, November 19, 2004.

GILCHRIST, ELLEN. Reading and lecture at Clayton College and State University, Morrow, Georgia, October 25-26 2004.

GILCHRIST, ELLEN. Gave a lecture to opening of the Arkansas Philological Society, John Brown University. Meeting was in Fayetteville, Arkansas at the Clarion Inn, October 27, 2004.

GILCHRIST, ELLEN. The Andrew W. Mellon Fellow in the Humanities at Tulane University in New Orleans, Spring 2005.

GILCHRIST, ELLEN. Radio reading in Denmark of two stories- Aketiebol Danish Author's Association.

GILES, MOLLY. Panelist and Reader, Sonoma County Book Fair, Sonoma California, September 18, 2004.

GILES, MOLLY. Invited Fiction Reader at the Opening Ceremony of the Blair Library, Fayetteville, October 9, 2004.

GILES, MOLLY. Invited Reader, Nimrod International Journal Writing Workshop and Conference, October 22-23, 2004.

GILES, MOLLY. Panelist on Fiction, Nimrod International Journal Writing Workshop and Conference, October 22-23, 2004.

GILES, MOLLY. Speaker and Reader, Tulane University, New Orleans. March, 11, 2005.

GILES, MOLLY. Speaker and Reader, San Francisco Library Laureates 2005. April 22, 2005.

HEFFERNAN, MICHAEL. Associated Writing Programs Conference, Vancouver, B.C., April 2, 2005.

HEFFERNAN, MICHAEL. Arkansas Literary Festival, Little Rock, April 17, 2005.

HEFFERNAN, MICHAEL. Get Lit! Festival, Eastern Washington University, Spokane, Washington, April 21, 2005.

HEFFERNAN, MICHAEL. Newton County Public Library, Jasper, Ark., June 17, 2005.

HEFFERNAN, MICHAEL. Taught Workshop. St. Louis Poetry Center, February 19-20, 2005

HEFFERNAN, MICHAEL. Taught workshop. Get Lit! Festival, Spokane, Washington, April 23, 2005.

KAHF, MOHJA. Radius of Arab American Writers, Presented 2 papers: "Teaching Arab American Literature and "Sexuality on Classical Arabic Literature", June 1 - 2, 2005.

KAHF, MOHJA. Poetry Reading at Rawi, New York City. June 3, 2005.

MACRAE, SUZANNE. "The Evolution of Mambety's Picaresque Protagonists: Misfits, Rascals, Outcasts, and Rebels." at the International Conference of African Literature Association meeting in Boulder, Colorado. April 2005.

MCCOMBS, DAVIS. A Gathering of Poets, Arts Cooperative Team (poetry reading, taught workshop) Hot Springs, Arkansas, October 2004. Audience 50+.

MCCOMBS, DAVIS. Devil's Kitchen Literary Festival (poetry reading, taught workshop, two panel discussions), Southern Illinois University, November 2004. Audience: 100+.

QUINN, WILLIAM A. "The Squire's Imagination" New Chaucer Society, Glasgow, Scotland, July 2004.

QUINN, WILLIAM A. "The Embodiment of Authority in Chaucer's House of Fame" SEMA, Charleston, SC, October 2004.

QUINN, WILLIAM A. "Chaucer as the Father of Free Verse" MLA, Philadelphia, December 2004.

SHERMAN, SANDRA. Culinary History Society of Ann Arbor, "The Shock of the New: Culinary Developments in the Eighteenth Century," November 2004.

SHERMAN, SANDRA. Northeast Society for Eighteenth-Century Studies, "Pineapples, Turtles, and the Domestication of Exotica," November 2004.

SHERMAN, SANDRA. Culinary Historians of Austin, "Eighteenth-Century Cuisine," October, 2004.

SHERMAN, SANDRA. Agricultural History Symposium, Cornell University, "William Ellis, Agriculture, and Self-Promotion in the Eighteenth Century," September, 2004.

FOREIGN LANGUAGES

BOOKS:

Cornell, Rkia. Second Printing of *Early Sufi Women: Dhikr an-niswa al-muta'abbidatas-Sufiyyatt* by Abu 'Abd ar-Rahman as-Sulami. Louisville, Kentucky: Fons Vitae, 1999.

Hanlin, Todd (ed.). Charles Sealsfield's *Austria as it is*, with an introduction and glossary. Riverside, CA: Ariadne Press, 2004.

Rozier, Louise. *Il mito e l'allegoria nella narrativa di Paola Masino*. Lewiston, New York: Edwin Mellen Press, Studies in Italian Literature, Vol. 16, 2004.

Restrepo, Luis Fernando (ed.). *Antología crítica de Juan de Castellanos*. Bogotá: Centro Editorial Pontificia Universidad Javeriana, 2004.

Ruiz, M. Reina. *Monstruos, mujer y teatro en el Barroco: Feliciano Enríquez de Guzmán, primera dramaturga española*. New York: Peter Lang Publishing, 2005.

Turner, Joan (co-author). Workbook to accompany *Somos Vecinos*. Pearson Education, Inc., 2004.

Turner, Joan (co-author). *Instructor's Resource Manual for Somos Vecinos*. Pearson Education, Inc., 2004.

CHAPTERS:

Bell, Steven M. "José Revueltas," *Encyclopedia of Literature and Politics*. K. Booker, ed. Greenwood Press, 2005.

Bell, Steven M. "Ernesto Cardenal," *Encyclopedia of Literature and Politics*. K. Booker, ed. Greenwood Press, 2005.

Bell, Steven M. "José Carlos Mariátegui," *Encyclopedia of Literature and Politics*. K. Booker, ed. Greenwood Press, 2005.

Jones, Linda (co-author). "Multimedia Learning of a Second Language." *The Cambridge Handbook of Multimedia Learning*. R. Mayer, ed. New York: Cambridge UP, 2005.

Levine, Daniel. "EPATON BAMA: ('Her Lovely Footstep'): The Erotics of Feet in Ancient Greece" in *Gesture and Non-verbal Communication*.

Restrepo, Luis Fernando. "Los límites de la razón occidental: La 'naturaleza' muisca y los proyectos intelectuales de los jesuitas en el Nuevo Reino de Granada, siglo XVII," in *El saber de los jesuitas, historias naturales y el Nuevo Mundo*. Frankfurt: Iberoamericana / Vervuert, 2005.

Tucker, Janet. "The Religious Symbolism of Clothing in Dostoevsky's *Crime and Punishment*," in *Bloom's Modern Critical Interpretations: Fyodor Dostoevsky's Crime and Punishment*. Harold Bloom, ed. Philadelphia: Chelsea House Publishers, 2004.

REFEREED ARTICLES:

Arenberg, Nancy. "Errant Souls: The Quest for the Self in Emma Belhaj Yahia's *Tasharej*." *BLAI* (forthcoming).

Bernard, Lori. "Writing for the Eyes in the Spanish Golden Age." *Romance Quarterly* 58.3 (Autumn 2005).

Comfort, Kathy. "Sin, Disease, Possession: The Case of the Curé d'Ambricourt in Georges Bernanos's *Journal d'un curé de campagne*." *Renascence* 57.1 (2004): 29-46.

Condray, Kathleen. "Language and Power, Homoeroticism and Illness: A Reading of Jan Peter Bremer's *Der Fürst spricht*." *Monatshefte*, 96 (2004), 521-534.

Cornell, Rkia. "Rabi'ah al-'Adawiyyah (circa 720-801)," in *Dictionary of Literary Biography*, Volume 311: Arabic Literary Culture, 500-925. Michael Cooperson and Shawkat M. Toorawa, eds. Farmington Hills, Michigan: Thomson and Gale Publishers, 2005. Pp. 292-298.

Fukushima, Tatsuya. "Japanese Continuative Conjunction *ga* as a Semantic Boundary Marker." *Language & Communication: An Interdisciplinary Journal* 25: 81-106.

Jones, Linda. "Testing L2 Vocabulary Recognition and Recall Using Pictorial and Written Test Items." *Language Learning & Technology* 8 (3): 122-43.

Pritchett, Kay. "Sacred Spaces: The Mediterranean in Poems by Antonio Colinas." *Hispania* 88.2 (May 2005): 278-283.

Ruiz, Reina. "Entreactos de la *Tragicomedia de los jardines y campos sabeos*: galería cómica de monstruos y deformes." *Hispania* 87.4 (2004): 665-74.

Ruiz, Reina. "De orgía y bacanal a sátira política: entreactos de la segunda parte de *Los jardines y campos sabeos* de Feliciano Enríquez de Guzmán." *The Bulletin of the Comediantes* 57 (2005).

Tucker, Janet. "Varlam Tikhonovich Shalamov," *Dictionary of Literary Biography. Vol. 302. Russian Prose Writers after World War II*. Christine Rydel, ed. Detroit: Thomson Gale, 2005 Pp. 250-265.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

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

Comfort, Kathy. Review of Boulé, Jean-Pierre. *HIV Stories: The Archaeology of AIDS Writing in France, 1985-1988*. *The French Review* 78.6 (May 2005): 1252-53.

Condray, Kathleen. Review of Barbara Kosta and Helga Kraft (eds). *Writing against Boundaries: Nationality, Ethnicity and Gender in the German-speaking Context*. *German Studies Review*, XXVII (2004), 673-674.

Condray, Kathleen. Review of Hydo Flippo. *When in Germany, Do as the Germans Do: The Clued-In Guide to German Life, Language, and Culture*. *Die Unterrichtspraxis* 37 (2004): 77.

Hanlin, Todd C. Review of Walther Killy and Rudolf Vierhaus, eds. *Dictionary of German Biography* (five volumes), in *German Studies Review* 27 (2004): 599-600.

Hanlin, Todd C. Electronic article, "Das Verbindende der Kulturen: Franz Werfel's Verdi-Novel," *Internet-Zeitschrift für Kulturwissenschaften* 15 (2004), <http://www.inst.at/trans/15Nr/05_09/hanlin15.htm>.

Ricker, Judith. Electronic encyclopedia entry, "Max Frisch: Homo Faber," *The Literary Encyclopedia* (3 February 2005), <http://www.litencyc.com/php/sworks.php?rec=true&UID=13980>.

Ricker, Judith. Electronic encyclopedia entry, "Max Frisch: I'm not Stiller," *The Literary Encyclopedia* (30 March 2005), <http://www.litencyc.com/php/sworks.php?rec=true&UID=13979>.

Ricker, Judith. Electronic encyclopedia entry, "Max Frisch: Biedermann and the Firebugs," *The Literary Encyclopedia* (30 March 2005), <http://www.litencyc.com/php/sworks.php?rec=true&UID=139801>.

Rozier, Louise. Review of Deledda, Grazia, *The Church of Solitude*. E. Ann Matter, trans. *ITALICA: Journal of the American Association of Teachers of Italian* (Spring 2004).

Rozier, Louise. Review of Nicoletta Simborowski, *Secrets and Puzzles. Silence and the Unsaid in Contemporary Italian Writing*. *ITALICA: Journal of the American Association of Teachers of Italian* (Spring 2004).

Rozier, Louise. Review of Daria Valentini & Paola Carù (eds). *Beyond Artemisia: Female Subjectivity, History and Culture in Anna Banti*. *ITALICA: Journal of the American Association of Teachers of Italian* (Fall 2004).

INVITED LECTURES:

Davis, Jim. "A Qualitative Study of Technological Innovation in a Postsecondary Setting." American University of Beirut (AIB), January 2005.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Bell, Steven M. "Mexican Independence and Hispanic Heritage." Shiloh Museum of History. Springdale, AR, 15 September 2004.

Bernard, Lori. "'Yo nací libre . . .': La libertad femenina en el Quijote y en la tradición manuscrita del siglo XVI." Conference on 1605-2005: Don Quijote Across the Centuries, College of Wooster, April 7-9, 2005.

Comfort, Kathy. "Shades of Lazarus in Jean Giono's *L'Homme qui plantait des arbres*." Kentucky Foreign Languages Conference, Lexington, KY, April 2005.

Comfort, Kathy. "*Résistance au féminin* in Marguerite Duras's *La Douleur*." Twentieth-Century Literature Conference, Louisville, KY, Feb. 2005.

Condray, Kathleen. "The Immigrant Experience in the Work of Wladimir Kaminer." American Council on the Teaching of Foreign Languages, Chicago, November 2004.

Condray, Kathleen. "Challenges Faced by the TPRS Student in the Traditional College Classroom." American Council on the Teaching of Foreign Languages, Chicago, November 2004.

Cornell, Rkia. "'Soul of a Woman was Created Below': Woman as the Lower Soul (Nafs) in Islam." International Conference on Religion and Evil, Vrije Universiteit Amsterdam and Tropenmuseum, Amsterdam, The Netherlands, March 18, 2005.

Eichmann, Raymond. “The *Jeu de Saint Nicolas*: Another Look at its Meaning and Intent.” SCMLA, October 2004.

Fredrick, David. “Titus Androgynous: Troubled Masculinity in the Roman Movie.” 136th Annual Meeting of the American Philological Association, January 6-9, Boston, MA.

Fredrick, David. “On the Cognitive Style of IT”, Ancient Studies—New Technology 3: The World Wide Web and Scholarly Research, Communication, and Publication in Ancient, Byzantine, and Medieval Studies.” James Madison University, Harrisonburg, VA, December 3, 2004.

Fukushima, Tatsuya. “Japanese Sentence-Final-*ja*: A Situationally Distinctive Feature of Computer-Mediated Communication.” Annual Conference for the International Association of Asian Studies, Houston, TX, February 14-19, 2005.

Jones, Linda. “Teaching with Historic Documents in the Language Classroom.” ACTFL, Chicago, IL, November 2004.

Jones, Linda (co-presenter). “A Model for Addressing Cross-Cultural Differences.” ACTFL, Chicago, IL, November 2004.

Pritchett, Kay. “Manuel Vázquez’s Montalbán’s Late Volumes: The Ultimate Meaning of Escape.” Kentucky Foreign Language Conference, University of Kentucky, Lexington, April 2005.

Restrepo, Luis Fernando. “The Epic, Trauma, and the Underside of Imperialism.” American Comparative Literature Association Annual Meeting, Pennsylvania State University, March 11-13, 2005.

Restrepo, Luis Fernando. “La violencia de la (alta)cultura: *La araucana* y la épica colonial.” Latin American Studies International Congress, Las Vegas, Oct. 7, 2004.

Restrepo, Luis Fernando. “La cultura muisca y el indigenismo colombiano.” Jornadas Andinas de Literatura Latinoamericana (JALLA), Lima, Perú, August 12, 2004.

Restrepo, Luis Fernando. “Persecution in Colonial Spanish America: Extirpating Idolatry in the Northern Andes.” Inquisitions and Persecutions in Early Modern Europe and The Americas, National Endowment for the Humanities Institute for College and University Teachers, Center for Renaissance and Baroque Studies, University of Maryland, College Park, June 17, 2005.

Restrepo, Luis Fernando. “The Muisca Reindigenization Process and the Colombian Pluricultural Project in the Age of Neoliberalism.” Symposium on *Indigenous Knowledge and Academic Curricula*, Department of Romance Languages, University of Florida, Gainesville, FL, Oct. 28-29, 2004.

Ricker, Judith. “Die Schweiz und die EU.” German Summer School, Taos, New Mexico, July 2005.

Rozier, Louise. “Paola Masino: Writing as Defiance and Rebellion.” ACTFL, American Association of Teachers of Italian, Chicago, IL, November 20, 2004.

Ruiz, Reina. “Don Quijote Never Dies: 400 Years of Adventure.” The Sister City Association of Kansas City and The Foreign language Department of the University of Missouri, Kansas City, April 9, 2005.

Ruiz, M. Reina. “Una vida de película: Feliciano Enríquez de Guzmán, últimas noticias.” Kentucky Foreign Language Conference, University of Kentucky, Lexington, April 2005.

Tucker, Janet. “Genre Fragmentation in Gogol’s ‘The Overcoat’.” American Association for the Advancement of Slavic Studies, Boston, December 4, 2004.

Tucker, Janet. “Sacred and Profane Architectural Constructs in Dostoevsky's *Crime and Punishment*.” American Association for the Advancement of Slavic Studies, Boston, December 4, 2004.

Turner, Joan (co-presenter). "A Model for Cross-Cultural Training of Teaching Assistants." American Council on the Teaching of Foreign Languages Conference, Chicago, IL, November 19, 2004.

Turner, Joan (co-presenter). "Reaching Out Through Poetry: The Spirit Speaks." American Council on the Teaching of Foreign Languages Conference, Chicago, IL, November 20, 2004.

Turner, Joan (co-presenter). "Calling All Styles: A Multi-sensory Approach to Teaching Vocabulary." Central States Conference, Columbus, OH, March 12, 2005.

GEOSCIENCES

REFEREED PUBLICATIONS:

Clark, S.L., S.W. Hallgren, D.W. Stahle, and T.B. Lynch, 2005. Characteristics of the Keystone Ancient Forest Preserve, an old-growth forest in the Cross Timbers of Oklahoma, USA. *Natural Areas Journal* 25:165-175.

Cook, E.R., C. Woodhouse, C.M. Eakin, D.M. Meko, and D.W. Stahle, 2004. Long-term aridity changes in the western United States. *Science* 306:1015-1018.

Dixon, J.C., Campbell, S.W., Thorn, C.E, and Darmody, R.G.. Incipient weathering rind development on introduced machine-polished granite disks in an Arctic environment northern Scandinavia, *earth Surface Processes and Landforms*.

Dixon, B., Scott, H.D., Dixon, J.C., and Brahana, J.V. Application of neuro-fuzzy techniques in predicting ground water vulnerability: A G.I.S. sensitivity analysis. *Journal of Hydrology*.

Dixon, J.C. and Thorn, C.E., and Darmody, R.G. 2004. Measuring the extent of chemical weathering in subarctic alpine environments: implications for future research. *Polar Geography*, 28, 63-75.

Dixon, J.C. and Thorn, C.E. 2005. Chemical weathering and landscape development in mid-latitude alpine environments. *Geomorphology*, 67, 127-145.

Fye, F.K., D.W. Stahle, and E.R. Cook, 2004. Twentieth-century sea surface temperature patterns in the Pacific during decadal moisture regimes over the United States. *Earth Interactions* 8:22:1-22.

Griffin, R.D., D.W. Stahle, and M.D. Therrell, 2004. Repeat photography in the ancient Cross Timbers of Oklahoma, USA. *Natural Areas Journal* 25:176-182.

Hays, Phillip D., 2004, Mercury Contamination in Suriname—A Legacy to Handicap a Generation: World Wildlife Federation Technical Publication SR-0405, 6 p.

Hays, Phillip D., and Marie-Louise Felix, 2004, The Impact of Regional-Scale Mercury Contamination on the Animals of Suriname: World Wildlife Federation Technical Publication SR-0406, 8 p.

Hays, Phillip D. and Beth B. Lampron, 2004, Mercury contamination and use in Suriname's gold Mining industry: U.S. Department of State Political Cable Paramaribo 259, 10 p.

Jansma, P.E., and G. S. Mattioli, 2005, GPS results from Puerto Rico and the Virgin Islands: Constraints on tectonic setting and rates of active faulting, in Mann, P., ed., "Active tectonics and seismic hazards of Puerto Rico, the Virgin Islands, and offshore areas: *Geological Society of America, Special Paper* 385, p. 13-30.

Jansma, P.E., and G. S. Mattioli, 2005, GPS results from Puerto Rico and the Virgin Islands: Constraints on tectonic setting and rates of active faulting, in Mann, P., ed., "Active tectonics and seismic hazards of Puerto Rico, the Virgin Islands, and offshore areas: *Geological Society of America, Special Paper* 385, p. 13-30.

Mattioli, G.S., S.R. Young, B. Voight, R.S.J. Sparks, E. Shalev, S. Sacks, P. Malin, A. Linde, W. Johnston, D. Hidayat, D. Elsworth, P. Dunkley, R. Herd, G. Norton, J. Neuberg, and C. Widiwijayanti, 2004, Prototype PBO Instrumentation of CALIPSO Captures World-Record Lava Dome Collapse of July 2003 on Soufrière Hills Volcano, Montserrat (Feature article), *EOS transactions, American Geophysical Union*, 85, 317-328.

Paradise, T. R. 2005. Weathering of sandstone architecture in Petra, Jordan: influences and rates in GSA Special Paper 390: Stone Decay in the Architectural Environment: 11pp.

Turkington, A, & Paradise, T. 2005. Sandstone Weathering: a Century of Progress & Innovation *Geomorphology* 67:229-253 (Elsevier).

Turkington, A, & Paradise, T. 2004. Sandstone Weathering: a Century of Progress & Innovation *International Conclave on Geomorphology and Weathering at New York State University Binghamton - Proceedings*.

Therrell, M.D., D.W. Stahle, R. Acuna Soto, 2004. Aztec drought and the curse of One Rabbit. *Bulletin of the American Meteorological Society* 85:1263-1272.

Villanueva-Diaz, J., J. Cerano-Paredes, D.W. Stahle, M.D. Therrell, M.K. Cleaveland, and I. Sanchez-Cohen, 2004. *Elementos basicos de la dendrocronologia y sus aplicaciones en Mexico*. Folleto Tecnico No. 2, Instituto Nacional de Investigaciones Forestales, Agricolas, y Pecuarias, y al CENID-RASPA, Gomez Palacio, Durango, 37p. (ISBN: 968-800-574-6).

NONREFEREED PUBLICATIONS:

Ata, H.A., J.C. Cothren and J.A. Tullis, 2005, "QT Modeler 3.0", a review of a LIDAR visualization and analysis package developed by Johns Hopkins University Applied Physics Laboratory, *GeoWorld Magazine* (Mar 2005).

Boss, S. K., Review: Chapters 1-3, *Volcanoes and Earthquakes* by Weaver and Ahern for Blackwell Publishing.

Boss, S. K., Review: Chapters 8-10, *The Good Earth* by McConnell

Cothren, J. (2005) Reliability in Constrained Gauss-Markov Models: An Analytical and Differential Approach with Applications in Photogrammetry. Report #473, Geodetic and GeoInformation Science, The Ohio State University. February, 2005.

Cothren, J. (2005) Lizard Tech GeoExpress 5.0 Extends the Utility of MrSID Generation 3 and JPEG 2000 Images. *Earth Imaging Journal*, May/June issue.

Cothren, J. and Gorham, B. (2005) Automated Feature Extraction, Software Advances Extract Impervious Surfaces from Satellite Imagery, *Earth Imaging Journal*, January/February issue.

Cothren, J. (2005) Digital Mapping Cameras: Choosing the right tool for the job. *Earth Imaging Journal*, March/April issue.

Cothren, J. and Limp, F.W. (2004) 3D applications at the Center for Advanced Spatial Technologies. *POB*, May issue.

Dixon, J.C., Veltre, D.W., and Savelle, J.M. 2004. Introduction. In: Dixon, J.C., Veltre, D.W. and Savelle, J.M. (Eds). *Arctic Anthropology: Issue in Honor of Allen P. Mc Cartney*, 41, 3-4

Gorham, B.E. and J.A. Tullis, 2005, "ArkansasView Semiannual Report", *AmericaView* Progress Report, USGS: EROS Data Center, SD, 7 pages.

Hays, Phillip D., J.V. Brahana, C.J. Varnell, and S.A. Thawaba, 2004, Mercury contamination associated with gold mining in the Guianas, National Science Foundation International Conference on Geology and Human Health—Applied Science on the Cutting Edge.

Jensen, J.R., M.E. Hodgson, J.A. Tullis and G.T. Raber, "Remote Sensing of Impervious Surfaces and Building Infrastructure", *Geo-Spatial Technologies in Urban Environments* (R.R. Jensen, J. Gatrell and D.D. McLane, editors), New York, NY: Springer-Verlag, Inc., 176 pages.

Kresse, T.K., Fazio, J.A., Steele, K.F., Davis, R.K., Hays, P.D., and Brahana, J.V., 2005, Elevated Arsenic Concentrations in the Alluvial Aquifer of Eastern Arkansas - Implications for Source and Release Mechanisms from General Ground-Water Quality Data, in Abstract Book - 2005 NGWA Naturally Occurring Contaminants Conference: Arsenic, Radium, Radon and Uranium, February 24-25, Charleston, S.C., Pages 132-133.

Paradise, T. R. 2004. Architectural Decay and Petra: Implications for World Heritage Sites and Visitor Carrying Capacities, Ten Year Report to the Petra National Trust (PNT), (Director Aysar Akrawi)

Paradise, T. R. GEOTIMES cover article on architectural research in Petra, Jordan: (large international readership through the American Geophysical Institute-AGI, NYC), June 2004, editor Naomi Lubick

Steele, Kenneth F., Burmshik Kim, and Todd Fugitt, 2005, Alluvial Aquifer Water Chemistry: Function of Sample Filtration and Spatial Variability, Arkansas Water Resources Center, University of Arkansas, Fayetteville, Proceedings 2005 Conference, 2 p (INVITED).

Steele, F. K., B. Kim, and T. D. Fugitt, 2004, Spatial Variation of Water Chemistry in the Alluvial and Sparta Aquifers of Eastern Arkansas, GSA 2004 Denver Annual Meeting Abstract, CD-Volume, Paper Number 73-1

Tullis, J. and Cothren, J., 2005. Software Review: QT Modeler. *GeoWorld*, March issue.

CONFERENCES ATTENDED, PRESENTATIONS, AND ABSTRACTS:

Dr. Stephen K. Boss:

12th Annual Workshop on Teaching Research Ethics, Indiana University, 12-14 may 2005.

Earth System Science at the University of Arkansas: Tune in, turn on, link up!: NASA NOVA Annual Workshop, Marshall Spaceflight Center, Huntsville, AL, January 2005.

Inquiry-based learning using Microsoft Movie Maker: NASA NOVA Annual Workshop, Marshall Spaceflight Center, Huntsville, AL, January 2005.

Beller, C., 2005, A catalog of alternative conceptions of the tsunami of 26 December 2004: Arkansas Academy of Sciences 89th Annual Meeting, Hendrix College, Conway, AR, 8-9 April 2005.

Dennis, J.C., 2005, Impacts of roadway engineering on the shore zone of Yellowstone Lake: 8th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, Mammoth Hot Springs, Yellowstone National Park, Wyoming, 17-19 October 2005.

Garcia, T.M., 2005, Historical bathymetry, sediment thickness, and sediment accumulation in Lake Fayetteville, Fayetteville, Arkansas: Arkansas Water Resources Center Annual Conference, Fayetteville, AR, April 2005.

Odell, M.I. 2005, Integrated Curriculum: NASA NOVA Annual Workshop, Marshall Spaceflight Center, Huntsville, AL, January 2005.

Pickup, B.E., 2005, Modeling shoreline change at West Thumb, Yellowstone Lake, Yellowstone National Park, USA, as a function of caldera dynamics and lake level variations: *Geological Society of America Annual Meeting Abstracts with Programs*, v.37.

Pickup, B.E., 2005, The dynamic shore of Yellowstone Lake: Geomorphic processes and lakeshore management perspective: 8th Biennial Scientific Conference on the Greater Yellowstone Ecosystem, Mammoth Hot Springs, Yellowstone National Park, Wyoming, 17-19 October 2005

Dr. Malcolm Cleaveland:

Ko-ko-ci Chapter of the Arkansas Archeological Society, two presentations. Invited speaker.

Dr. Jackson Cothren:

Cothren, J. and Schaffrin, B. (2005) Reliability Design for Imagery from Data, International Cartographic Conference, A Coruña, Spain, June 9-16, 2005. (refereed)

Cothren, J. LIDAR Quality Assessment in NW Arkansas using OPUS derived vertical control points. Arkansas GIS Users Conference, Sep, 2005. (invited)

Cothren, J. RGIS Conference (Oct 2005)

Limp, F., Cothren, J., Smith, A., Ernenwein, E., Harmon, D. (2004). Application of Ground-Based LIDAR and Other Innovative Photogrammetric Methods to the Documentation of and Interpretation of Historic Structures and Archeological Sites. 2004 Partners in Environmental Technology Technical Symposium & Workshop "Meeting DoD's Environmental Challenges". Nov 30 – Dec 2, 2004. Washington, D.C. (invited)

Cothren, J. and Schaffrin, B., (2004). Reliability Analysis in Linear Models. The Thirteenth International Workshop on Matrices and Statistics, Będlewo, Poland. August 18-21, 2004.

Cothren, J., (2004) Impervious surface delineation using high-resolution satellite imagery and segmentation with contextual constraints, RGIS Conference, Penn State University, October 29. (invited)

Smith, A. and Cothren, J., (2004) The Narrows in 3D – A Virtual and Educational Experience, Innovmetric International PolyWorks User Meeting, Quebec City, Canada, June 17-18. (invited)

Cothren, J., Tullis, J. and Limp, W.F., (2004) CAST and forest applications: from LIDAR to SDSS, Arkansas Forestry Association, October 13. (invited)

Dr. Ralph Davis:

Davis, R.K., J.V. Brahana, R. Pavlowsky, M. Matlock, I. Chaubey, and F. Gilzow, 2004, Proposed Ozark Plateau Province Hydrologic Observatory. American Geophysical Union Annual Meeting, San Francisco, CA, December 2004. (Invited)

Davis, R.K., J.V. Brahana, R. Pavlowsky, and F. Gilzow, 2004, Ozark Plateau Province Hydrologic Observatory. Consortium for the Advancement of Hydrologic Sciences Inc. Logan, UT, September 2004. (Invited)

Ting, T., G.J. Thoma, R.B. Beitle, R.K. Davis, J.V. Brahana, H Liu, 2004, High Cell Density Production of Europium-Labeled (*Escherichia coli*) for Tracing of Bacteria in Mantled Karst of Northwest Arkansas. American Geophysical Union Annual Meeting, San Francisco, CA, December 2004

Laubhan, A., R.K. Davis, and J.V. Brahana, 2004, Impact of Human Activities on Water Quality in the Mantled Karst of the Southern Ozarks, Northwest Arkansas. Geological Society of America Abstracts with Programs, v. 36, n. 5.

Brahana, J.V., P. Hays, R.K. Davis, T. Kresse, T. Sauer, 2004, Case Studies From a Long-Term Karst Research Site Illustrating Data Requirements Necessary to Adequately Characterize and Represent Flow in Karst Aquifers at Meaningful Scales. Geological Society of America Abstracts with Programs, v. 36, n. 5.

Davis, R.K., G.J. Thoma, J.V. Brahana, T. Ting, T. Unger, and D. Androes, 2004, *Escherichia coli* and Sediment Fate and Transport in a Mantled Karst Aquifer. Geological Society of America Abstracts with Programs, v. 36, n. 5.

Tiong-Ee, T., R.K. Davis, G. Thoma, J.V. Brahana, T. Unger, R. Perkins and D. Androes, 2005, Bacterial and Sediment Fate and Transport in Mantled Karst Aquifers, Savoy Experimental Watershed, Northwest Arkansas. 2005 Annual Arkansas Water Resources Conference. Fayetteville, Arkansas, April 19 and 20, 2005.

Dr. John Dixon:

Thorn, C.E., Dixon, J.C., and Darmody, R.G. 2005. A ten-year record of chemical weathering within Karkevagge, Swedish Lapland. *Geophysical Research Abstracts*, 7, 01473. European Geosciences Union. Vienna, April 24-29.

Dixon, J.C. 2005. Scale in periglacial geomorphology. In: Etienne, S. (Ed) *Shifting Lands: New insights into periglacial geomorphology*. European Science Foundation-SEDIFLUX Network. Second meeting. Clermont-Ferrand. January 20-22. pp 19-20.

Dixon, J.C. and Thorn, C.E. 2005. Chemical weathering and landscape development in mid-latitude alpine environments. Abstracts, 35th Annual Binghamton Geomorphology Symposium. Weathering and landscape Evolution. Lexington, Kentucky. October, 1-3. pp2-3.

Thorn, C.E., Dixon, J.C., Darmody, R.G., and Allen, C.E. 2005. A decade of surface and near surface "potential" weathering in a variety of microenvironments, Karkevagge, Swedish Lapland: A preliminary analysis. Abstracts, 35th Annual Binghamton Geomorphology Symposium. Weathering and Landscape Evolution. Lexington, Kentucky October 1-3. pp 25-26.

Dixon, J.C., Thorn, C.E., Darmody, R.G., and Allen, C.E. 2004. A field experimental approach to understanding relationships between chemical weathering and erosion in an Arctic Environment. *Eos Transactions A.G.U.* 85 (47). Fall Meeting Supplement. Abstract H43C-0282.

Dr. Thomas O. Graff:

"Wal-Mart and Northwest Arkansas" paper presented at the National Meeting of the Association of American Geographers in Denver (April, 2005).

Dr. Phillip D. Hays:

DeFauw, S.L., Hays, Phillip D. Hays, Brye, K.R., Brahana, J.V., and Sauer, T.J., 2004 Hydrodynamics of an experimental silvopastoral field in the Ozark Plateau, World Congress of Agroforestry Conference.

Pollock, Erik, and Hays, Phillip D., 2004, A Southwest Missouri speleothem isotopic record, a comparison of standard and novel analytical techniques, *Geological Society of America Abstracts with Programs*, v. 36, no. 5.

Brahana, J.V., Hays, P.D., Davis, R.K., Kresse, T.M., and Sauer, T.J., 2004, Case studies from a longterm karst research site illustrating data requirements necessary to adequately characterize flow in karst aquifers, *Geological Society of America Abstracts with Programs*, v. 36, no. 5.

Hobza, C.M., Moffit, D., Goodwin, D., Hays, P., 2004, In-situ evaluation of best management practices for animal waste storage in mantled karst—a case study from the Savoy Experimental Watershed, Geological Society of America Abstracts with Programs, v. 36, no. 5, p. 211.

Laincz, J., Winston, B., Ziegler, S., and Hays, P.D., 2004, A coupled biogeochemical/hydrological approach for elucidating transport and cycling of nitrogen within mantled karst watersheds, Geological Society of America Abstracts with Programs, v. 36, no. 5.

Scheffer, Aimee A., Guccione, Margaret J., and Hays, Phillip D., 2004, Using stable carbon isotopes to analyze spatial changes in vegetation of the Missouri and Mississippi rivers, Geological Society of America Abstracts with Programs, v. 36, no. 3, p. 32.

Scheffer, Aimee A., Guccione, Margaret J., and Hays, Phillip D., 2004, Using stable carbon isotopes to analyze spatial changes in vegetation of the Missouri and Mississippi river basins, American Quaternary Association 18th Biennial meeting.

Dr. Walter Manger:

Androes, D.L., Manger, W.L., and Zachry, D.L., 2004, The Stratigraphic Position of the Earliest Pennsylvanian Strata in the Morrowan Type Area and Its Relationship to the Mississippian-Pennsylvanian Boundary. Abstracts with Programs, Geological Society of America, annual meeting, Denver, CO, p. 362-362.

Doerr, E.L. and Manger, W.L., 2004, Trace Element Evidence of a Volcanic Source for Lower Mississippian Chert and Novaculite, Southern Midcontinent. Abstracts with Programs, Geological Society of America, annual meeting, Denver, CO, p. 370.

Meeks, L.K., Manger, W.L., and Mapes, R. H., 2005, Cephalopod Taphonomy in a Black Concretionary Shale, Fayetteville Shale (Upper Mississippian-Chesterian), Northwestern Arkansas. Abstracts, Sixth International Symposium - Cephalopods Present & Past, Fayetteville, Arkansas, p. 111-112.

Morgan, K.M., Manger, W.L., Kee, S.F., and Gillup, J.A., 2005, Growth Allometry and Possible Dimorphism in Pathologic Giants of the Late Mississippian Actinoceratoid Nautiloid *Rayonoceras solidiforme* Croneis from the Fayetteville Shale, Northwestern Arkansas. Abstracts, Sixth International Symposium - Cephalopods Present & Past, Fayetteville, Arkansas, p. 117.

Morgan, K.M., Horne, J.D., and Manger, W.L., 2004, Ammonoid Assemblages Associated with *Rayonoceras solidiforme* Croneis, Lower Fayetteville Shale (Chesterian-Mississippian), Northwestern Arkansas. Abstracts with Programs, Geological Society of America, annual meeting, Denver, CO, p. 58.

Dr. Glen Mattioli:

Mischler, J. and G. Mattioli, 2004, GPS geodetic measurement of volcanologically induced surface deformation on Dominica, Lesser Antilles, Geological Society of America Abstracts with Programs, Vol. 36, No. 3, p. 43.

Blessing, B., H.L. Turner, K. Fitzgibbon, R. Davidson, J. Parra, P. Jansma, and G.S. Mattioli, 2004, Tectonic implications of recent campaign GPS measurements along the central region of the Lesser Antilles arc: Results from Dominica 2001-2004, Eos Trans. AGU (85) 47, Fall Meet. Suppl., G21A-0134.

Davidson, R., H.L. Turner, B. Blessing, Parra, J., K. Fitzgibbon, P. Jansma, and G.S. Mattioli, 2004, 2003-2004 campaign GPS geodetic monitoring of surface deformation proximal to volcanic centers, Commonwealth of Dominica, Lesser Antilles, Eos Trans. AGU (85) 47, Fall Meet. Suppl., G51A-0067.

Parra, J., H.L. Turner, B. Blessing, K. Fitzgibbon, R. Davidson, P. Jansma, and G.S. Mattioli, 2004, Volcanic deformation interpretations from campaign-mode GPS measurements of the Commonwealth of Dominica, Lesser Antilles, 2001-2003 Epoch 1 Data, Eos Trans. AGU (85) 47, Fall Meet. Suppl., G51A-0058.

Van Boskirk, L., B. Voight, P. Watts, C. Widiwijayanti, G.S. Mattioli, D. Elsworth, D. Hidayat, A.T. Linde, P.E. Malin, J. Neuberg, I.S. Sacks, E. Shalev, R.S.J. Sparks, S.R. Young, 2004, Pyroclastic flow generated tsunami waves detected by CALIPSO borehole strainmeters at Soufriere Hills, Montserrat during massive dome collapse: Numerical simulations and observations, Eos Trans. AGU (85) 47, Fall Meet. Suppl., OS23B-1315.

Mattioli, G.S., B. Voight, A.T. Linde, I.S. Sacks, P. Watts, D. Hidayat, S.R. Young, C. Widiwijayanti, E. Shalev, P.E. Malin, D. Elsworth, P. Williams, E. Van Boskirk, G. Thompson, T. Syers, R.S.J. Sparks, B. Schleigh, G. Norton, J. Neuberg, V. Miller, N. McWhorter, W. Johnston, P. Dunkley, A.B. Clarke, V. Bass, 2005, CALIPSO project at Soufrière Hills Volcano, Montserrat: Status and Scientific Overview of Prodigious Dome Collapse of July 2003, Eos Trans. AGU (86) 18, Spring Meet. Suppl., V34A-05.

Taira, T., A.T. Linde, I.S. Sacks, E. Shalev, P.E. Malin, J.M. Nielson, B. Voight, D. Hidayat, G.S. Mattioli, 2005, Locations of Long-Period Seismic Events Beneath the Soufriere Hills Volcano, Montserrat, W.I., Inferred from a Waveform Semblance Method, Eos Trans. AGU (86) 18, Spring Meet. Suppl., V23A-10.

Jansma, P., G. Mattioli, A. Marshall, J. Czarnecki, 2005, GPS Geodetic Measurements of Subsidence From Groundwater Drawdown in Central Arkansas, Eos Trans. AGU (86) 18, Spring Meet. Suppl., G43A-08.

Fitzgibbon, K.M., H.L. Turner, G.S. Mattioli, P.E. Jansma, 2005, Strain Accumulation Models in the Lesser Antilles Using GPS Geodesy, Eos Trans. AGU (86) 18, Spring Meet. Suppl., G43B-03.

Dr. Thomas Paradise:

Paradise, T. R. National Public Radio interview with Todd Feinburg, September 13, 2004 (twenty minute on air) Cultural Resource Issues in Iraq

Paradise, T. R. American Museum of Natural History (New York City) 2004 Advisor to major International Exhibition: Petra: timeless land, magnificent architecture (JoAnn Gutin coordinator)

Paradise, T. R. National Weekly Magazine of Italy Interview (Domenica Corriere) (one hour one air) on The Science of World Heritage site Management

Paradise, T. R. Public Broadcasting (PBS-Las Vegas) Advisor and Commentator for PBS Series Great Valleys of the World: Petra, Jordan (2004+)

Paradise, T. R. Editor: Annual Editions in Geography for Dushkin/McGraw-Hill

Paradise, T. R. Editor: Regions of the World (textbook series) and the Middle East for Harcourt-Brace

Paradise, T. R. & Alice Turkington, Sandstone Weathering: a Century of Progress & Innovation International Conclave on Geomorphology and Weathering at University of Kentucky at Lexington October 2004

Paradise, T. R. 9th International Mediterranean Congress, Messina Sicily (May 24-29, 2005)

Paradise, T. R. International Conclave on Geomorphology and Weathering at University of Kentucky at Lexington October 2004

Dr. Ken Steele:

Steele, F. K., B. Kim, and T. D. Fugitt, 2004, Spatial Variation of Water Chemistry in the Alluvial and Sparta Aquifers of Eastern Arkansas, GSA 2004 Denver Annual Meeting.

Kresse, T.K., Fazio, J.A., Steele, K.F., Davis, R.K., Hays, P.D., and Brahana, J.V., 2005, Elevated Arsenic Concentrations in the Alluvial Aquifer of Eastern Arkansas - Implications for Source and Release Mechanisms from General Ground-Water Quality Data, in Abstract Book – 2005 NGWA Naturally Occurring Contaminants Conference: Arsenic, Radium, Radon and Uranium, February 24-25, Charleston, S.C. (presented by Kresse).

Steele, Kenneth F., Burmshik Kim, and Todd Fugitt, 2005, Alluvial Aquifer Water Chemistry: Function of Sample Filtration and Spatial Variability, Arkansas Water Resources Center, University of Arkansas, Fayetteville, 2005 Conference, 2 p (INVITED)(presented by Kim and Steele).

Kim, B., K. Steele and T. Fugitt, 2004. Comparison of Dissolved and Acid-Extractable Metal Concentrations of Ground Water, Eastern Arkansas, USA, Environmental Informatics Archives, Vol. 2, p. 272-284.

Kim, B., K. Steele and T. Fugitt, 2004. Comparison of Dissolved and Acid-Extractable Metal Concentrations of Ground Water, Eastern Arkansas, USA, Environmental Informatics Conference, Regina, Canada (presented by Kim) WE HAVE BEEN INVITED TO SUBMIT THE PAPER TO THE JOURNAL OF ENVIRONMENTAL INFORMATICS.

Dr. Jason Tullis:

Presented “Exploring LIDAR-derived Inputs for Hurricane Storm Surge Models” to faculty and students in the *Department of Geography*, University of Southern Mississippi, Hattiesburg, MS (Feb 2005).

Presented “Predicted Storm Surge Inundation Boundaries: SLOSH Modeling with LIDAR-derived DEMs – Phase II” to NASA officials from *Applied Sciences Directorate*, Stennis Space Center, MS (Feb 2005).

Presented “Potential Remote Sensing-assisted Terrain, Land Cover, and Decision Support Models within a Grid Computing Environment” to Dr. Pat Brezonik from NSF and Central U.S. hydrology researchers at the *Great Plains Network Cyberinfrastructure Workshop*, University of Kansas, Lawrence, KS (Feb 2005).

Presented “Per-segment Classification and Machine Learning Decision Trees” to geospatial community professionals at the *eCognition 2005 International User Meeting*, Baltimore, MD (Mar 2005).

Presented “Automating & Optimizing Intelligent Knowledge-based Extraction of Land Cover Change” to students and faculty in the *Program in Environmental Science and Regional Planning*, Washington State University, Pullman, WA (Apr 2005).

BOOK CHAPTERS:

Dixon, J.C. 2005. Frost and frost phenomena. In: M.Nuttall (ed.) *Encyclopedia of the Arctic*. Routledge. New York. pp 686-687.

Dixon, J.C. 2005. Gelifluction processes. In: M. Nuttall (ed.) *Encyclopedia of the Arctic*. Routledge. New York. pp 706-708.

Dixon, J.C. and Thorn, C.E. 2005. Chemical weathering and landscape evolution in mid latitude alpine environments. In: Turkington, A., Phillips, J., and Campbell, S.W. (eds.) *Weathering and Landscape Evolution*. Elsevier. Amsterdam. pp127-145.

Paradise, T. R. 2006. Algeria, Atlas Mountains, Egypt, Morocco, & Tunisia (chapters in *Encyclopedia of World Geography*), Facts on File Publishers

Steele, Kenneth F., 2005, Carbonate Chemistry in *The Encyclopedia of Water* (ed. Jay Lehr), John Wiley and Sons, Inc. New York, New York.

Brye, Kristofor and Kenneth Steele, 2005, Soil and Water Contamination by Heavy Metals in The Encyclopedia of Water (ed. Jay Lehr)

Steele, Kenneth F. and Kristofor Brye, 2005, Nitrogen, in The Encyclopedia of Water (ed. Jay Lehr), John Wiley and Sons, Inc., New York, New York.

BOOKS:

Dixon, J.C., Veltre, D.W., and Savelle, J.M. (Eds). 2004. Arctic Anthropology: Issue in honor of Allen P. McCartney. University of Wisconsin Press. Madison, Wisconsin.

HISTORY

BOOKS:

Beth Barton Schweiger, *Religion in the American South: Protestants and Others in History and Culture*, Beth Barton Schweiger and Donald G. Mathews, eds. (Chapel Hill: University of North Carolina Press, November 2004.)

Jeannie Whayne, *The Clinton Riddle: Essays on the Presidency of William Jefferson Clinton*, eds. Todd Shields, Jeannie Whayne, and Donald R. Kelly (Fayetteville: University of Arkansas Press, 2004).

CHAPTERS IN BOOKS:

Alessandro Brogi, "2005, NATO and Empire in Historical Perspective" in M.R. Lino, L. Pegorano, J.O. Frosini (eds.), *From Bush to Bush: U.S. Elections 2004*. Bologna: Libreria Bonomo Editrice, 2004.

Evan Bukey, "Ein bitterer Triumph: Die Kampfmoral der deutschen Zivilbevölkerung 1941," in Walter Schuster, Maximilian Schimböck, and Anneliese Schweiger (eds.), *Stadtarchiv und Stadtgeschichte: Forschungen und Innovationen: Festschrift für Fritz Mayrhofer Vollendung seines 60. Lebensjahres*. (Linz: archive der Stadt Linz, 2004), 839-62.

Evan Bukey, "How Revolutionary Was Nazi Austria?" in Friedrich Stadler (ed.) *Österreichs Umgang mit dem Nationalsozialismus* (Vienna and New York: Springer Verlag, 2004), 55-69.

Lynda Coon, "What is the Word if not Semen? Priestly Bodies in Carolingian Exegesis" in Leslie Brubaker and Julia Smith (eds.), *Gender and the Transformation of the Roman World* (Cambridge University Press, November 2004), pp. 278-300.

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

Joel Gordon, "Nasser 56/ Cairo 96: Reimagining Egypt's Lost Community," originally published in *Mass Culture in the Middle East and Beyond*, edited by Walter Armbrust (University of California Press, 2002) – reprinted in Albert Hourani/Philip S. Khoury/Mary C. Wilson's, *The Modern Middle East* (revised edition, Taurus, 2004): 597-613.

Elliott West, "Sarah Winnemucca, Chief Joseph, and Native America's Dilemma," in *Western Lives: A Biographical History of the American West*, ed. Richard W. Etulain (Albuquerque: University of New Mexico Press, 2004):199-22

Elliott West, "Finding Lewis and Clark By Stepping Away," in *Finding Lewis and Clark: Old Trails, New Directions*, ed. James P. Ronda and Nancy Tystad Koupal (Pierre: South Dakota State Historical Society Press, 2004) 174-90.

Elliott West, "Against the Grain: State-Making, Cultures and Geography in the American West," in *One West, Two Myths: A Comparative Reader* (Calgary: University of Calgary Press, 2004), pp. 1-21.

Jeannie Whayne, "Southern Women in the Age of Emancipation," in *Blackwell's Companion to the Civil War and Reconstruction*, ed. Lacy Ford (Blackwell, 2005) pp. 403-422.

Randall Woods, "Clinton, Fulbright, and the Legacy of the Cold War," in Shields, Whayne, and Kelly, ed., *The Clinton Riddle* (University of Arkansas Press, 2004): pp. 93-110.

Randall Woods, "The Truman Prophecy," in Richard Kirkendall, ed., *Harry's Farewell: Interpreting and Teaching the Truman Presidency* (Missouri, 2004) pp. 207-226.

Randall Woods, "The Cold War," in Julian E. Zlizer ed., *The American Congress: The Building of Democracy* (Houghton Mifflin, 2004) pp. 493-514.

ARTICLES IN JOURNALS:

Alessandro Brogi, "Orizzonti della politica estera italiana: Stati Uniti, Europa, Mediterraneo, 1945-1960" (Horizons of Italian Foreign Policy: U.S., Europe, Mediterranean, 1945-1960", in *Passato e Presente*, May-August 2004.

Robert Finlay, "How Not to (Re) Write World History: Gavin Menzies and the Chinese Discovery of America," *Journal of World History* 15/2 (2004): 229-42.

Robert Finlay, "The Maritime Expeditions of Zheng He: Ideology, State Power, and Overseas Trade in Ming China," *Studies in Medieval and Renaissance History* 15 (2004):143-62.

Elliott West, "A Long, Long Time Ago..." *Journal of Soil and Water Conservation*, 59:5 (September/October, 2004): 104A-110A.

Elliott West, "Expanding the Racial Frontier," *The Historian*, 66:3 (Fall 2004): 552-56.

NONREFEREED PUBLICATIONS:

Alessandro Brogi, "Competing Missions: France, Italy and the Rise of American Hegemony in the Mediterranean, 1954-1958."

Alessandro Brogi, "Anti-Americanism" for *Dictionary of Communism*, Torino:Einaudi, 2005/Oxford University Press, 2006.

Robert Finlay, "Porcelain" in *Berkshire Encyclopedia of World History*, Great Barrington, MA: Berkshire Publishing, 2004, vol. 4, pp. 1495-96.

Robert Finlay, "Zheng He" in *Berkshire Encyclopedia of World History*, Great Varrington, MA: Berkshire Publishing, 2004, vol. 5, pp. 2110-2112.

Robert Finlay, "Yongle Emperor" in *Berkshire Encyclopedia of World History*, Great Barrington, MA: Berkshire Publishing, 2004, vol. 5, pp. 2108-09.

William Tucker, "Floods" in *Medieval Islam Civilization: An Encyclopedia* (Routledge, 2005)

William Tucker "Weather Disasters" in *Islam Civilization: An Encyclopedia* (Routledge, 2005)

Many faculty members also published reviews: Brogi (2) Bukey (1) Chappell (4) Coon (1) Gordon (3) David Sloan (1) Sutherland (5) Tucker (1) Whyne (2) Williams (1)

INVITED LECTURES:

Alessandro Brogi, November 8, 2004: guest speaker, Gramsci Institute, Rome: "U.S. Elections 2004 and the Prospect of the War on Terrorism."

Alessandro Brogi, November 2, 2004, guest speaker as member of panel of U.S. experts, live commentary on U.S. Elections Results, Sala Borsa, Bologna City Hall.

Alessandro Brogi, October 29, 2004, Public Lecture: "The U.S. Elections and the Future of NATO," The Paul H. Nitze School of Advanced International Studies, Johns Hopkins University, Bologna Center.

David Chappell, Messiah College, Grantham, Pennsylvania, October 27, 2004.

Lynda Coon, "What is the Word if not Semen?": Priestly Bodies and Carolingian Exegesis" Medieval Studies Group, University of North Carolina at Chapel Hill, October, 2004.

Lynda Coon, "Gender & Sexuality, c. 600-1100," Cambridge History of Christianity Seminar, Notre Dame University, September, 2004.

Joel Gordon, "Nasser Lost it at the Movies: Egypt's Black-and-White Golden Age," Middlebury College, December 7, 2004.

Elliott West, "Families and Homesteading," featured lecture, Homestead National Monument, Beatrice, Nebraska, September 2004.

Jeannie Whayne, "Chasing Hope in a 'Wild and Sickly Country': Two Families, Two Destinies in the Arkansas Delta," Cora Norman Lecture in the Humanities, The Mississippi Humanities Council, October 14, 2004.

LECTURES AND ORAL PRESENTATIONS:

Evan Bukey, "Changing Interpretations of Austria's National Socialist Past" (Moderator), International Conference on the Holocaust: "From Generations to Generation," Brown University, Providence, Rhode Island, 6 November 2004.

Evan Bukey, "Archives in Germany and Austria: Issues and Problems" (Commentator), German Studies Association, Washington, D.C., 9 October 2004.

Evan Bukey, "Austrian Nazi Putsch in July 1934: Its Victims and Perpetrators" (Commentator), German Studies Association, 9 October 2004.

David Chappell, "Little Faith: The Lack of Religious Zeal for Segregationism" SHA Conference, Memphis, November, 2004.

David Chappell, Respondent, panel discussion on *A Stone of Hope*, St. George Tucker Society, annual meeting, Augusta, Georgia, August 6, 2004.

Lynda Coon, "Medieval Body Parts," Southeastern Medieval Conference, Charleston, South Carolina, October, 2004.

Vincent Cornell, December 22, 2004, "Sufism and Civil Society: Voluntary Associations and Civic Values in Premodern Islam," paper given at International Conference of Islamic Scholars: "Islam and Civil Society in the 21st Century: A Path to Transformation," Jakarta, Indonesia.

Vincent Cornell, December 5-8, 2004, "The Crisis of Traditionalism in Islam" and "The Boundaries of Theological Tolerance in Islam," workshop papers presented for second meeting of Scriptural Reasoning Research Group, Center of Theological Inquiry Princeton, New Jersey.

Vincent Cornell, November 21, 2004, "Teaching and Learning in the Qur'an," paper presented for the workshop, "Learning and Teaching in the Abrahamic Traditions," Scriptural Reasoning Group, Annual Meeting of the American Academy of Religion and Society of Biblical Literature, San Antonio, Texas.

Vincent Cornell, November 20, 2004, presided over the panel, "Discourses of Early Sufism," Islamic Mysticism Group, Annual Meeting of the American Academy of Religion, San Antonio, Texas.

Vincent Cornell, November 10, 2004, participant in panel discussion of religious scholars of Islam, Christianity, Judaism, Buddhism, Hinduism, and Native American religions, on subject of "Traditions of Tolerance and Exclusivity in World Religions," *Faith and Cooperation Conference*, 2004 Festival of Faiths, Cathedral Heritage Foundation, Louisville, Kentucky.

Vincent Cornell, October 27, 2004, participant in panel discussion, "After Iraq: American Security at Home and Abroad," University of Arkansas School of Law.

Vincent Cornell, September 20, 2004, "Universal Rights and Muslim Obligations: Towards a Moral Philosophy of Islamic Liberalism," paper delivered at conference, *Interfaith Perspectives on Universality and Justice: Textual Precepts and Practices*.

Vincent Cornell, July 8, 2004, panel participant of day-long workshop on "The Crisis of the Holy," co-sponsored by the Eliza Interfaith Institute and the King Fahd Center, World Parliament of Religions, Barcelona, Spain.

Vincent Cornell, June 29-July 7, 2004, participant in think-tank meeting and workshop for the project, "The Crisis of the Holy," sponsored by the Eliza Interfaith Academy, King Fahd Center, and McGill University Faculty of Religious Studies.

Donald Engels, Chair and commentary on ancient panel, "Hannibal's Invasion, Roman Religion," 2004.

Donald Engels, Mid-America Conference on History, Springfield, Missouri, September 2004.

Charles Robinson, "The Meaning and the Message of Juneteenth," Arkansas State University, Summer 2004.

Charles Robinson, commentator on panel discussion for Northwest Arkansas Community College, Fall 2004.

Charles Robinson, "What's Sex Got to Do with It? Southern White Responses to Interracial Relationships," Porter Fortune Jr. Symposium, University of Mississippi, Fall 2004.

Charles Robinson, commentator on panel at the OAH that examined race and rural communities, Boston, Massachusetts, Fall 2004.

Beth Barton Schweiger, "Artisan Women and Their Books in the Upland South," British Association of Nineteenth-Century Historians Annual Meeting, Gregynog, Powys, Wales, October 2004.

Tricia Starks, Chair session, "Gender in 19th Century America," Mid-America Conference on History, Springfield, Missouri, October 2004.

Daniel Sutherland, commentator for "Civil War Political and Military History," Mid-America Conference on History, Springfield, Missouri, October 2004.

Elliott West, "The Northern Plains as Crossroads," Keynote address, Symposium on Fort Laramie and the West, Fort Laramie, Wyoming, August 2004.

Elliott West, "Before Lewis and Clark," Symposium on Lewis and Clark and the American Republic, Lewis and Clark College, Portland, Oregon, September 2004.

Elliott West, "Who Drew These Ridiculous Lines? State Making and the U.S. – Canadian Border," Centennial Lecture, University of Saskatchewan, Saskatoon, Saskatchewan, November 2004.

Jeannie Whayne, "Chasing Hope in a 'Wild and Sickly Country': The Arkansas Delta Travails of Planter Lee Wilson and Homester Elija "Kidd" Abbott," September 30, 2004.

Jeannie Whayne, Phi Alpha Theta lecture on latest research finding on Lee Wilson Plantation, University of Arkansas, Fayetteville, November 11, 2004.

JOURNALISM

REFEREED ARTICLES AND PRESENTATIONS:

Gerald Jordan: "Annie Elizabeth Hollis Epps," article based on oral history about this 100-year-old woman, summer 1004.

Patsy Watkins: "Lemke Department of Journalism Minority High School Journalism Workshop." Presented at the Association for Education in Journalism and Mass Communication, summer 2004, Toronto, Canada.

Patsy Watkins: "Newspaper Photojournalism Coverage and Framing of the Early Weeks of the War in Iraq." Presented at the Southwest Regional Symposium for Education in Journalism and Mass Communication, fall 2004, Little Rock.

Patsy Watkins: "Narrative Theory and the Photos of Little Rock, 1957." Presented at VisCom19, summer 2005, Banff, Canada.

Jan Wicks (with Boubacar Souley): "The Advertising Industry in Wartime: How Advertising during the Iraq War Was Framed in Advertising Industry Publications and Major National Newspapers." Presented at AEJMC national convention; Toronto, Canada, August 2004.

Jan Wicks: (with Ron Warren): "Is the Infomercial Industry Still Duplicitous" An Analysis of Twenty Years of Deceptive Infomercials." Presented at the International Communication Association, summer 2005, New York City.

Jan Wicks: (with Rob Wicks): "Framing Fraud: An Analysis of How Deceptive Infomercial Advertisers Sell 'Breakthrough' Weight Loss Products." Presented at the American Academy of Advertising, spring 2005; New Orleans.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

INVITED LECTURES: 0

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Larry Foley: "Is Reel Baseball for Real?" Invited panelist for film festival celebrating America's National Pastime, April, 2005.

OTHER CREATIVE ENDEAVORS SUCH AS RECITALS, CONCERTS, SHOWS, PERFORMANCES, AND COMPARABLE ACTIVITIES:

Larry Foley: Book review, "Buffalo River Handbook," by Kenneth L. Smith. Taped review for AETN for broadcast in January 2005.

Hoyt Purvis: Weekly political affairs column for the Sunday *Northwest Arkansas Times*

MATHEMATICAL SCIENCES

BOOKS:

Capogna, Luca, "*Harmonic measure, geometric and analytic point of view*" (with Carlos Kenig and Loredana Lanzani). University Lectures Series 35, 2005, ISBN 0-8218-2728-6.

Capogna, Luca, "The Aronsson-Euler equation for Absolutely minimizing Lipschitz extensions with respect to Carnot-Caratheodory metrics", *Trans. Amer. Math. Soc.* 357 (2005), 795-823., (with Thomas Bieske).

Hogan, Jeff, "*Time-Frequency and Time-Scale Methods: Wavelets, Sampling, Uncertainty Principles*", co-authored with J.D. Lakey, Birkhauser, Boston (applied and Numerical Harmonic Analysis series), 2005.

Khavinson, Dmitry, "*Algebraic aspects of dirichlet problem with rational data*", (with P. Ebenfelt and Harold S. Shapiro), *Operator Theory Advances and Applications*, vol. 156, Birkhauser, 2005, 151-172.

Khavinson, Dmitry, “*Extremal problems in Bergman spaces of analytic functions*”, (with D. Aharonov, C. Beneteau, H.S. Shapiro), *Advances in Operation Theory*, Birkhauser, to appear.

REFEREED ARTICLES:

Chan, Jean, “The equivalence of Hilbert Polynomial and Chern Polynomials over Projective n-spaces”, *Illinois J. Math.* 48 no.2 (2004) 451-462.

Goodman-Strauss, Chaim, “*A Strongly Aperiodic Set of Tiles in the Hyperbolic Plane*”, *Inventiones Mathematicae*. 2005.

Hogan, Jeff, (with J.E. Gilbert and J.D. Lakey) “*BMO, boundedness of affine operators and frames*”, *Journal of Applied and Computational Harmonic Analysis*, 18 (2005), p. 3-24.

Hogan, Jeff, (with J.D. Lakey) “*Sampling and oversampling in shift invariant and multiresolution spaces I: validation of sampling schemes*”, *International Journal of Wavelets, Multiresolution and Information Processing*, 3 (2005) p. 257--281.

Khavinson, Dmitry, “*Remarks on the Bohr phenomenon*”, (with C. Beneteau and A. Dahlner), *computational Methods in Function theory* 4 (2004), no. 1, 1-19.

Khavinson, Dmitry, “*Inverse boundary value problems, quadrature domains and applications*”, (with A. Solynin and D. Vassilev), *Computational Methods in Function theory*, (5) 2005, No. 1, 19-24.

Luecking, Daniel, “*On the value of pi for norms in R^2* ”, joint work with J. Duncan and C. McGregor, *College Mathematics Journal*, vol. 35, (2004), 84-92.

Rieck, Yoav, (with Chaim Goodman-Strauss) *Simple Geodesics on a punctured hyperbolic surface.*

Rieck, Yoav, (with Chaim Goodman-Strauss) *Simple Geodesics on a punctured torus.*

Rieck, Yoav, “*Local detection of strongly irreducible Heegaard splittings via knot exteriors*”, *Topology and its Applications* 138 (with Kobayashi).

Rieck, Yoav, “*Separating incompressible surfaces and stabilizations of Heegaard splittings*”, *Mathematical Proceedings of the Cambridge Philosophical Society* (2004), 137:3:633-643 (with Kobayashi, Qiu and Wang).

Schein, Boris, “*Automorphisms of the endomorphism semigroup of a free inverse semigroup*”, 14 pp. *Communications in Algebra*, 2005.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Goodman-Strauss, Chaim, “*The Curvature of Surfaces*”, *The Proceedings of ISAMA*, 2004.

Luecking, Daniel, Maintained software package Mfpic, a package of TeX, Metafont and Metapost macros for creating mathematical drawings in TeX documents. Released update 0.7a in 2004, made preparations to release version 0.8 early 2005. Version 0.8 consists of over 200K of TeX, MF and MP code, 310 pages of documentation and 150K of supporting files. Version 0.7a is available from <ftp://ctan.tug.org/tex-archive/graphics/mfpic>

Rieck, Yoav, An-annular complexes in 3-manifolds, *RIMS proceedings* number 1229 (Kyoto University)

Rieck, Yoav, (with Tsuyoshi Kobayashi) Morimoto's Conjecture for m-small knots. In *musubime no topology 5* (Topology of Knots 5), kouki taniyama (ed.), pp. 197—213.

Rieck, Yoav, (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 LECTURE:

Akeroyd, J., "Minimal Kernels, Quadrature Identities and Proportional Harmonic Measures." Lexington, VA. April 2005.

Capogna, L., 2005, Oberwolfach (Nonlinear Evolution Equations). AMS meeting Bowling Green (KY).

Capogna, L., 2005, Riviere-Fabes symposium (1hr lecture). "4th School on Analysis and Geometry in Metric Spaces" (Trento).

Capogna, L., 2004, New Mexico Analysis seminar (keynote speaker), AMS meeting Albuquerque, AMS meeting Pittsburgh, University of Toronto.

Capogna, L., 2004, Centro De Giorgi, Pisa (Italy), University of Illinois, University of New South Wales, University of Missouri Columbia.

Chan, J., The colength and multiplicity of an m-primary ideal, -- AMS meeting, Nashville, October 17, 2004 Special Session invited.

De Oliveira, V., "Bayesian analysis for a Class of Gaussian Markov Random Fields: Joint Statistical Meetings, Toronto, Canada, August 8-12, 2004.

De Oliveira, V., "Bayesian Inference and Prediction of Gaussian Random Fields Based on Censored Data." Joint meeting TIES 2004/ACCURACY 2004, Portland, Maine, June 28-July 1, 2004.

De Oliveira, V., "Bayesian Inference and Prediction of Gaussian Random Fields based on Censored Data" The Second Erich L. Lehmann Symposium, Rice University, Houston, Texas, May 19-22, 2004.

Goodman-Strauss, Chaim, "Curvature and Surfaces", ISAMA, Chicago, IL, June 2004.

Goodman-Strauss, Chaim, “Aperiodicity and the Hyperbolic Plane”, Brigham Young University, October 2004.

Goodman-Strauss, Chaim, “Aperiodicity and the Hyperbolic Plane”, UA, May 2005. Hogan, J., On the role of the Zak transform in wavelet construction and design, Joint Meeting of the AMS and MMS, Houston, Texas, May 2004.

Hogan, J., Frame-based nonuniform sampling in Paley-Wiener spaces, International Conference on Modern Methods of Time-Frequency Analysis, Strobl, Austria, May 2005.

Khavinson, D., September 2004, Zeros of rational harmonic functions and gravitational microlensing, Distinguished Visitor Lectures, Bucknell University.

Khavinson, D., October 2004, Zeros of rational harmonic functions and gravitational microlensing, Colloquium, SUNY at Albany, invited.

Khavinson, D., November 2004, The isoperimetric inequality revisited, Colloquium, Bucknell University, invited.

Khavinson, D., January 2005, On the maximal number of zeros of certain rational harmonic functions, Special Session at the AMS Winter meeting in Atlanta, invited.

Khavinson, D., April 2005, On the maximal number of zeros of certain rational harmonic functions, SEAM, invited.

Khavinson, D., May 2005, Research in Pairs with Harold S. Shapiro and M. Putinar, Oberwolfach, invited.

Khavinson, D., June 2005, The isoperimetric inequality and some free boundary problems, one hour invited lecture at the CMFT 2005 conference, Joensuu.

Khavinson, D., July 2005, Workshop in gravitational microlensing, AIM Palo Alto, invited.

Lanzani, L., 2004, Centro De Giorgi (Pisa, Italy); U. of Toronto; AMS meeting #1000.

Lanzani, L., 2005, AMS meeting #1004; ESI (Austria); CIRM (Italy); Oberwolfach (Germany).

Luecking, Daniel, "*Generalized Interpolation in Hardy Spaces*", International Workshop on Function Theory in Seoul, S. Korea, June 20--24, 2005.

Luecking, Daniel, "*Finite unions of interpolating sequences*", AMS Annual Meeting, Special Session on Modern Function Theory, Phoenix, AR, Jan. 7-10, 2004 Luecking, Daniel, "*Composition operators and point evaluations*", AMS meeting, Special Session on Operator Theory on Function Spaces, Nashville, TN, Oct. 16-17, 2004.

Rieck, Yoav, Nara Women's University (topology seminar, June 2005, invitation accepted).

Rieck, Yoav, Nihon University (Tokyo, topology seminar, June 2005, 2 hours).

Rieck, Yoav, Tokyo Institute of Technology (topology seminar, June 2005, 2 hours).

Rieck, Yoav, Osaka University (topology seminar, June 2005, 2 hours).

Rieck, Yoav, University of Arkansas (April 2005). Rieck, Yoav, “AcShane theorem for once-punctured torus” International meeting Awaji shima (Japan) 2004.

Rieck, Yoav, Nara Women’s University (Topology seminar, June 2004)

Rieck, Yoav Osaka City University (Topology seminar, June 2004)

Schein, Boris, 999-th Meeting of the AMS (Vanderbilt University, Nashville, TN). Invited talk “Maximal inverse semigroups.” 10/18/2004.

Schein, Boris, Chulalongkorn University, Bangkok, Thailand, 11/18–19, 2004. 6 hours of colloquium lectures on “Maximal inverse semigroups of transformations.”

Schein, Boris, Chiang Mai University, Chiang Mai, Thailand, 11/23–26, 2004. Invited keynote speaker at the “Third Thai Workshop of Young Algebraists.” Six hours of lectures “Topics in inverse semigroup theory.”

MUSIC

BOOKS:

James Greeson (composer/performer), musical score for documentaries entitled “22 Straight,” (about Razorback football), and “City of Visitors,” (about the history of Hot Springs).

Jura Margulis, new release: "Life on the Horowitz Steinway" CD in July, ARS MUSICI

Jura Margulis, release of new CD (Transcriptions) in January with new Label: OEHMS CLASSICS
<<http://www.oehmsclassics.de/>><http://www.oehmsclassics.de/>

Robert Mueller had the following original compositions accepted for publication by Bocal Music, Inc., of Lawrence, Kansas: *Die Lebendigen und die Todten*, for Oboe and Piano (1983), *Time Labyrinths*, for Flute Oboe and Piano (1990), *Mantra*, for Oboe and Piano (1999), and *Three Lamentations in Times of Sorrow*, for Oboe, Viola, and Piano (2001).

CHAPTERS:

None

REFEREED ARTICLES:

Claire Detels, On-line revision of supplementary textbook, Music in the Western Tradition, for Brown and Benchmark.

Claire Detels, Articles on Arnold Schoenberg and Leonard Meyer for The Thoemmes Dictionary of American Philosophers, March, 2005.

James Greeson, 22 different “guitar chord charts” for Delavan publications, New York.

Graeme Langager, four compositions: “Psalm 65,” commissioned by the Atascadero United Methodist Church; “Silent Night,” for choir and orchestra, performed December, 2004; “Gaudium Vestrum Sit Plenum,” written for Schola Cantorum for performance in 2005; “I Will Lift Mine Eyes,” for a *cappella* chorus, possible publication and distribution by Pavane Publishing.

Elizabeth Markham, “Versions, Variants and Editorial practices as Evidence for Archaic Chinese Melody and Modal Variability in the *Toogaku* repertory of 12th-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.

Elizabeth Markham, “The Concept of a “Basic Melody” in early Japanese Court Music: Evidence in a Buddhist Vocal Notation?”, *Studia instrumentorum musicae popularis XII*, Halle/Saale 2004, pp. 67-73.

Dale Misenhelter, *Beyond the Band Rehearsal—Orff Techniques for Ensembles*, MENC Journal, *Teaching Music*, Vol. 12, No. 2, pp. 56-60.

Dale Misenhelter, *What is Our Agenda?*. Arkansas Music Educators Journal *Segue*, Feb., 2005.

Dale Misenhelter, “An Examination of Responses to Audio and Audio/Visual Stimulus: The *Bach Passacaglia in C minor* with Jean Cocteau’s Ballet *Le Jeune Homme et la Mort*,” Southern Journal of Music Education, Vol. 1, No. 1, (2004), pp. 25-37.

Richard Rulli, "Better Practice Through Focus," January, 2005, *International Trumpet Guild Journal*.

Gerald Sloan, cover story about Cuban trombonist Juan Pablo Torres for the April, 2005, issue of *Latin Beat* magazine.

NONREFEREED ARTICLES AND PROCEEDINGS:

Elizabeth Markham, et al., musical scores of Tang Music for NHK (Japan Broadcasting Corporation) documentary film of the Silk Road to be aired on Japanese TV in January, 2005; for performances during 2004 of Tang Music in Central Asia by *pipa*-virtuosa Wu Man et al.; for performance of Tang Music in concert given by Yao An at University of Arkansas.

INVITED LECTURES:

Claire Detels presented "100 Plus Years of *Madame Butterfly*," at the 2004 meeting of the Nineteenth-Century Studies Association.

Ronda Mains, with Barbara Fast, presented a lecture/recital at the International College Music Society meeting in Madrid, Spain, "From Film Score to Concert Hall: The Phenomenal Success of Jakob Gade's *Tango Jealousy*" on June 15, 2005.

Elizabeth Markham, *Monodia sacra medieval. Conferencia Internacional*, June 2-5, 2005, Lisbon, Portugal.

Elizabeth Markham, "Contrafactum and a Buddhist Neumatic Notation from 'Medieval' Japan". 12th Meeting of the International Musicological Society - Study Group CANTUS PLANUS, August 23 - 28, Budapest and Lillafured, Hungary. As a direct outcome of this presentation Prof. Markham was invited to put together a panel for a complete session on medieval Buddhist Chant ("Buddhist Music from India to Japan") for an International Colloquium on medieval sacred monody--- "Monodia sacra medieval"--in Lisbon and Evora, Portugal, 2-5 June 2005. (The panel: Bo Lawergren (New York), "The instruments of raigo images in Japan", Rembrandt Wolpert (Arkansas), "Tang-Chinese 'exotic' music as a vehicle for the export of religious ideas", Elizabeth Markham (Arkansas), "Medieval Chinese hymns in Japanese Buddhist liturgy")

Rembrandt Wolpert was the key-note speaker and Guest of the Sorbonne (Paris IV), IXth International CHIME Conference, "Musiques d'Asie orientale: Oralité et improvisation", 1-4 July, 2004.

Rembrandt Wolpert's "Tang Music" debut in Carnegie Hall (Isaac Stern Auditorium, April 10, 2005) "Auspicious Clouds Music", one of the most prestigious suites in the Court repertory of the Tang, was performed both according to his reconstruction from the earliest sources for lute by Wu Man as well as by Yo-Yo Ma and the Silk Road Ensemble as recently reused from his reconstruction for a film score for an NHK (Japan Broadcasting Corporation) Silk Road documentary by Zhao Jiping, perhaps best known as the composer of the music for "Farewell my Concubine".

OTHER LECTURES PAPERS AND ORAL PRESENTATIONS:

None

CREATIVE ENDEAVORS, CONCERTS, SHOWS, PERFORMANCES. (PLEASE SEE ALSO, IN THE SECTION ENTITLED “ACHIEVEMENTS IN RESEARCH” MANY FACULTY CONCERTS, LISTED IN DETAIL):

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
Degree recitals by students in music curricula
Non-degree recitals by students in music curricula
Faculty Recitals
Choral Concerts
Opera Productions
Schola Cantorum
Jazz Ensemble Concerts
University Symphony Orchestra Concerts
Wind Symphony Concerts
Symphonic Band Concerts
Concert Band Concerts
Inspirational Singers Concerts
Band Spectacular Concert
Percussion Ensemble Concerts
Football games for Men's Athletics
Basketball games for Men's and Women's Athletics
Volleyball games for Women's Athletics

PHILOSOPHY

BOOKS: 1

CHAPTERS: 1

REFEREED ARTICLES: 4

NONREFEREED PUBLICATIONS: 2

INVITED LECTURES: 3

OTHER LECTURES: 0

OTHER CREATIVE ENDEAVORS: 3 (BOOK REVIEWS)

PHYSICS

BOOKS OR BOOK CHAPTERS PUBLISHED:

“The Collected Papers of Albert Einstein Volume 9: The Berlin Years: Correspondence 1919–1920,” Robert Sculmann, Jzsef Illy, Daniel Kennefick, Tilman Sauer and Diana Kormos Buchwald, editors (Princeton University Press, 2004). This book came out in October of 2004.

“Astronomen Testen die Allgemeine Relativitaet: Lichtablenkung und Solare Rotverschiebung,” (Astronomers Test General Relativity: Light-bending and Solar Redshift), Daniel Kennefick in “Ingenieur des Universums, Albert Einstein: Hundert Autoren fuer Einstein,” Juergen Renn, editor (Wiley-VCH, Weinheim, 2005) pp 178-181.

REFEREED JOURNAL ARTICLES PUBLISHED:

“Atomistic simulations of the incipient ferroelectric KTaO_3 ,” A. R. Akbarzadeh, L. Bellaiche, Kevin Leung, Jorge Íñiguez, and David Vanderbilt, *Phys. Rev. B* **70**, 054103 (2004).

“Ultrathin Films of Ferroelectric Solid Solutions under a Residual Depolarizing Field,” Igor Kornev, Huaxiang Fu, and L. Bellaiche, *Phys. Rev. Lett.* **93**, 196104 (2004).

“Properties of $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$ ultrathin films under stress-free and open-circuit electrical boundary conditions, Emad Almahmoud, Yulia Navtsenya, Igor Kornev, Huaxiang Fu, and L. Bellaiche, *Phys. Rev. B* **70**, 220102 (2004).

“First Principles Study of Size Effect in BaTiO_3 Ultrathin Films,” Bo-Kuai Lai, Igor A. Kornev, L. Bellaiche and G. J. Salamo, *Mater. Res. Soc. Symp. Proc.* **881E**, CC5.10.1–CC5.10.6 (2005).

”Properties of Ferroelectric Ultrathin Films From First Principles,” Igor A. Kornev, Huaxiang Fu, and L. Bellaiche, *Journal of Materials Science* (March 2005); Note, this was an invited review for the Special Issue on *Frontiers of Research in Ferroelectricity*.

“Phase Diagrams of Epitaxial BaTiO_3 Ultrathin Films From First Principles,” Bo-Kuai Lai, Igor A. Kornev, L. Bellaiche and G. J. Salamo, *Applied Physics Letters* **86**, 132904 (2005).

“Morphotropic phase boundary of heterovalent perovskite solid solutions: Experimental and theoretical investigation of $\text{PbSc}_{1/2}\text{Nb}_{1/2}\text{O}_3\text{PbTiO}_3$,” R. Haumont, A. Al-Barakaty, B. Dkhill, J.M. Kiat and L. Bellaiche, *Physical Review B* **71**, 104106 (2005).

“Isostructural phase transitions in GaN/ScN and InN/ScN superlattices,” V. Ranjan, S. Bin-Omran, L. Bellaiche, and A. Alsaad, *Physical Review B* **71**, 195302 (2005).

“Unusual phase transitions in ferroelectric nanodisks and nanorods,” Ivan I. Naumov, L. Bellaiche, and Huaxiang Fu, *Letters to Nature* **432**, 737 (2004).

“Entangled and Disentangled Evolution for a Single Atom in a Driven Cavity,” J. Gea-Banacloche, T. C. Burt, P. R. Rice, and L. A. Orozco, *Phys. Rev. Lett.* **94**, 053603 (2005).

“Detection of Photothermal Deflection Signal with Conjugate Masks”, A. Sharma, G. Ycas, Z. Alahmed, and R. Gupta, *Applied Optics* **44**, 3110 (2005).

“Words Matter,” Art Hobson, *Forum on Education Newsletter*, Summer 2004, pp. 2–4.

“Theory of two-photon photothermal deflection spectroscopy in stationary and flowing media for arbitrary optical pulse length,” Z. Alahmed and R. Gupta, *Applied Physics B: Lasers and Optics* **79**, 741–749 (2004).

“Frame transformation relations for fluxional symmetric rotor dimmers,” H.T. Crogman and William G Harter, *J. Chem. Phys.* **121**, 9297–9312 (2004).

“New Times of Minima of Some Eclipsing Variables,” C.H.S. Lacy, *I.B.V.S.*, No. 5577 (2004).

“Absolute Properties of the Main-Sequence Eclipsing Binary Star V885 Cygni,” C.H.S. Lacy, L.P.R. Vaz, A. Claret, & J.A. Sabby, *Astronomical Journal*, **128**, 1324-1330 (2004).

“Absolute Properties of the Eclipsing Binary Star V459 Cassiopeiae,” C.H.S. Lacy, A. Claret, & J.A. Sabby, *Astronomical Journal*, **128**, 1340-1347 (2004).

“Absolute Properties of the Upper Main-Sequence Eclipsing Binary Star MU Cassiopeiae,” C.H.S. Lacy, A. Claret, & J.A. Sabby, *Astronomical Journal*, **128**, 1840-1846 (2004).

“Absolute Properties of the Eclipsing Binary Star V396 Cassiopeiae,” Claud H. Sandberg Lacy, Antonio Claret, Jeffrey A. Sabby, Ben Hood, and Florin Secosan, *Astronomical Journal* **128**, 3005–3011 (2004).

“Tuning In_{0.3}Ga_{0.7}As/GaAs multiple quantum dots for long-wavelength infrared detectors,” Y. C. Chua, E. A. Decuir, B. S. Passmore, K. H. Sharif, M. O. Manasreh, Z. M. Wang, G. J. Salamo, *Appl. Phys. Lett.* **85**, 1003 (2004).

“Anisotropic photoconductivity of InGaAs quantum dot chains measured by terahertz pulse spectroscopy,” D. G. Cooke, F. A. Hegmann, 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.* **85**, 3839 (2004).

“Ferromagnetism induced in diluted A_{1-x}Mn_xB semiconductors,” V.P. Bryksa, G.G. Tarasov, W.T. Masselink, W. Nolting, Yu.I. Mazur, G.J. Salamo, *Semiconductor Physics, Quantum Electronics and Optoelectronics* **7**, 43 (2004).

“Self assembled (In,Ga)As quantum structures on GaAs(411)A,” Sh. Seydmohamadi, Zh. M. Wang, G. J. Salamo, *J. Crystal Growth* **269**, 257 (2004).

- “Diluted magnetic A_{1-x}Mn_xB semiconductors,” V.P. Bryksa, G.G. Tarasov, W.T. Masselink, W. Nolting, Yu.I. Mazur, G.J. Salamo, **Semiconductor Physics, Quantum Electronics and Optoelectronics** **7**, 119 (2004).
- “Surface ordering of (In,Ga)As quantum dots controlled by GaAs substrate indexes,” Zh. M. Wang, Sh. Seydmohamadi, J. H. Lee, and G. J. Salamo, **Appl. Phys. Lett.** **85**, 5031 (2004).
- “Growth and characterization of InAs epitaxial layers on GaAs(111)B,” H. Wen, Zh. M. Wang, J. L. Shultz, B. L. Liang, and G. J. Salamo **Phys. Rev. B** **70**, 205307 (2004).
- “High anisotropy of lateral alignment in multilayered (In,Ga)As/GaAs(100) quantum dot structures,” Zh. M. Wang, H. Churchill, C. E. George, and G. J. Salamo, **J. Appl. Phys.** **96**, 6980 (2004).
- “Observation of stimulated emission in short-period quasi-indirect type-II GaAs/AlAs superlattices,” Xiaodong Mu, Yujie J. Ding, Zhiming Wang, Gregory J. Salamo, **Trends in Optics and Photonics 96/B** (Conference on Lasers and Electro-Optics, 2004), CThT39/1-CThT39/2, (2004).
- “Forming 2D a waveguide array in PR ferroelectric crystal,” Aqiang Guo, Yongan Tang, Baolai Liang, and Gregory J. Salamo, **Trends in Optics and Photonics 96/B** (Conference on Lasers and Electro-Optics, 2004), CFM4/1-CFM4/3, (2004).
- “Nonresonant tunneling carrier transfer in bilayer asymmetric InAs/GaAs quantum dots,” Yu. I. Mazur, Zh. M. Wang, G. G. Tarasov, G. J. Salamo, J. W. Tomm, V. Talalaev, and H. Kissel, **Phys. Rev. B** **71**, 235313 (2005).
- “Morphological instability of GaAs (7 1 1)A: A transition between (1 0 0) and (5 1 1) terraces,” V.R. Yazdanpanah, Zh.M. Wang, and G.J. Salamo, *Journal of Crystal Growth* **280**, 2 (2005).
- “Three-dimensional self-ordering in an InGaAs/GaAs multilayered quantum dot structure investigated by x-ray diffuse scattering,” D. Grigoriev, M. Schmidbauer, P. Schafer, S. Besedin, Yu. I. Mazur, Zh. M. Wang, G. J. Salamo, and R. Kohler, *J. Phys. D: Appl. Phys.* **38**, A154–A159 (2005).
- “Self-assembly of GaAs holed nanostructures by droplet epitaxy,” Zhiming M. Wang, Kyland Holmes, John L. Shultz, and Gregory J. Salamo, *Phys. Stat. Sol. (a)* **202**, R85–R87 (2005).
- “Surface dynamics during molecular-beam epitaxy of (In,Ga)As on GaAs(331)B: Formation of quantum wires with low In content,” Zh. M. Wang, Sh. Seydmohamadi, V. R. Yazdanpanah, and G. J. Salamo, *Phys. Rev. B* **71**, 165315 (2005).
- “RHEED study of GaAs(3 3 1)B surface,” V.R. Yazdanpanah, Zh.M. Wang, Sh. Seydmohamadi, and G.J. Salamo, *Journal of Crystal Growth* **277**, 72 (2005).

“Orientation dependence behavior of self-assembled (In,Ga)As quantum structures on GaAs surface,” Sh. Seydmohamadi, Zh. M. Wang, G. J. Salamo, *Journal of Crystal Growth* **275**, 410 (2005).

“Selective etching of InGaAs/GaAs(100) multilayers of quantum-dot chains,” Zh. M. Wang, L. Zhang, K. Holmes, and G. J. Salamo, *Appl. Phys. Lett.* **86**, 143106 (2005).

“Evidence of Strong Phonon-Assisted Resonant Intervalley Up-Transfer for Electrons in Type-II GaAs–AlAs Superlattices,” Xiaodong Mu, Yujie J. Ding, Zhiming Wang, and Gregory J. Salamo, *IEEE J. Quantum Electronics* **41**, 337 (2005).

“Evolution Of Elongated (In,Ga)As/GaAs(100) Island with Low Indium Content,” S. O. Cho, Zh. M. Wang, and G. J. Salamo, *Appl. Phys. Lett.* **86**, 113106 (2005).

“Interdot carrier transfer in asymmetric bilayer InAs/GaAs quantum dot structures,” Yu. I. Mazur, Zh. M. Wang, G. G. Tarasov, M. Xiao, G. J. Salamo, J. W. Tomm, V. Talalaev, and H. Kissel, *Appl. Phys. Lett.* **86**, 63102 (2005).

“Resonant Raman Scattering and Atomic Force Microscopy of InGaAs/GaAs Multilayer Nanostructures with Quantum Dots,” M.Ya. Valakh, V.V. Strelchuk, A.F. Kolomys, Yu.I. Mazur, Z.M. Wang, M. Xiao, and G.J. Salamo, *Semiconductors* **39**, 127–131 (2005).

“Phonon-Assisted Up-Transfer for Electrons in Type-II GaAs/AlAs Superlattices,” Xiaodong Mu, Yujie J. Ding, Zhiming Wang, and Gregory J. Salamo, *Laser Physics* **15**, 225-232 (2005).

“E-Beam Evaporated Cobalt Films on MBE Prepared GaAs(001),” Z. Ding and P. M. Thibado, C. Awo-Affouda and V. P. LaBella, *J. Vac. Sci. Technol. B*, **22** 2068 (2004).

“Optimization of an Erbium-Doped Fiber Amplifier with Radial Effects”, C. Cheng and **Min Xiao**, *Optics Communications*, 2005. (Available online June 29, 2005).

“Dark-State Polaritons Using Spontaneously Generated Coherence”, A. Joshi and **Min Xiao**, *Euro. Phys. J. D*, accepted, 2005. (Published online first on June 14, 2005).

“Photoluminescence from Colloidal CdS/CdSe/CdS Quantum Wells”, J. Xu, D. Battaglia, X. Peng and **Min Xiao**, *J. of Opt. Soc. Am. B* **22**, 1112 (2005).

“Generalized Dark-State Polaritons for Photon Memory in Multi-Level Atomic Media”, A. Joshi and **Min Xiao**, *Phys. Rev. A* **71**, Rapid Communications, 041801(R) (2005).

“All-Optical Switching and Routing Based on an Electromagnetically Induced Absorption Grating”, A. Brown and **Min Xiao**, *Opt. Lett.*, **30**, 699 (April 2005).

“Dynamical Hysteresis in a Three-Level Atomic System”, A. Joshi, W. Yang, and **Min Xiao**, *Opt. Lett.*, **30**, 905 (2005).

“Suppression of radiative decay of CdTe quantum dots in a photonic crystal with a pseudogap,” Jia-Yu Zhang, Xiao-yong Wang, Yong-Hong Ye, and Min Xiao, *Journal of Modern Optics* **51**, 2493–2501 (2004).

“Modulation transfer in an electromagnetically induced transparency system,” Andy W. Brown, and Min Xiao, *Phys. Rev. A* **70**, 053830 (2004).

“Hysteresis loop with controllable shape and direction in an optical ring cavity,” Amitabh Joshi, Wenge Yang, and Min Xiao, *Phys. Rev. A* **70**, 041802 (2004).

“A Simple Method for Frequency Locking of the Extended Cavity Diode Laser”, W. Yang, A. Joshi, H. Wang, and **Min Xiao**, *Applied Optics*, **43**, 5547 (2004)

“Vacuum Rabi Splitting for Multilevel Electromagnetically Induced Transparency System”, A. Joshi and **Min Xiao**, *Euro. Phys. J. D* **30**, 431 (2004).

“Enhancement of Cavity Ringdown Effect Based on Electromagnetically Induced Transparency”, W. Yang, A. Joshi, and **Min Xiao**, *Opt. Lett.*, **29**, 2133 (2004).

“Atomic-coherence effect on the Jaynes-Cummings model with atomic motion,” Amitabh Joshi and Min Xiao, *J. Opt. Soc. Am. B: Optical Physics* **21**, 1685–1692 (2004).

“Controlling dynamic instability of three-level atoms inside an optical ring cavity,” Wenge Yang, Amitabh Joshi, and Min Xiao, *Phys. Rev. A* **70**, 033807 (2004).

“Optical Bistability in a Three-Level Semiconductor Quantum-Well System”, A. Joshi and **Min Xiao**, *Applied Physics B* **79**, 65 (2004).

ARTICLES IN CONFERENCE PROCEEDINGS:

(Only three conference proceedings follow. Most of our faculty do not publish in these. Refereed conference proceedings, such as the MRS meeting proceedings are listed in above, and invited and contributed talks, the abstracts of which are published in proceedings, are listed below.)

“Conditional measurements as probes of quantum dynamics,” S. Singh and R. Vyas, invited paper in *Fluctuations and Noise in Photonics and Quantum Optics III, Third SPIE International Symposium on Fluctuations and Noise*, Austin, TX, 23–26 May 2005.

“Intersubband transitions in In_{0.3}Ga_{0.7}As/GaAs multiple quantum dots of varying dot-sizes,” Y. C. Chua, Jie Liang, B. S. Passmore, E. A. DeCuir, M. O. Manasreh, Zhiming Wang, and G. J. Salamo, *Mater. Res. Soc. Symp. Proc.* **829**, 15–20 (2005).

“Controlling (In,Ga)As Quantum Structures on High Index GaAs Surfaces,” Sh. Seydmohamadi, H. Wen, Zh.M. Wang, and G.J. Salamo, *Mater. Res. Soc. Symp. Proc.* **849**, KK1.8.1–KK1.8.6 (2005).

INVITED LECTURES (ONLY A PARTIAL LIST FOLLOWS):

“Properties of Ferroelectric Thin Films from First-Principles,” L. Bellaiche, colloquium at Ecole Centrale; Paris (France), June 22, 2004.

“Morphotropic phases in $\text{PbSc}_{1/2}\text{Nb}_{1/2}\text{O}_3\text{-PbTiO}_3$ in bulk and thin film: Correlation between chemical disorder and polar ordering,” invited presentation at the 20th General Conference of the Condensed Matter Division of the European Physical Society, Prague, Czech Republic; July 19-23, 2004; presented by J.M. Kiat.

“Properties of Ferroelectric Nanostructures From First-Principles,” Laurent Bellaiche, invited presentation at the XIII International Materials Research Congress, Cancun (Mexico), August 23–24, 2004.

“Unusual phase transition in alloys of ScN/GaN and ScN/InN”, invited presentation at the ACM Midwest Regional Meeting; Manhattan, Kansas, October 20–22, 2004; given by V. Ranjan.

“Building the next nanowonders from scratch,” Laurent Bellaiche, invited presentation at the 42nd annual New Horizons in Science Briefing, Fayetteville (AR), November 7–10, 2004.

”Building nanowonders from scratch,” Laurent Bellaiche, invited colloquium at Waseda University; Tokyo Japan, March 15, 2005.

”Study of complex ferroelectrics from first-principles,” Laurent Bellaiche, invited presentation at the Japanese Physical Society meeting; Chiba, Japan, March 19, 2005.

“First-principle study of ferroelectrics under finite electric fields,” Huaxiang Fu, invited talk at “Future Directions in Materials for Electromechanical Transducers”, (Washington DC, July, 2004).

“Ferroelectricity in bulk and nanoscale materials, Huaxiang Fu, colloquium presented at the University of Arkansas Physics Department, October 22, 2004“

Entanglement and fluctuations in cavity quantum electrodynamics,” J. R. Gea-Banacloche, P. R. Rice, L. A. Orozco, SPIE Conference on Fluctuations and Noise 2005, May 23–26, Austin, TX.

“Timeout for Euclid, Einstein, and Evenson: Occam’s Razor Connects Relativity and Quantum Theory,” William Harter, REU-Faculty Symposium, NASA Glenn Cleveland OH, July 5–8, 2004.

“Spectra and dynamics on body frame rotational energy surfaces for gyro-rotor molecules,” William Harter, 60th Molecular Spectroscopy Symposium, Columbus, Ohio, July 16–21, 2004.

“Einstein: From Relativity to Celebrity.” The Einstein Papers Project, Participants: Jeroen van Dongen, Associate Editor; Daniel J. Kennefick, Scientific Editor; Tilman Sauer, Senior Scientific Editor; Diana K. Buchwald, General Editor, invited presentation at the HGR7: Seventh International Conference on the History of General Relativity, La Orotava, Tenerife, Spain, March 9–15, 2005.

“Who is Afraid of Referees? Einstein, Rosen, and the Physical Review,” invited presentation by Daniel Kennefick at “Einstein in Princeton—EPR and Some Fruitful Errors,” Einsteinjahr-Conference at the Wissenschaftskolleg zu Berlin on June 17, 2005 [This was a special one-day seminar organized by “Some Institutes for Advanced Study,” an umbrella group of Institutes including the IAS in Princeton, and held at the Berlin Institute for Advanced Study.]

“Single DNA and Molecule Analysis with a Solid State Nanopore Sensor,” Jiali Li, Agilent Technologies, March 25, 2005. Palo Alto, CA.

“Nanopore Sculpting and Sensing-Single DNA and Protein Analysis,” Jiali Li, Harvard University, June 24, 2005. Cambridge, MA.

“Three's a Crowd,” invited presentation given by Mike Lieber at the Physics Department, Western Kentucky University, Bowling Green, KY, April 4, 2005.

“Domain evolution of epitaxial $\text{PbZr}_{0.5}\text{Ti}_{0.5}\text{O}_3$ ultrathin films under electric field,” invited presentation by Bo-Kuai Lai, I. Ponomareva, I. Naumov, I. A. Kornev, H. Fu, L. Bellaiche, and G. J. Salamo, 2005 US Army Workshop: “Advanced Active Thin Films Materials for The Next Generation of Meso - Micro Scale Army Applications,” Destin, FL (2005).

“Conditional measurements as probes of quantum dynamics,” Surendra Singh and Reeta Vyas, Third SPIE International Symposium on Fluctuations and Noise, Austin, TX, May 23–26, 2005.

“APDL, a part of the National Science Digital Library,” invited presentation by Gay Stewart, 3rd National Forum on Advanced Placement, Washington D.C., July 2004.

“AP Physics, Meet the Development Committee,” invited presentation by Gay Stewart, 3rd National Forum on Advanced Placement, Washington D.C., July 2004.

“Intro Courses that Entice Majors and Improve Student Performance,” invited paper by Gay Stewart at the APS April Meeting, Denver, CO, April 2004.

“Better Prepared Teachers, How do we know?,” Donna Owen, Jean Dockers and Gay Stewart, invited presentation at the APS April Meeting, April 16–19, 2005, Tampa, Florida.

“Title,” Min Xiao, XXXV Winter Colloquium on the Physics of Quantum Electronics, Snowbird, UT, January 3–7, 2005.

Several other invited lectures not listed here were also given by physics faculty during AY 2004–2005.

CONTRIBUTED LECTURES AND PRESENTATIONS:

(Only a partial list follows as many of our faculty do not keep track of these)

“Isostructural phase transitions in GaN/ScN and InN/ScN superlattices,” V. Ranjan, S. Bin-Omran, L. Bellaiche, and Ahmad Al-Saad, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Finite-temperature properties of ferroelectric PZT ultrathin films near the morphotropic phase boundary,” Igor Kornev, Huaxiang Fu, and Laurent Bellaiche, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Effective Hamiltonian modeling of ferroelectric ultra-thin films,” Inna Ponomareva, Ivan Naumov, Igor Kornev, Huaxiang Fu, and Laurent Bellaiche, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Finite Temperature Properties of KTaO_3 Thin Films from First-Principles,” Alireza Akbarzadeh, Laurent Bellaiche, Kevin Leung, Jorge Iniguez, and David Vanderbilt, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Toroid-moment phase transition in nano-sized ferroelectric particles,” I. Naumov, L. Bellaiche, and H. Fu, presented at *Fundamental Physics of Ferroelectrics 2005*, Williamsburg, Virginia, February 6–9, 2005.

“Phonon in SrTiO_3 under finite electric fields,” I. Naumov and H. Fu, presented at *Fundamental Physics of Ferroelectrics 2005*, Williamsburg, Virginia, February 6–9, 2005.

“Ferroelectric nanowires: quasi-long range ordering and piezoelectric properties,” I. Naumov and H. Fu, presented at *Fundamental Physics of Ferroelectrics 2005*, Williamsburg, Virginia, February 6–9, 2005.

“Mechanical and electronic properties of organic-inorganic hybrid semiconductor $\text{ZnSe}(\text{C}_2\text{H}_8\text{N}_2)_{1/2}$,” A. Nazzal and H. Fu, presented at the APS March Meeting, Los Angeles, California, March 21–25, 2005.

“Phonons in SrTiO_3 under finite electric fields,” I. Naumov and H. Fu, presented at the APS March Meeting, Los Angeles, California, March 21–25, 2005.

“A two reservoir model of quantum error correction,” James Clemens and Julio Gea-Banacloche, presented at the 2005 meeting of the Division of Atomic, Molecular and Optical Physics at Lincoln, Nebraska, May 17–21, 2005.

“Constraints for quantum logic arising from conservation laws and field fluctuations,” Julio Gea-Banacloche and Masanao Ozawa, presented at the 2005 meeting of the Division of Atomic, Molecular and Optical Physics at Lincoln, Nebraska, May 17–21, 2005.

“Entanglement evolution in cavity QED,” D.L. Freimund, M.L. Terraciano, R. Olson, L.A. Orozco, P.R. Rice, and J. Gea-Banacloche, presented at the 2005 meeting of the Division of Atomic, Molecular and Optical Physics at Lincoln, Nebraska, May 17–21, 2005.

“Time Evolution of Entanglement: An Example in Cavity QED,” M. L. Terraciano, D. Freimund, L. A. Orozco, P. R. Rice, J. Gea-Banacloche, presented at the 2005 Quantum Electronics and Laser Science Conference (QELS), May 22-27 2005, Baltimore, MD.

“Simultaneous Measurement of Absolute OH Concentration, Temperature, and Flow-velocity in a Flame by Photothermal Spectroscopy”, Y. Li and R. Gupta, 30th International Symposium on Combustion, University of Illinois-Chicago, July 2004.

“Detection of Unburned Methane in a Flame by Photothermal Spectroscopy”, Y. Li and R. Gupta, 30th International Symposium on Combustion, University of Illinois-Chicago, July 2004.

“Optical Frames and Coherent Compton Acceleration,” Bill Harter, APS DAMOP Conference, Lincoln NB, May 17–21, 2005.

“Optical Frames and Coherent Compton Acceleration,” Bill Harter, Atomic Physics Gordon Conference, Tilton, NH, June 26–July 1, 2005.

“Comments on Sustainability,” Art Hobson, *Teachers Clearinghouse Newsletter*, July 2004, pp. 10–11.

“The population game: a socially significant laboratory activity,” National Summer AAPT Meeting, Sacramento, CA, August 2004.

“Electrons as field quanta: straightforward approach to teaching quantum physics,” Art Hobson, National Summer AAPT Meeting in Sacramento, CA, August 2004.

“Teaching about nuclear weapons,” Art Hobson, National Summer AAPT Meeting in Sacramento, CA, August 2004.

“Not only Because of Theory: Eddington, Dyson and the Question of Bias in the Analysis of the 1919 Eclipse Expeditions Light-Bending Data,” Daniel Kennefick, presented at HGR7: Seventh International Conference on the History of General Relativity, La Orotava, Tenerife, Spain, March 9–15, 2005.

“Single Protein Structural Analysis with a Solid-state Nanopore Sensor,” Jiali Li, Jene Golovchenko, David McNabb, Brian Thomas, and Brad Ledden, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“PH Dependence of Single DNA Molecules Translocation through a Nanopore Device,” Daniel Fologea, James Uplinger, David McNabb, Jene Golovchenko, and Jiali Li, *Bulletin of the American Physical Society*, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Ion Beam Energy Dependant Study of Nanopore Sculpting,” Brad Ledden, Eric Krueger, and Jiali Li, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Voltage and Viscosity Dependant DNA Translocation Through Solid State Nanopores,” James Uplinger, Brian Thomas, Daniel Fologea, and Jiali Li, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Nanopore Sculpting with Low Energy Ion Beam of Noble Gases,” Qun Cai, Brad Ledden, Eric Krueger, Jene Golovchenko, and Jiali Li, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Phase diagrams of epitaxial BaTiO₃ ultrathin films developed from first principles,” Bo-Kuai Lai, I. A. Kornev, L. Bellaiche, and G. J. Salamo, 2005 Workshop on the Fundamental Physics of Ferroelectrics, Williamsburg, VA (2005).

“Phase diagrams of epitaxial BaTiO₃ ultrathin films developed from first principles,” Bo-Kuai Lai, Igor A. Kornev, L. Bellaiche, and G. J. Salamo, MRS Spring, San Francisco, CA. (2005).

“Intersubband transitions in In_{0.3}Ga_{0.7}As/GaAs multiple quantum dots of varying dot-sizes,” Y. C. Chua, Jie Liang, B. S. Passmore, E. A. DeCuir, M. O. Manasreh, Zhiming Wang, and G. J. Salamo, Mater. Res. Soc. Symp. Proc. **829**, 15–20 (2005).

“Controlling (In,Ga)As Quantum Structures on High Index GaAs Surfaces,” Sh. Seydmohamadi, H. Wen, Zh.M. Wang, and G.J. Salamo, Mater. Res. Soc. Symp. Proc. **849**, KK1.8.1–KK1.8.6 (2005).

“Experimental investigations of nonlinear dynamics in a pump modulated Nd:Yag laser,” Fluctuations and Noise, Austin TX, May 23–26, 2005.

Chair of the session on: “Fluctuations and Noise in Photonics and Quantum Optics III.” at the Third SPIE International Symposium on Fluctuations and Noise, Surendra Singh, Austin, TX, May 23–26, 2005.

“Combining Programs to Benefit Current & Future K-12 Science Teachers,” Gay Stewart, APS April Meeting, Tampa, Florida, April 16–19, 2005.

“Applying Socratic Method to Physics Education,” Ed Corcoran, Gay Stewart and John Stewart, APS April Meeting, Tampa, Florida, April 16–19, 2005.

“Using Language Frequency Measurements to Understand Learning in Introductory Science Classes,” James Roller, John Stewart and Gay Stewart, APS April Meeting, Tampa, Florida, April 16–19, 2005.

“Teacher Professional Development in the Sciences,” Gay Stewart, AP Biology Redesign Committee/NSF Advisory Committee Meeting, New York, NY, April 29–May 1, 2005.

“Conditional detection of second harmonic generation,” J. Vines, A. Basu, and Reeta Vyas, Joint Laser Science and OSA Annual Meeting, Rochester, New York, October, 2004.

“Waiting time distribution for the homodyne photodetection of the degenerate optical parametric oscillator,” S. Banerjee, A. Mitra, Reeta Vyas, and S. Singh, Joint Laser Science and OSA Annual Meeting, Rochester, New York, October, 2004.

“Quantum fluctuations in second harmonic generation,” Justin Vines, Reeta Vyas, and Surendra Singh, Arkansas Undergraduate Research Conference, Arkadelphia, AR. April 22–23, 2005.

“Properties of laser beams with different symmetries,” Lynn Endicott and Reeta Vyas, Arkansas Undergraduate Research Conference, Arkadelphia, April 22–23, 2005.

“Quantum fluctuations of light generated in parametric interactions,” R. Vyas and S. Singh, Fluctuations and Noise in Photonics and Quantum Optics III, Third SPIE International Symposium on Fluctuations and Noise, Austin, TX, 23–26 May 2005.

“Lasing in the Random Medium of Colloidal CdS/CdSe/CdS Quantum-Well Structure,” Jianfeng Xu and Min Xiao; 2005 CLEO/QELS (Conference on Lasers and Electro-Optics/Quantum Optics and Laser Science Conference), May 22–27, 2005, Baltimore, MD.

“Chaotic Behaviors in Three-Level Atomic Optical Bistability System,” Wenge Yang, Amitabh Joshi, and Min Xiao; 2005 CLEO/QELS (Conference on Lasers and Electro-Optics/Quantum Optics and Laser Science Conference), May 22–27, 2005, Baltimore, MD.

“Enhanced Phonon-Assisted Absorption of InGaAs Quantum Dots Confined in a Planar Microcavity,” Xiaoyong Wang, Chih-Kang Shih, Jiayu Zhang, Wenquan Ma, Gregory J. Salamo, and Min Xiao; 2005 CLEO/QELS (Conference on Lasers and Electro-Optics/Quantum Optics and Laser Science Conference), May 22–27, 2005, Baltimore, MD.

“Ultrafast carrier capture dynamics in laterally ordered InGaAs/GaAs quantum wires,” F.A. Hegmann, D.G. Cooke, Yu.I. Mazur, W.Q. Ma, X. Wang, Z.M. Wang, G.J. Salamo, M. Xiao, G.D. Lian, J. Kaey, and M.B. Johnson, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Fabrication and Characterization of Free-Standing Silicon Nano-Meshes,” M. E. Curtis, P. R. Larson, J. C. Keay, M. Keil, X. Wang, M. Xiao, and M. B. Johnson, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Photoluminescence from Colloidal CdS/CdSe/CdS Quantum Wells,” Jianfeng Xu, David Battaglia, Xiaogang Peng, and Min Xiao, Bulletin of the American Physical Society, APS March Meeting, Los Angeles, CA, March 21–25, 2005.

“Phase Gates With Four-Level Inverted-Y System,” Amitabh Joshi and Min Xiao; 2005 CLEO/QELS (Conference on Lasers and Electro-Optics/Quantum Optics and Laser Science Conference), May 22–27, 2005, Baltimore, MD.

Many other contributed lectures and presentations not listed here were also given by physics faculty during AY 2004–2005. Several of our very prolific faculty members no longer keep records on invited and contributed talks by members of their groups.

OTHER PUBLICATIONS AND CONTRIBUTIONS:

Numerous faculty reports to funding agencies and posters and presentations at local, state, and national meetings were made during AY 2004–2005. A very small sample follows.

“Editorial Section” every second Saturday in *Northwest Arkansas Times*, Emeritus Professor Art Hobson, usually about a science-related societal topic, sometimes about pure science.

Book Reviews Editor for *Physics & Society*, the newsletter of the APS Forum on Physics and Society, Emeritus Professor Art Hobson.

“The wave function and reality,” Letter by Art Hobson, *Am. J. Phys.*, **73** 197, (March 2005).

Review of *Population and its Discontents*, in the newsletter: *Forum on Physics & Society* of the American Physical Society, by Art Hobson, April 2005.

Emeritus Professor Art Hobson was the Moderator for Robert Redford's speech about the environment and other topics in Barnhill Fieldhouse, May 5, 2005.

Book review of *Science Literacy for the 21st Century*, in *Perspectives In Physics*, **6** 365, (2004)

“Economics as if Earth Mattered,” Art Hobson, originally appeared as an article in the *Northwest Arkansas Times*, was reprinted in *Teachers Clearinghouse Newsletter*, Fall 2004, pp. 1–9.

Review of “Population and Its Discontents,” a special issue of *Worldwatch* magazine, in *Teachers Clearinghouse Newsletter*, Art Hobson, Fall 2004, pp. 22–23.

POLITICAL SCIENCE

BOOKS PUBLISHED:

Andrew Dowdle, *American Politics: Transformation and Change*, editor, (Boston: Pearson Custom Publishing) 2004.

Kenneth Hansen, *The Greening of Pentagon Brownfields: Using Environmental Discourse to Redevelop Former Military Bases*, (Lanham, MD: Lexington Books) 2004.

Todd Shields, Donald Kelley, Jeannie Whayne, eds. *The Clinton Riddle: Perspectives on the 42nd President*, (Fayetteville, AR: University of Arkansas Press) 2004.

Ka Zeng, *Trade Treats, Trade Wars: Bargaining, Retaliation, and American Coercive Diplomacy*, (Ann Arbor: University of Michigan Press) 2004

CHAPTERS PUBLISHED:

Najib Ghadbian, "The Syrian-Israeli Negotiations: Progress and Missed Opportunities," in *History in Dispute: The Middle East Since 1945*, David W. Lesch, ed. (Columbia, SC: Manly, 2003/Farmington Hills, ME: St. James Press, 2004), Volume 14 Second Series,

Margaret F. Reid, "Institutionalizing an Ethic of Change: Responding to Dilemmas of Massive Transformations in *Eastern Germany*, in *Bureaucratic, Societal, and Ethical Transformations of the former East Germany*, Jean Claude Garcia Zamor, ed. (Lanham, Maryland, University Press of America), 2004, PP. 175-198.

William Schreckhise, "Life after Moot Court," in *How to Please the Court: A Moot Court Handbook*, Paul I. Weizer, editor (New York: Peter Lang)

Todd Shields, Donald Kelley, Jeannie Whayne, "President Clinton: A Pragmatic and Defensive Player," in *The Clinton Riddle: Perspectives on the 42nd President*, Todd Shields, Donald Kelley, Jeannie Whayne, eds. (Fayetteville, AR: University of Arkansas Press) 2004, pp. 229-252.

ARTICLES PUBLISHED:

M. Allen, M. Reid, C. Riemenschneider, "The Role of Laughter when Discussing Workplace Barriers: Women in Information Technology Jobs," *Sex Roles: A Research Journal*, 50, 3/4:177-189.

Najib Ghadbian, "Europa a Blizky Vychod (Europe and the Middle East), Translated by Lucia Najslova, *Listy SFPA* (Slovakian Foreign Policy Magazine, Vol. VIII, June 2004 (Slovakian).

Kenneth Hansen and William Schreckhise, "Balancing the Green and the Gold in the Natural State: Economic Growth, Environmental Protection and the Determinants of Citizen Trust in Arkansas," *The American Review of Politics*, 25, Spring/Summer 2004.

Will Miller, Brinck Kerr, Margaret Reid, "Sex-Based Glass Ceiling in U.S. State Level Bureaucracies, 1987-1998," *Administration & Society* (September 2004) 36:377-405.

Jeffrey Ryan, "Decentralization & Democratic Instability: The Case of Costa Rica," *Public Administration Review*, 64:81-91 (January/February 2004).

William Schreckhise, "Administrative Law Judges and Agency Adjudication," *Encyclopedia of Public Administration and Public Policy*, Jack Rabin, editor, (New York: Marcel Dekker)

Ka Zeng, "Maoyi Jiegou yu Meiguo Danbian Weihexing, Maoyi Zhengce de Sixiaoxing" ("Trade Structure and the Effectiveness of U.S. Coercive Trade Policy") *World Economics and Policy* 4 (2004), 56-61.

OTHER ARTICLES:

Najib Ghadbian, "The US Initiative for the Greater Middle East," Al-Jazeera.net. February 24, 2004 (Arabic). (OP-ED Essay).

Najib Ghadbian, "The Arab Initiative for Reform; Suggestions & Requirements," Al-Jazeera.net. March 20, 2004 (Arabic). (OP-ED Essay).

Najib Ghadbian, "Reading in the 9/11 Commission Report," Al-Jazeera.net. July 27, 2004 (Arabic). (OP-ED Essay)

Najib Ghadbian, "American Pressures on Syria," Al-Jazeera.net. October 30, 2004 (Arabic). (OP-ED Essay)

PAPERS PRESENTED AT CONFERENCES AND OTHER SEMINARS:

Andrew Dowdle, "Overcoming the Pitfalls of Forecasting Presidential Nominations", paper presented at the Annual Meeting of the Southern Political Science Association, New Orleans, Louisiana, January 2004.

Deborah Armstrong, Cynthia Riemenschneider, Myria Allen, Margaret Reid, "Voluntary Turnover and Women in IT: A Cognitive Study of Work-Family Balance," paper presented at the Fourth Annual SGI IS-CORE Cognitive Research Workshop, November, 2004.

Najib Ghadbian, "The Secular States and Their Prospects: Egypt, Syria & Jordan," A New Middle East? The War on Terror and Its Regional Impact, Foreign Policy Research Institute Conference, Bryn Mawr, Pennsylvania, October 16, 2004.

Najib Ghadbian, "Old Guard Frost Nips Damascus Spring," Middle East Studies Association Meeting, San Francisco, California, November 2004.

Najib Ghadbian, "Islamists & Democracy," Islam & Democracy: The Experiment of Bahrain, Manama, Bahrain, December 6, 2004.

Will Miller and H.C. Felix, "Sources of Information and the Development of Health Policy: Preliminary Results of a Survey of Arkansas Legislators," paper presented at the 132nd Annual Meeting APHA, Washington, D.C. November 2004.

Janine A. Parry, Jay Bath, Martha Kropf, and Terry Jones, "Giving the People What They Want: The Importance of Synchronicity between Desired Political Communication and Campaign Activity

in Shaping Voter Turnout," paper presentation at the Annual Meeting of the International Society of Political Psychology, Lund, Sweden, July, 2004.

Janine A. Parry, Terry Jones, Martha Kropf, and Jay Barth, "Going Negative in Competitive U.S. Senate Elections: Who Notices and So What?" poster presentation at the Annual Meeting of the American Political Science Association, Chicago, Illinois, September 2004.

Margaret F. Reid, "Governing in the New Service Environment: Between Hierarchies and Networks" paper presentation at the City Futures International Conference, Chicago, Illinois, July 2004.

Margaret F. Reid, "Public Nonprofit Partnerships and the Privatization of Civic Spaces: Challenges for Newly Forming Public Administration Programs" paper presentation at the Nonprofit Management Education section of the 2004 NASPAA Annual Conference, Indianapolis, Indiana, October 2004.

Cynthia Riemenschneider, Deborah Armstrong, Myria Allen, Margaret Reid, "What I'm Not Willing to Share: A Discussion of Turnover and Barriers to Promotion with Women IT Workers, Proceedings of the Tenth Americas Conference on Information Systems, New York, New York, August, 2004, pp. 1238-1244.

Jeffrey Ryan, "State Terrorism & Unlearning Democracy in Uruguay," paper presentation at the Latin American Studies Association, Las Vegas, Nevada, October 2004.

PSYCHOLOGY

BOOKS:

Beike, D.R., Lampinen, J.M. & Behrend D.A. (Eds.) (2004). The Self and Memory. Psychology Press.

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

BOOK CHAPTERS:

Behrend, D.A., & Scofield, J. (2005, forthcoming). Verbs, actions, and intentions. In R. Golinkoff & K. Hirsh-Pasek (Eds.), *When Action Meets Word*. Oxford University Press.

Beike, D.R. , Kleinknecht, E.K. & Wirth-Beaumont, E.T. (2004). How emotional and unemotional memories define the self. In D. R. Beike, J. M. Lampinen, & D.A. Behrend (Eds.) *The self and memory* (pp. 141-159). New York: Psychology Press.

Beike, D. R., Lampinen, J. M. & Behrend, D. A. (2004). Evolving conceptions of the self and memory. In D. R. Beike, J. M. Lampinen, & D. A. Behrend (Eds.), *The self and memory* (pp.309). New York: Psychology Press.

Lampinen, J. M., Beike, D.R. & Behrend, D. A. (2004). The self and memory: It's about time. In D. R. Beike, J. M. Lampinen, & D. A. Behrend (Eds.), *The self and memory* (pp. 227-253) New York: Psychology Press.

Bering, J. M. (2005). The evolutionary history of an illusion: Religious causal beliefs in children and adults. In B. Ellis & D. Bjorklund (Eds.), *Origins of the social mind: Evolutionary psychology and child development* (pp. 411-437). New York: Guilford Press.

Bering, J. M., & Povinelli, D. J. (2003). Comparing cognitive development. In D. Maestriperieri (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.

Bjorklund, D. F., & **Bering, J. M.** (2002). Milestones in development. In N. J. Salkind & L. Margolis (Eds.) *Child development, Vol. 1, in Macmillan Psychology Reference Series* (pp. 272-275). Farmington Hills, MI: Macmillan.

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

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

Williams, N. L., Reardon, J. M., Murray, K. T., & Cole, T. (2005). Anxiety Disorders: A developmental vulnerability-stress perspective. In B. L. Hankin and J. R. Z. Abela (Eds.), *Development of psychopathology: A vulnerability-stress perspective*. Sage Publications.

Cavell, T. A. (2005) Parent training. In A. M. Gross & R. S. Drabman (Eds.), *Encyclopedia of behavior modification and cognitive behavior therapy. Vol. 2 – Child clinical applications*. Thousand Oaks, CA: Sage Publications.

Cavell, T. A. & Smith, A. M. (2005) Mentoring children. In D. L. DuBois & M. J. Karcher (Eds.), *Handbook of Youth Mentoring*. Thousand Oaks CA: Sage Publications.

Petretic-Jackson, P. & Jackson, T. (2004) Working with domestic violence: The impact of client characteristics and therapist variables. In T. Jackson and Vandecreek), *Violence in America: From terrorism to bullying. Innovations in Clinical Practice, Vol 21A*, Sarasota, FL: Professional Resource Press

Riskind, J.H., & **Williams, N. L.** (2005). A unique vulnerability common to all anxiety disorders: The looming maladaptive style. In L. B. Alloy & J. H. Riskind (Eds.), *Cognitive vulnerability to emotional disorders*. New York: Earlbaum.

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Kleinknecht, E. K. & **Beike, D. R.** (2004). How knowing and doing inform an autobiography: Relations among preschoolers' theory of mind, narrative, and event memory skills. *Applied Cognitive Psychology, 18*, 745-764.

Bering, J. M. & Shackelford, T. K. (2004). A critical review of the 'enculturation hypothesis': The effects of human rearing on great ape social cognition. *Animal Cognition, 7*, 201-212.

Bering J. M. (2004) Natural selection is non-denominational: Why evolutionary models of religion should be more concerned with behavior than concepts. *Evolution and Cognition, 10*, 126-137.

Bering, J. M. (2004) Consciousness was a 'trouble-maker': On the general maladaptiveness of unsupported higher-order mental representation. *Journal of Mind and Behavior, 25*, 33-56.

Bering, J. M. & Bjorklund, D. F. (2004) The natural emergence of reasoning about the afterlife as a developmental regularity. *Developmental Psychology, 40*, 217-233.

Heidgerken, A. D., Hughes, J. N., **Cavell, T. A.** & Willson, V. L. (2004). Direct and indirect effect of parenting and children's goals on child aggression. *Journal of Clinical Child and Adolescent Psychology, 33*, 684-693.

Hughes, J. N., Meehan, B. T. & **Cavell, T. A.** (2004). Development and validation of a gender-balanced measure of aggression-relevant social cognition. *Journal of Clinical Child and Adolescent Psychology, 33*, 292-302.

Bering, J. M., & Shackelford, T. K. (2004). The causal role of consciousness: A conceptual addendum to human evolutionary psychology. *Review of General Psychology, 8*, 227-248.

Lampinen, J.M., Odegard, T. N. & Neuschatz, J.S. (2004). Robust recollection rejection in the memory conjunction paradigm. *Journal of Experimental Psychology: Learning, Memory and Cognition, 30*, 332-342.

Odegard, T.N. & **Lampinen, J.M.** (2004). Memory conjunction errors for autobiographical events: More than just familiarity. *Memory, 12*, 288-301.

Odegard, T.N., **Lampinen, J. M.**, & Wirth-Beaumont, E. T. (2004). Organization of autobiographical memory. *Memory, 12*, 685-695.

Klin, C.M., Weingartner, K. M., Guzman, A. E., & **Levine, W. H.** (2004). Readers' sensitivity to linguistic cues in narratives: How salience influences anaphor resolution. *Memory & Cognition, 32*, 511-522.

Lilenfeld, S. O., Lynn, S. J., & **Lohr, J. M.** (2004) Pseudoscience is alive and well. *Scientific Review of Mental Health Practice, 3*, 107-110.

Lohr, J.M., Olatunji, B. O., Parker, L. M. & DeMaio, C. (2005) Experimental analysis of specific treatment factors: Efficacy and practice implications. *Journal of Clinical Psychology, 57*, 819-834.

Olatunji, B.O., Sawchuk, C. H., N., Arrindel, W., & **Lohr, J. M.** (2005). Disgust sensitivity as a mediator of the sex differences in contamination fear. *Personality and Individual Differences, 38*, 713-722.

Olatunji, B. O., Sawchuk, C. N., **Lohr, J. M.** & de Jong, P. J. (2004). Disgust domains in the prediction of contamination fear. *Behavior Research and Therapy, 42*, 93-104.

Olatunji, B. O., Tolin, D. F., Huppert, J., & **Lohr, J. M.** (2005). The relationship between fearfulness, disgust sensitivity, and religious obsessions in a non-clinical sample. *Personality and Individual Differences, 38*, 891-902.

Olatunji, B. O., Tolin, D. F., & Lohr, J. M. (2004). Irritable Bowel Syndrome: Associated features and the efficacy of psychosocial treatments. *Journal of Applied and Preventive Psychology, 11*, 125-140.

Williams, N. L. & Riskind, J. H. (2004). Cognitive vulnerability and attachment. *Journal of Cognitive Psychotherapy, 18*, 3-6.

Williams, N. L. & Riskind, J. H. (2004.) Adult romantic attachment and cognitive vulnerabilities to anxiety and depression: Examining the interpersonal basis of vulnerability models. *Journal of Cognitive Psychotherapy, 18*, 7-24.

Riskind, J.H., **Williams, N. L.**, Altman, A., black, D. O., Balaban, M. S. & Gessner, T. L. (2004). Developmental antecedents of the looming maladaptive style: Parental bonding and parental attachment insecurity. *Journal of cognitive Psychotherapy, 18*, 43-52.

Williams, N. L., Shahar, G., Riskind, J. H. , & Joiner, T. E. (2005). The Looming Cognitive Style Has a General Effect on an Anxiety Disorder Symptoms Factor: Further Support for a Cognitive Model of Vulnerability to Anxiety. *Journal of anxiety Disorder, 19, 2*, 157-175.

Riskind, J. H., & **Williams, N. L.** (2005). Cognitive vulnerability to generalized anxiety: Implications of the looming vulnerability model. *Cognitive Therapy and Research.*

Riskind, J. H., & **Williams, N. L.**, & Joiner, T. E. (2005). Cognitive Vulnerability to Anxiety: the Looming Maladaptive Style. *Journal of Social and Clinical Psychology*.

Olatunji, B. O., **Williams, N. L.**, Lohr, J. M. & Sawchuk, C. N. (2005) The structure of disgust: Domain specificity in relation to contamination obsessions. *Behavior Research and Therapy*.

Olatunji, B. O., **Williams, N. L.**, Lohr, J. M. & Sawchuck, C. N. (2005). Disgust, anxiety and fainting symptoms associated with blood-injection-injury fears: A structural model. *Journal of Anxiety Disorders*.

Olatunji, B. O., Sawchuk, C. N., Deacon, B. J., Tolin, D. F., Lilienfeld, S. O., **Williams, N. L.**, Meunier, S. A., Lohr, J. M. & Connolly, K. M. (2005). The Anxiety Sensitivity Profile revisited: Factor structure and psychometric properties in two nonclinical samples. *Journal of Anxiety Disorders*.

ARTICLES IN PROCEEDINGS OR NONREFEREED PUBLICATIONS:

None

RESEARCH REPORTS:

None

INVITED LECTURES:

Cavell, T.A. (2004, May). *Working with resistant parents of antisocial youth*. Invited Workshop, Hillsboro, OR.

CONTRIBUTED PAPERS:

1. Scofield, J., & **Behrend, D. A.** (2004, May). Word learning in the absence of joint attention. Paper presented at the International Conference on Infant Studies, Chicago, IL.

2. Beitle, R., Cheung, M. & **Behrend, D.A.** (2004, November). Design instruction with vision impaired chemical engineering students – challenges and synergies. Paper presented at the annual meeting of the American Institute for chemical Engineering, Austin, TX.

3. Naufel, K. Z., & **Beike, D. R.** (2004). *Does expressive writing benefit health because it gives a sense of closure?* Paper presented at the annual meeting of the Society for Personality and Social Psychology, Austin, TX.

4. Hernandez-Blasi, C., **Bering, J. M.**, Alwood, N. G., & Blaylock, T. (August, 2005). *Children's beliefs about psychological functioning before and after birth*. ESDP XIIth European Conference on Developmental Psychology, La Laguna, Tenerife, Canary Islands.

5. **Bering, J. M.** (April, 2005). *Social learning in children and chimpanzees*. Discussant, the 2005 Society for research in Child Development Meeting, Atlanta, GA. (invited symposium).
6. **Bering, J. M.** & Hernandez-Blasi, C. (April 2005). *Precursory afterlife beliefs in Spanish and American Schoolchildren*. Paper presented at the 2005 Society for Research in Child Development Meeting, Atlanta, GA. (invited symposium).
7. **Bering, J. M.**, & McLeod, K. (October 2004). *Social dynamics in death, as in life*. Paper presented at the 2004 Society of Experimental Social Psychology Conference, Ft. Worth, TX. (invited symposium).
8. **Bering, J. M.** (July, 2004). *Starting with the Basics: Evidence of Meaning-Making in Developmental Laboratory*. Paper presented at the 3rd Biannual International Conference on personal meaning, Vancouver, British Columbia.
9. Cormier, C. A., Shin, H., Cael, L., Rosenberg, J., **Bering, J. M.**, Hernandez-Blasi, C., Bjorklund, D. F. (April, 2004). *Developmental Regularities in Reasoning About the Psychology of Sleep*. Paper presented at Conference on Human Development, Washington, D.C.
10. Hughes, J. N., **Cavell, T. A.**, Meehan, B. T., Zhang, D., & Kwok, O. (2004) *Differential effectiveness of two mentoring interventions for aggressive children in schools differing in adversity*. Paper presented at the Annual Meeting of the Society for Prevention Research. Quebec, Canada.
11. Cavell, T. A. (2004). Moderator. *Intergenerational comorbidity and its impact on parent training outcomes*. Panel discussion at the Annual meeting of the Association for the Advancement of Behavior Therapy, New Orleans.
12. Peralta, L., Malcolm, K. T., & **Cavell, T. A.** (2004). *The comorbidity between externalizing and internalizing problems in the prediction of substance use*. Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, New Orleans.
13. Linn, J. A., & **Knowles, E. S.** (2004). *Two forms of resistance: Active and avoidant*. Paper presented at the Society for personality and Social psychology Convention, Austin, TX.
14. **Lampinen, J. M.**, Meier, C. R., Arnal, J. D. & Odegard, T. N.(2004). *Content Borrowing and Vivid False Memories*. Annual Meeting of the American psychological Society, Chicago, IL.
15. Leding, J. K. & **Lampinen, J. M.** (2004). *The Effect of Media Portrayals on Stereotypes: “The Sopranos” and Italian-Americans*. Annual Meeting of the American Psychological. Chicago, IL.
16. Arnal, J. D., **Lampinen, J.M.**, Mesa, V. B., & Willis, V. N. (2004). *Manipulating the Implicit Association Test*. Annual Meeting of the American Psychological Society. Chicago, IL.

17. Arnal, J. D., **Lampinen, J. M.**, Mesa, V. B., & Willis, B. N. (2004). *The effect of warning on the implicit association test*. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
18. Leding, J. K. & **Lampinen, J. M.**, Mesa, V. B., & Willis, B. N. (2004). *The effect of warning on the implicit association test*. Annual Meeting of the Midwestern Psychological Association, Chicago, IL.
19. Odegard, T. N., Swanner, J., Wright, A., & **Lampinen, J. M.** (2004). *Recollection rejection and single associates: the role of meaning*. Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
20. **Lampinen, J. M.**, Neuschatz, J. S., Preston, E., & Odegard, T. N. (2004). *Avoiding heartache: Process dissociation and memory conjunction errors*. Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
21. Odegard, T. N., Wood, S. S., Wright, J., & **Lampinen, J. M.** (2004). *Meaning aids recollection rejection in the memory conjunction paradigm*. Annual Meeting of the Midwestern Psychological Association. Chicago, IL.
22. Neuschatz, J., toglia, M., Preston, E., **Lampinen, J.**, & Goodsell, C. (2004). *The Effects of Post-Identification Feedback and Age on Retrospective Eyewitness Memory*. Annual Meeting of the Psychonomic Society.
23. Margulis, E. H., & **Levine, W. H.** (2004). *Melodic expectation: A priming study*. Paper presented at the 8th International Conference on Music perception and Cognition, Evanston, IL.
24. Hagaman, J. A., & **Levine, W. H.** (2004). *Individual differences in working memory span and attentional resource allocation*. Poster presented at the 44th Annual Meeting of the Psychonomic society, Minneapolis, MN.
25. Ferguson, J.M., **Lohr, J. M.**, Erickson, S. C., Parker, L. M. & Mayfield, M., & Lilienfeld, S. O. (2004, November). *Assessment of the construct validity of the Psychopathic Personality Inventory-Revised*. Paper presented at the 38th Annual Convention of the Association for Advancement of Behavior Therapy, New Orleans, LA.
26. Mayfield, E. M., **Lohr, J. M.**, & Parker, L. M. (2004, November). *The psychometric properties of a new measure of disgust sensitivity: The search for a valid measure*. Paper presented at the 38th Annual Convention of the Association for Advancement of Behavior Therapy, New Orleans, LA.
27. Olatunji, B. O., **Williams, N. L.**, **Lohr, J. M.** & Sawchuck, C. N. (2004). *The structure of disgust: Domain specificity in relation to contamination fears*. Paper presented at the 16th Annual Convention of the American Psychological Society, Chicago, IL.

28. Olatunji, B. O., **Williams, N. L.**, Sawchuk, C. N. & **Lohr, J. M.** (2004, November). *Disgust, anxiety, and fainting symptoms associated with Blood/Injection Phobia*. Paper presented at the 38th Annual Convention of the Association for Advancement of Behavior Therapy, New Orleans, LA.
29. Olatunji, B. O., **Lohr, J. M.** Penkov, M., & Connolly, K. (2004, May). *Emotional responding and evaluative learning of fear and disgust in blood-injection-injury phobia*. Paper presented at the 16th Annual Convention of the American Psychological Society, Chicago, IL.
30. Parker, L. M., **Lohr, J. M.**, & **Williams, N. L.** (2004, November). *A structural equation model for predicting dating violence*. Paper presented at the 38th Annual Convention of the Association for Advancement of Behavior Therapy, New Orleans, LA.
31. **Petretic, P.**, Addison, K., Limberg, N.K., Griffin, G., Shewmaker, S., & Perdew, I., *Childhood abuse experiences, dimensions of attachment and subsequent victimization and perpetration in dating relationships*. Paper submitted to the 9th International Family Violence Research Conference/UNH, Portsmouth, NH.
32. Griffin, G., **Petretic, P.**, Addison, K., Shewmaker, S., Perdew, I., & Limberg, N. K. (2004, July). *Relationship of adolescent perpetration to resilience and cognitive distortion*. Paper submitted to the 9th International Family violence Research Conference/UNH, Portsmouth, NH.
33. Shewmaker, S. & **Petretic, P.**, (2004, July). *The relation between cognitive distortions and psychological symptomatology among a nonclinical sample of women as a function of childhood trauma history*. Paper submitted to the 9th International Family violence Research Conference/UNH, Portsmouth, NH.
34. Perdew, I., & **Petretic, P.**, (2004, July) *Parental discipline reported by domestic violence victims*. Poster submitted to the 9th International Family Violence Research Conference/UNH, Portsmouth, NH.
35. Addison, K. J., **Petretic, P. A.**, Shewmaker, S., Griffin, G., Limberg, N., & Perdew, I. *Relation Between Family-of-Origin Functioning and Trauma Symptoms in a Physical Abuse Sample*. Poster submitted to the 16th world meeting of the International Society for Research on Aggression, Santorini, Greece.
36. Addison, K., Perdew, I., & **Petretic, P.**, (2004, September). *Parental discipline and PTSD in a domestic violence shelter sample*. Poster submitted to the 16th world meeting of the International Society for Research on Aggression, Santorini, Greece.
37. Addison, K. J., **Petretic, P. A.**, Griffin, G., Limberg, N. J., Perdew, I. & Shewmaker, S., (2004, November). *Family-of-Origin Functioning and Trauma Symptoms in a child Physical Abuse Sample*. Poster submitted to the 34th meeting of the Association for the Advancement of Behavior therapy (AABT), New Orleans, LA, USA.

39. Limberg, N., **Petretic, P.**, Griffin, G., Addison, K., Perdew, I. & Shewmaker, S. (2004, November). *Perpetrators: Instances of Domestic Violence, Trauma, Depression, and Anger Comorbidity*. Poster presented at the 34th meeting of the Association for the Advancement of Behavior Therapy (AABT), New Orleans, LA, USA.
40. Shewmaker, S., & **Petretic, P.**, (2004, November). *The utility of two cognitive distortion measures with a trauma sample*. Poster presented at the 34th meeting of the Association for the Advancement of Behavior Therapy (AABT), New Orleans, LA, USA.
41. **Schroeder, D. A.** (2004, May). *Changing Justice Concerns in Social Dilemmas*. Paper presented to the conference of Social Psychologists Around the Midwest, Lawrence, KS.
42. **Schroeder, D. A.**, Bembenek, A. F., Kinsey, K., Woodell, A. J., & Steel, J. E. (2004, October). *Changing Justice Concerns In Social Dilemmas*. In L. J. Skitka & K. van den Bos (Chair), Situational Triggers of Social Justice Concerns. Symposium to be presented at the convention of the Society for Experimental Social Psychology, Ft. Worth, TX.
43. Gilmore, H. L., & **Stripling, J. S.** (2004, October). *Cortical synchrony modulates odor responses in olfactory cortex*. 34th Annual Meeting of the Society for Neuroscience, San Diego, CA.
44. **Williams, N. L.** (2004, November). *Cognitive vulnerabilities to anxiety and depression in adults: Comorbidity and specificity*. Symposium presented at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
45. **Williams, N. L.**, Elwood, L. S., & Olatunji, B. O. (2004, November). *Cognitive vulnerabilities to obsessional thoughts and contamination fears*. Symposium presented at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
46. **Williams, N. L.**, Lunt, M. A., Parsons, C. J., & Reardon, J. M. (2004, November). *The looming cognitive style and the accessibility of threat representations*. Symposium presented at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
47. Elwood, L. S., & **Williams, N. L.** (2004, November). *Cognitive vulnerabilities and negative life events in victims of interpersonal trauma: Maintaining the Diathesis?* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
48. Elwood, L. S., & **Williams, N. L.** (2004, November). *Cognitive vulnerabilities to emotional disorders in victims of trauma: Attachment and PTSD related cognitions*. Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
49. Olatunji, B. O., **Williams, N. L.**, & **Lohr, J. M.** (2004, November). *Disgust, anxiety, and fainting symptoms associated with blood/injection phobia: A structural model*. Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.

50. Olatunji, B. O., Tolin, D. F., Abramowitz, J. S., & **Williams, N. L.** (2004, November). *Confirmatory factor analysis of the disgust scale: Implications for the comorbidity of disgust sensitivity and anxiety disorder symptoms.* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
51. Parker, L. M., **Lohr, J. M. & Williams, N. L.** (2004, November). *A structural equation model for predicting dating violence.* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
52. Parsons, C. J., Reardon, J. M., & **Williams, N. L.** (2004, November). *A psychometric validation of the revised Coping Styles Inventory.* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
53. Reardon, J. M., Parsons, C. J., & **Williams, N. L.** (2004, November). *An interactive diathesis to anxiety and depression: Cognitive vulnerabilities and coping.* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
54. **Williams, N. L.**, Motley, R. M., Elwood, L. S., & Luhn, J. (2004, November). *Cognitive vulnerability to anxiety, emotional dysregulation, and bulimia nervosa.* Presentation at the Annual Conference of the Association for Advancement of Behavior Therapy, New Orleans, LA.
55. Elwood, L. S., Smith, C. A., & **Williams, N. L.** (2004, April). *Influence of cognitive Vulnerabilities in Victims of Interpersonal Trauma.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
56. Elwood, L. S., & **Williams, N. L.** (2004, April). *Attachment and PTSD Related Cognitions: cognitive Vulnerabilities to Psychopathology.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
57. Lunt, M. A., & **Williams, N. L.** (2004, April). *The Looming Maladaptive Style: A Cognitive Diathesis to Anxiety.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
58. McDonald, T. L., & **Williams, N. L.** (2004, April). *Worry and Cognitive Vulnerability to Anxiety: A Mentation Sampling Study.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
59. Motely, R., Elwood, L. S., Fisher, A., & **Williams, N. L.** (2004, April). *Cognitive Vulnerability to Anxiety and bulimia nervosa.* . Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
60. Owens, T. S., &. (April, 2004) *Cross-sex Friendships: Attitudes, Beliefs, & Behavior.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.

61. Parsons, C. J., Reardon, J. M., & **Williams, N. L.** (2004, April). *Modern Electronic Communication and Attachment theory: Does Attachment Predict Use?* . Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
62. Renfroe, H., Elwood, L. S., & **Williams, N. L.** (2004, April). *Vulnerabilities to Emotional disorders in Female Sexual Abuse survivors.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
63. Smith, C. A., Reardon, J. M., Elwood, L. S., & **Williams, N. L.** (2004, April) *Dysfunctional Thoughts versus Cognitive Vulnerability Models in predicting anxious and Depressive symptoms.* Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.
64. Smith, C. A., Reardon, J.M., McDonald, T. L., Owens, T., & **Williams, N. L.** (2004 April). Cognitive vulnerabilities and the Tripartite Model of Anxiety and Depression. Presentation at the Annual Conference of the Southwestern Psychological Association, San Antonio, TX.

SOCIAL WORK

BOOKS:

Dona J. Reese

Book Chapter

Raymer, M. & Reese, D. (2004). The history of social work in hospice. In Berzoff, J. & Silverman, P. (Eds.). *Living with dying: A comprehensive resource for end-of-life care.* New York: Columbia University Press.

REFEREED ARTICLES:

Christy-McMullin

Print publications in peer-reviewed journals

Shobe, M.A. & **Christy-McMullin, K.** (2005). Savings experiences past and present: Narratives among African American women. *Affilia*, 20 (2), 222-237.

Publications under editorial review

DeCoster

DeCoster, V.A. & Cummings, S. M. (2005). Helping adults with diabetes: A review of evidence based interventions. *Health & Social Work*, 29.

DeCoster, V.A. & George, L. (2005). An empowerment approach for elders living with Diabetes: A pilot study of a community-based self-help intervention - The Diabetes Club. *The Journal of Educational Gerontology*, 31, 1-15.

Cummings, S.M., Adler, G., & **DeCoster, V.A.** (2005). Graduate social work students' attitudes toward and interest in working with elders. *The Journal of Educational Gerontology*, 31, 1-13.

DeCoster, V.A. & Cummings, S.M. (2004). Coping with Type 2 Diabetes: Do race and gender matter?" *Social Work in Health Care*, 40 (2).

King

Merton Seasonal – Winter 2004, “A Merton Pamphlet in Multiple Versions”

Reese

Reese, D., & Raymer, M. (2004). Relationships between social work services and hospice outcomes: Results of the National Hospice Social Work Survey. *Social Work*, 49(3).

Reese, D., Melton, E., & Ciaravino, K. (2004). Programmatic barriers to providing culturally competent end of life care. *American Journal of Hospice and Palliative Medicine*, 21(5).

Reese, D. (2004). Risk of domestic violence after natural disaster: Teaching research and statistics through the use of a participatory action research model. *Journal of Teaching in Social Work*, 24(3/4), 79-94.

Reese, D., Chan, C.L.W., Perry, D., Wiersgalla, D., & Schlinger, J. (2005). Beliefs, death anxiety, denial, and treatment preferences in end-of-life care: A comparison of social work students, community residents, and medical students. *Journal of Social Work in End-of-Life and Palliative Care*, 1(1), 23-47.

Schrivver

Lurie, Harry L. (2004). Entry in *Encyclopedia of Social Welfare History in North America*. Stuart, P. and Herrick, J., Eds. California: Sage Publications

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

DeCoster

DeCoster, V.A. (2005). *Statewide diabetes public health system performance assessment: Quantitative findings*. Nashville, TN: Tennessee Department of Health, Diabetes Prevention & Control Program.

House

Co-author, editor, BSW Self Study

Co-author, editor, MSW Self Study

Developed four-hour training module for the Office of Comprehensive Juvenile Services, Ft. Smith. “Culturally Relevant Work with African American Adolescents Entering the Juvenile Justice System”

King

Editor – 2004 Proceedings of the Southwestern Social Work Association

Article in Proceedings: “Social Work: The Death Penalty and Social Justice”

Reese

Valenzuela, C., & Reese, D. (2004). Cultural Competence Committee update. *Arkansas State Hospice and Palliative Care Association Update.*

INVITED LECTURES:

Christy-McMullin

Invited lectures

National:

Christy-McMullin, K., Shobe, M. & Shuster, K. “What Research Tells Us About IDA Participants and Assets,” Fourth Annual State IDA Policy Conference, St. Louis, Missouri, April 2005. Invited.

Refereed presentations

International:

Christy-McMullin, K., Shobe, M., Beckton, S. & Wills, J. “Arkansas Asset Building Programs: Well-Being of Low-Income Participants Following Graduation,” paper presentation, International Association For Feminist Economics, Oxford, England, August 2004.

Regional:

Christy-McMullin, K., Shobe, M., Beckton, S. & Wills, J. “What Research Tells Us About IDA Participants and Assets,” paper presentation, 2004 Low-Income Advocates Leadership Summit, Little Rock, AR, Oct. 2004.

Hurd

Presented at the Child Welfare League of America conference on children’s mental health. Topic: Families on the Edge: Methamphetamine Abuse.

Presented at the National Association of Social Workers, Arkansas Chapter. Topic: Program Evaluation with Hispanic Organizations.

Presented a six hour workshop on grant writing for Fayetteville Adult Education.

Guest speaker: Social Work Research and Technology I.

Topic: Grant Writing

Guest speaker: University of Arkansas at Monticello Social Work classes.

King

Spring 2004 Community Lecture series – First Presbyterian Church – Fayetteville

Murphy

Keynote speaker. For The Changing Role of Grandparents. And The Changing Face of Social and Psychological Factors of the Elderly Conference. Sponsored and Invited by Johnson C. Smith University and the Institute for Geriatric Social Work of Boston University. Charlotte, NC June 2005.

Schrivver

Keynote speaker. Annual Minnesota Conference of Social Work Educators and Students. Shifting Paradigms in Social Work Education. Bemidji, MN, April 2005.

OTHER LECTURES, PAPERS, PRESENTATIONS:

DeCoster

National refereed:

DeCoster, V. A. A social work facilitated, community based, self-management program for minority elders with type 2 diabetes mellitus. Paper presentation. National Gerontological Social Work Conference, New York City, NY. 2/05

Cummings, S., Adler, G., & DeCoster, V.A. Graduate social work students' attitudes toward and interest in working with elders. Poster presentation. National Gerontological Social Work Conference, New York City, NY. 2/05

DeCoster, V.A., & Evans, T. Real time in-class surveying using a electronic survey tool: H-ITT System Electronic poster presentation. Council on Social Work Education Annual Program Meeting, New York City, NY. 2/05

DeCoster, V. A. Empowering elders living with diabetes: The health investment club for diabetes intervention. Paper presentation, Society for Social Work Research annual meeting, Miami, FL. 1/05

DeCoster, V. A. An empowerment approach for elders living with diabetes: Community based self-help group. Paper accepted but not presented due to schedule conflict. American Public Health Association annual meeting, Washington, D.C. 11/04

DeCoster, V. A. The psychosocial aspects of diabetes mellitus and the role of the social work. National Association of Social Workers - Arkansas Chapter Annual Conference. Fort Smith, AR. 3/04

State & Local:

DeCoster, V. A. What's new & great in Diabetes self-care. Washington Regional Medical Center Diabetes Education Program, Fayetteville, AR. 11/04

DeCoster, V. A. Free aircraft transportation for patients & their families: Angel Flight. Presentation, Boone County Pilot's Association quarterly meeting, Harrison, AR. 7/04
Presentation, Drake Aviation safety seminar, Springdale Municipal Airport, AR. 2/04

King

Other Lectures:

Guest lectures in First Year Experience classes – Fall 2004 – “On Death Issues’

Papers

Arkansas Anthropological and Sociological Association: “Comparing Codes of Ethics: Social Work and Sociology” – Fall 2004

BPD Annual Meeting: “Faculty Development in the 1960's and Early 70's” – Fall 2004.

A Memory Walk: African-American Social Work Educators of Arkansas”, Arkansas NASW Annual Conference; Spring 2005;

A Window to the Past: A Peek at the First Three years of the Arkansas Association of Social Work”

Presentations

22 professional social work workshops including six workshops on Social Work Ethics and four repeated presentations of “Tough Decisions at the End of Life”.

Murphy

Presentations

Council on Social Work Education National Conference. Spring 2005. New York, NY, “University-Agency partnerships: Enhancing child-welfare training and educational efforts using distance technologies”

Research on grandmother care giving featured in Fullbright Review, Spring, 2005.

Received University of North Carolina Greensboro, George and Beatrice Goldman Fisher

SOCIOLOGY

BOOKS:

Schwab, William. *Deciphering the City*. Englewood Cliffs, NJ: Prentice Hall, 2004.

Smith, Brent (with L. Davis, J. Riley, G. Ridgeway, J. Pace, S. Cotton, P. Steinberg, K. Damphousse). *When Terrorism Hits Home: How Prepared are State and Local Law Enforcement?* Santa Monica, CA: RAND, 2004.

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

Smith, Brent (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.

Smith, Brent (with K. Damphousse and J. Lawson). "1993 World Trade Center Attack: The Forgotten Bombing," *Famous American Crimes and Trials: 1981-2000*, in F. Bailey and S. Chermak (ed.) (Westport, CN: Praeger, 2004), 229-248.

Smith, Brent (with K. Damphousse). "Terrorism and Empirical Testing: Using Indictment Data to Assess Changes in Terrorist Conduct," *Terrorism and Counter-Terrorism: Criminological Perspectives*, ed. M. Deflem (Philadelphia, PA: Elsevier Science, 2004), 75-92.

REFEREED ARTICLES:

Holyfield, Lori (with C. Beacham). "Collective Memory and National Shame: A Case Study of the Civil War National Military Park." American Sociological Association, San Francisco, CA, 2004.

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. Worden, Steven (with G. Wilson and S. Yang). "Sources of Organizational Commitment: The Effects of Internal Labor Markets and Worker Values," *Sociological Spectrum*, 24:6.

Yang, Song (with H. Hexmoor). "Measuring Optimal Connections in Large Networks: A New Algorithm and Its Applications." *Journal of Mathematical Sociology*, 28:197-213, 2004.

Yang, Song (with G. Wilson and S. Worden). "Sources of Organizational Commitment: The Effects of Internal Labor Markets and Worker Value." *Sociological Spectrum*, 24/6:667-689, 2004.

Yang, Song (with P. Feldman-Savelsberg and F. T. Ndonko). "Remembering the Troubles: Reproductive Insecurity and the Management of Memory in Cameroon." *Africa*, expected publication in 2005.

Yang, Song (with P. Feldman-Savelsberg and F. T. Ndonko). "How Rumor Begets Rumor: Collective Memory, Ethnic Conflict, and Reproductive Rumors in Cameroon." *Rumor Mills: The Social Impact of Rumor and Legend*. G. A. Fine, V. Champion-Vincent, and C. Heath (Eds.). New York, NY: Aldine De Gruyter, expected publication in 2005.

Zajicek, Anna (with E. Zajicek and J. Grotowska-Leder). "Social Consequences of President Bush's 2003 Tax Relief Plan." (Polish Title: Konsekwencje Spoleczne Planu Ozywienia Gospodarczego Georga W. Busha) *Journal of Social Policy Issues: Studies and Debates* (Problemy Polityki Spolecznej. Studia i dyskusje.) Polish Academy of Sciences, No. 7, 2004.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Holyfield, Lori (with L. Jonas and A. Zajicek). "Adventure Without Risk is Like Disneyland." *Edgework: The Sociology of Risk Taking*. Stephen Lyng (Ed.): 173-186. New York: Routledge Press, November, 2004.

Zajicek, Anna (with L. Holyfield and L. Jonas). "Adventure Without Risk is Like Disneyland." *Edgework: The Sociology of Risk Taking*. Stephen Lyng (Ed.): 177-196. New York: Routledge Press, November, 2004.

INVITED LECTURES:

Holyfield, Lori. Keynote Speaker for Arkansas Community Action Network, Eureka Springs, AR, 2004.

Holyfield, Lori. Keynote Speaker for Arkansas Leadership Association. "Moving Up and Out: Poverty and Education in Arkansas." Little Rock, AR, 2004.

Holyfield, Lori. Keynote Speaker Celebrating Success: Arkansas Single Parent Scholarship Fundraiser. Hot Springs, AR, 2004.

Smith, Brent. Presentation to DHS site visit team for selection of Social and Behavioral Sciences Center of excellence for terrorism research to be administered through the University of California, Irvine/Research Triangle Institute. (University of Arkansas would receive approximately \$500,000 over three years if selected.)

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:

Adams, Douglas (with K. Pimple). "The Flaw in the Ointment: What Research on Research Ethics can Learn from Research on Crime." Presented at the 2004 ORI Research Conference on Research Integrity, San Diego, CA, November 12-14, 2004.

Holyfield, Lori. Guest Speaker for American Association of University Women (AAUW). Bella Vista, Bentonville AR Chapters, 2004.

Holyfield, Lori. Guest Speaker for Habitat for Humanity. University of Arkansas campus, 2004.

Holyfield, Lori. Guest Speaker for Washington County Single Parent Scholarship Annual Fund Raiser. Springdale Convention Center, AR 2004.

Holyfield, Lori. Guest Speaker for Crawford County Single Parent Scholarship Annual Fund Raiser. Fort Smith, AR, 2004.

Holyfield, Lori. Public Announcement video for PBS. Topic: Arkansas Single Parent Scholarship. 2004.

Schwab, William. Final Report, *The Northern Jordan Tourism Development Plan*, submitted to the United States Information Agency, Association Liaison Office for University Cooperation in Development, Partners in Higher Education for International Development Program.

Schwab, William. Quarterly and Annual Reports, *Applying the Principles of Cultural Resource Management to Economic Development through Sustainable Tourism*.

Schwab, William. Tourism Development in Jordan: Prospects and Challenges. Annual Meeting of Synergy in Development 2004: Higher Education Partnerships: Connecting the World, Washington, DC, August 6-8, 2004.

Smith, Brent (with K. Damphousse). Quarterly Progress Report #13: The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism, MIPT/DHS, January, 2004.

Smith, Brent (with K. Damphousse and C. Shields). Quarterly Progress Report #14: The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism, MIPT/DHS, April, 2004.

Smith, Brent (with K. Damphousse and Paxton Roberts). Semi-Annual Progress Report #1: Pre-Incident Indicators of Terrorist Group Activities, DOJ/NIJ, July 2004.

Smith, Brent (with K. Damphousse and C. Shields). Quarterly Progress Report #15: The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism, MIPT/DHS, July, 2004.

Smith, Brent (with K. Damphousse and C. Shields). Quarterly Progress Report #16: The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism, MIPT/DHS, October, 2004.

Smith, Brent (with P. Roberts). "Pre-Incident Indicators of Terrorist Activities: Methodological Problems and Preliminary Findings," NIJ Terrorism Grantee Conference, Washington, DC, July, 2004.

Smith, Brent (with K. Damphousse and P. Roberts). "Pre-Incident Indicators of Terrorism: Methodological Issues in the Temporal and Spatial Analysis of Terrorists' Planning," Annual Meeting American Society of Criminology, Nashville, TN, November, 2004.

Smith, Brent. "Empirical Advances in the Social Scientific Study of Terrorism," Council for the Advancement of Science Writers, Fayetteville, AR, November 11, 2004.

Worden, Steven. "I Just Hate What They Have Done to This Place: Pilgrimages and Places from a Symbolic Interactionist Perspective," Meeting of Arkansas Sociological and Anthropological Association , Conway, AR, October 9, 2004.

Yang, Song (with H. Hexmore). "An Algorithm for Measuring Optimal Connections in Large Valued Networks," American Sociological Association Annual Meeting, San Francisco, CA, August 14-17, 2004.

Yang, Song. "Bureaucracy Versus High Performance: A Study of Work Reorganization in Emerging Markets," American American Sociological Association Annual Meeting, San Francisco, CA, August 14-17, 2004.

Yang, Song. "Network Structure and Network Benefits: A Discussion of Strength-of-Ties and Job Search Outcomes," North American Chinese Sociologist Association (NACSA) Mini-Conference, San Francisco, CA, August 13, 2004.

WALTON COLLEGE OF BUSINESS

BOOKS PUBLISHED:

Armstrong, D.J. and V.K. Narayanan. (eds). *Causal Mapping for Research in Information Technology*, Idea Group Publishing, Hershey, PA, 2005.

Boone, Louis, David Kurtz, and Douglas Hearth, *Planning Your Financial Future* (4th edition), Mason, Ohio: Thomson South-Western, approximately 600 pages.

Gay, David E.R. *Per Unit Excise Subsidies vs. Ad valorem Subsidies (or Taxes) in Great Ideas for Teaching Economics*, ed. Ralph Byrns, University of North Carolina at Chapel Hill, Economics Interactive, 2004.

http://www.unc.edu/econlbvrns_web/nrineconlgi.2004/o5-micissues/Ri-17.htm#tocl3977178

Hardgrave, B.C., E.R. Doke, and R.A. Johnson. *COBOL Programmers Swing with Java*, New York, NY: Cambridge University Press, 2005.

Kurtz, David, and Louis E. Boone. *Contemporary Marketing* 12th edition. SouthWestern. Manson, OH. Published in 2004. Copyright 2006.

Kurtz, David and Louis B. Boone. *Contemporary Marketing 2005*. South-Western. Manson, OH. Published in 2004. Copyright 2005. 599 pages.

Kurtz, David and Louis E. Boone. *Contemporary Marketing- Interactive Text* South-Western. Manson, OH. Published in January, 2004 Copyright 2005. 491 pages.

Kurtz, David, Louis E. Boone, and Douglas Heart. *Planning Your Financial Future-Tax Update*. South-Western. Manson, OH. Published in Summer, 2004. Copyright 2005. 519 pages.

O'Leary-Kelly, A.M. and R.W. Griffin. 2004. *The dark side of organizational behavior*. San Francisco, CA: Jossey Bass.

CHAPTERS:

Ellstrand, A.E., D.R. Dalton, and J.L. Johnson. 2005. Meta-analytic reviews of board composition, leadership structure and financial performance. in Thomas Clarke (Ed.), *Corporate Governance: Critical Perspectives on Business and Management*, Vol. II . *Anglo-American Corporate Governance*. Routledge: London and New York, pp. 195--230. (previously published in *Strategic Management Journal*)

Reeves, C.A. 2004. When the Dark Side of Families Enters the Workplace: The Case of Intimate Partner Violence. In *The Dark Side of Organization Behavior*, Griffin, R. and O'Leary-Kelly, A. (eds). San Francisco: Josey-Bass, pp. 103-127.

REFEREED ARTICLES:

Anand, V., B.E. Ashforth, and M. Joshi. Business as Usual: The Acceptance and Perpetuation of Corruption in Organizations. *Academy of Management Executive*.18(2): 39-53.

Britton, Charles R. and Daniel Kuester. A Re-Examination of the Sunspot Weather – Theory of Business Cycles, *Forum at the Association for Arid Lands Studies*, International Center for Arid and Semi-Arid Land Studies Texas Tech University, Lubbock, TX, Vol XIX, No. 1, pp 16-23.

Britton, Charles R., Richard K. Ford, and David E.R. Gay. Crime in the Arid West. A Statistical Examination of the Wild, Wild, West. *Forum of the Association for Arid Land's Studies*, International Center for Arid and Semi Arid Land Studies, Texas Tech University, Lubbock, TX, Vol XIX, No. 1, 2003, pp 24-36.

Britton, Charles R., Richard K. Ford, and David E.R. Gay. Economic Freedom, Property Rights, and the Informal Underground Economic. *Journal of Private Enterprise*, Vol. 20, No. 1, pp 86-99.

Britton, Charles R. and Richard Smith. Location Changes of Fortune 500 Headquarters in the Arid West. *Forum for the Association for Arid Land Studies*. International Center for Arid Land Studies, Texas Tech University, Lubbock, TX. Vol. XIX, No. 1 pp. 48-59.

Brusa, Jorge. 2004. “*The Day-of-the-Week and the Week-of-the-Month Effects: An Analysis of Investors' Trading Activities*,” *Review of Quantitative Finance and Accounting* 23, 2004, pp. ¹⁹-³⁰. A copy of the reprint of the paper is attached.

Burton, Scot, Craig Andrews, Rick Netemeyer, D. Paul Moberg, and Ann Christiansen. 2004. Adolescent Intentions to Smoke: An Examination Of Relationships Among Social Influence, Prior Trial Behavior, and Anti Tobacco Campaign Advertising. *Journal of Marketing*, 68, 110-123.

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Burton, Scot, Thomas Jensen, Jennifer Siemens, and Norma Mendoza. Research Productivity in Prestigious Business Journals and Popular Press Business School Callahan, Carolyn M. and Rodney E. Smith. (2005). How transparent are MD&A disclosures? *Bank Accounting & Finance*, Feb-Mar: 9-19.

Burton, Scot; and Elizabeth Cryer, 2004. What Consumers Don't Know Can Hurt Them: Consumer Evaluations and Disease Risk Perceptions of Restaurant Menu Items. *Journal of Consumer Affairs*, 38, pp. 121-145.

Craig Rennie "Governance Structure Changes and Product Market Competition: Evidence from U.S. Electric Utility Deregulation," forthcoming in the *Journal of Business*.

Creyer, Elizabeth, John Kozup, and William T. Ross. Consumer Response to a Pro-social marketing Initiative: The Case of Discount Stores and Guns Sales. *Journal of Applied Social Psychology*, 34(1), pp. 206-221.

Cronan, T. P., D. Douglas, and J. Au. 2004. A comparison of English versus Arabic for a software piracy instrument. *Issues in Information Systems*, V(1), pp.103-109.

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Cronan, T. P., L.N. K. Leonard, and J. Kreie. 2004. What influences IT ethical behavior intentions planned behavior, reasoned action, perceived importance, or individual characteristics? *Information & Management*, 42(1), pp. 143-158. (Category I journal).

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Ganster, D.C., M.S. Logan, and K. Faught. 2004. Outsourcing a satisfied and committed workforce: a trucking industry case study. *International Journal of Human Resource Management*, 15, 147-162.

Gay, David E.R. Comparative Economic Regulation of Viticultural Appellations: U.S. Practices and Italian Wine Law. *International Journal of Wine Marketing*. Volume 15, No.3. pp. 5-14.

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Horowitz, Andrew and Jian Wang. Favorite Son? Specialized Child Laborers and Students in Poor LDC Households. *Journal of Development Economics* (73), 631-642. Role: designed model and wrote manuscript.

Horowitz, Andrew and Amy Farmer. The Engagement Game. Accepted for publication in *Journal of Population Economics*. (Vol. 17, No. 4 (Dec. 04)— Scheduled) Role: 50/50 split.

- Johnson, J.L., A.E. Ellstrand, CM. Daily, and D.R. Dalton. 2005. Board reputation and stockholder wealth: The influence of the financial press. *Strategic Management Journal*, 26: 461-471.
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- O'Leary-Kelly, A.M., P. Tiedt, and L. Bowes-Sperry. 2004. Answering accountability questions in sexual harassment: Insights regarding harassers, targets, and observers. *Human Resource Management Review*, 14, pp. 85-1006.
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- Ozment, John, Douglas M. Voss, Scott B. Keller, and Ellinger E. Alexander. 2004. Differentiating the Supplies of Job Products to Union and Non-Union Frontline Distribution Center Employees. *Transportation Journal*, Vol. 43, No. 2 (Spring 2004), pp. 37-58.
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- Schulman, Craig and Jorge Brusa, "'Reverse' Weekend Effect: The U.S Market vs. International Markets," *International Review of Financial Analysis*, 12, 2003, pp. 267-286.

Schulman, Craig and Jorge Brusa, "The Weekend and 'Reverse' Weekend Effect: An Analysis by Month of the Year, Week of the Month, and Industry," *Journal of Business Finance and Accounting* June/July 2003, pp. 863-890.

Smith, Michael E. September 2004. Regulatory Monitoring as a Substitute for Debt Covenants, with E. Black, T. Carnes, and S. Moyer, *Journal of Accounting and Economics*, 37(6): 343-366.

Smith, Rodney E. and William F. Wright. (2005). Determinants of Customer Loyalty and Financial Performance, *Journal of Management Accounting Research*, 16: 183-205.

Venkatesh, V., M.G. Morris, and P.L. Ackerman. 2005. Gender and age differences in employee decisions about new technology: An extension to the theory of planned behavior. *IEEE Transactions on Engineering Management*, 52(1), pp. 69-84. (Category Ijournal).

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Wailer, Matthew, Stephen Rutner, and Tom Mentzer. 2004. A Practical Look at RFID, *Supply Chain Management Review*, January/February, pp. 36-41.

West, Timothy D. October 2004. Cheating and Moral Judgment in the College Classroom: A Natural Experiment, with S. Ravenscroft and B. Shrader, *Journal of Business Ethics*, pp. 173-183.

NONREFEREED PUBLICATIONS AND PROCEEDINGS:

Anand, V., C.C. Manz, and M. Joshi. 2005. The role of values and emotions in newcomers' socialization into organizational corruption. *Proceedings of the National Academy of Management meetings*, Honolulu, Hawaii.

Armstrong, D.K., C.K. Riemenschneider, M.W. Allen, and M. Reid. 2004. Voluntary Turnover and Women in IT: A Cognitive Study of Work-Family Balance, AIS SIG IS-CoRE 2004, The Third Annual Information Systems Cognitive Research Workshop, December 2004, Washington, D.C.

Armstrong, K.R., A. Wilhelm-Lopez, and J. Zhang. 2004. The Future of IT Outsourcing in Germany. Proceedings of the GITM World Conference. *Global Information Technology Management*, pp. 223-227.

Ashton, Dub and Molly Jensen, "Decision Making and Perceived Risk: Searching for Meaning Within Gen Y for Product Category Influencers and Consumption Lifestyles," Atlantic Marketing Association, October 2004, Chattanooga, TN.

Bouwman, Marmnus J. February 2005. "Using Technology To Integrate Accounting Into The Business Curriculum," *The Accounting Educator*, Vol. XIV (2).

Burton, Scot, Elizabeth Creyer, Jeremy Kees, and Kyle Huggins, "The Nutritional Content of Restaurant Foods: How Much Do Consumers Know and Does It Matter? 2004 Marketing and Public Policy Conference, Chicago: American Marketing Association, pp. 104-105.

Burton, Scot, Jeremy Kees, and Craig Andrews, "An Examination of the Effects of Emotion-Laden Messages and Graphic Visuals on Cigarette Warning Labels Effectiveness," AMA Winter Educators' Conference (2004), Chicago: American Marketing Association, pp. 37-38.

Burton, Scot, Elizabeth Creyer, and Jeremy Kees, "The Moderating Effect of Context on Consumer Evaluations of Restaurant Menu Items," *Advances in Consumer Research*, Volume 31, eds. Barbara Kahn and Mary Frances Luce (2004), pp. 256-266.

Burton, Scot, Effects on Organic Claims, the USDA Organic Seal, and Genetically Engineered Disclosures on Food Product Perceptions and Purchase Intentions, ~~ International Academy of Management and Business 2004 Conference Proceedings (Abstract); pp. 194-196.

Burton, Scot, J. Siemens, Thomas Jensen, and Nonna Mendoza (2005), "An Examination of the Relationship Between Research Productivity in Prestigious Business Journals and Popular Press Business School Ranks," *Journal of Business Research*, scheduled for volume (2005), pp. 467-476.

Delery, J.E. N. Gupta, and S. Kepes. 2004. The Effects of Compensation System Characteristics on Turnover, Work Force Performance, and Organizational Performance. *Proceedings of the Southern Management Association Meetings*, San Antonio, TX.

Finn, Donald W. May, 13, 2005. "The Effect of Program Commitment on the Degree of Participative Congruence and Managerial Performance in a Budgeting Setting," with Kevin Breaux, and ALMA World Conference on Management Accounting Research in Monterrey, CA.

Finn, Donald W. August 7, 2004. "Ethical Reasoning and Equitable Relief," with Gary Fleischman and Sean Valentine, 9th Symposium on Ethics in Accounting, American Accounting Association Annual Meeting, Orlando, FL.

Jones, T. and S. Johnson. 2004. Engineering Students' Perceptions of University TQM Practices. Decision Sciences Institute Annual Meeting. Boston, Massachusetts. November 2004.

Kopp, Steven and Jeff Langenderfer, (2004) "History Bears Repetition: Copyright Owners and Their Fight Against Technology," "Research Reaching New Heights: Proceedings of the 2004 Marketing Public Policy Conference (Salt Lake City, May 21), 55.

Lane, P.L. and M.R. Lane. 2004. Implementing Systems Off-The-Shelf: Don't Customize!. Proceedings of the Southwest Region Decision Sciences Institute, March 4-5, 2004, Orlando, Florida.

Leonard, L.N.K. and C.K. Riemenschneider. 2004. Individual Impact of the WWW: Use, Satisfaction, and Quality Influences. Annual Meeting of the Decision Sciences Institute, November 20-23, 2004, Boston, MA, pp.2731-2736.

McKinney, V., J. Galvin, and K.M. Chudoba. 2005. From Me to We: the Role of the Psychological Contract in Developing Shared Outcomes. *Proceedings of the HICSS*, Hawaii, January 6-8, 2005.

Murray, Jeff B. Scott Smith, Jason Cole, Molly Rapert, and Dan Fisher (2004), "Fanatic Consumption: Reconsidering Fanaticism," in *Advances in Consumer Research*, Vol. 32, eds. Geeta Menon and Akshay Rao, Provo, UT: Association for Consumer Research Film, abstract forthcoming.

Ozment, John and Barry H. Spraggins, "Rail Safety and Hazardous materials Movement: Railroad Vulnerability to Terrorist Attack," Proceedings of the International Business and Economic Conference, Las Vegas, NV, October 4-7, 2004.

Ozment, John, Barry Spraggins, and Julie Gentry, "Assessing the Potential for Intermodal Traffic Using Total Logistics Cost," Proceeding of the International Conference of Logistics, Beijing, China, May 22-24, 2004.

Riemenschneider, C.K., Armstrong, D.K., M.W. Allen, and M. Reid. What I'm Not Willing to Share: A Discussion of Turnover and Barriers to Promotion with Women IT Workers. *Annual Meeting of the Americas Conference for Information Systems*, August 6-8, 2004, New York, NY, pp. 1238-1244.

Riemenschneider, C. K. and L.N.K. Leonard. What Factors Influence the Individual Impact of the Web? An Initial Model, ITRC-WPO51-1 104, Information Technology Research Center Working Paper Series.

Shook, Carole. Fall 2004. "Games and Student Learning," *The Accounting Educator*, Vol. XIV (1): 20-22.

Shook, Carole. Spring 2005. "Why Corporate Annual Reports Should be a Part of MBA Accounting Courses," *The Accounting Educator*, Vol. XIV (2).

INVITED LECTURES:

Anand, V. Invited to present a multi-session seminar on culture to managers at J.B. Hunt Transport.

Bouwman, Marmnus J. May 4, 2005. "Integrating Accounting Into The Business Curriculum," at the 4~ Annual Accounting Educators' Seminar in Kansas City (cosponsored by Johnson County Community College and McGraw-Hill/Irwin).

Chilton, M.A. and B.C. Hardgrave. "Assessing Information Technology Personnel: Measuring Performance," *The DATA BASE for Advances in Information Systems*, 35 (3), Summer 2004, 88-104.

Delery, J.E. 2005. Human resource management systems and firm performance: Where do we go from here? Presented at the Nijmegen School of Management, Radbound University Nijmegen (The Netherlands).

Hardgrave, B.C. "RFID: Dispelling Myths and Preparing for the Future," Council for Logistics Management, Rogers, Arkansas, October 26, 2004.

Hardgrave, B.C. "RFID: Myths and Reality," Doing Business in Bentonville Supplier Seminar Series, Bentonville, Arkansas, January 27, 2005.

Hardgrave, B.C. "Can you See the Line: Making the Business Case for RFID," Nestle Executive Retreat, St. Louis, Missouri, February 15, 2005.

Hardgrave, B.C. "REID: Myths and Reality," ALAR Conference, Conway, Arkansas, February 18, 2005.

Hardgrave, B.C. "FYI on REID: TMI for IT?" Acxiom Connections Conference, Las Vegas, Nevada, February 28, 2005.

Hardgrave, B.C. "REID: Myths and Reality," Women in IT Conference, Rogers, Arkansas, March 11, 2005.

Hardgrave, B.C. "REID Strategic Overview and Insights," AC Nielsen Consumer 360 Conference, Hollywood, Florida, March 31, 2005.

Hardgrave, B.C. "Can REID Reduce Out of Stocks?" REID Journal Live Conference, Chicago, Illinois, April 11, 2005.

Hardgrave, B.C. "REID: Dispelling Myths and Recognizing the (Real) Opportunities," Oklahoma State University, Stillwater, Oklahoma, March 4, 2005.

O'Leary-Kelly, AM. The dilemma faced by sexual harassment observers. Presented in the Sauder School of Business, University of British Columbia.

Peters, Gary F. February 16, 2005. "Understanding the State-Level Cascade Implications of Sarbanes-Oxley and Auditor Independence," Northwest Arkansas chapter of the Institute of Internal Auditors.

Peters, Gary F. Invited Panel Session Speaker, "IT Skills and Knowledge for Entry-Level Auditors: Are Educators Meeting the Needs of the Profession," 2005 American Accounting Association Audit Section Mid-Year meeting, New Orleans, LA.

Venkatesh, V. (2005). "Usability." Presented at: Indiana University (Mar 2005), University of Houston (Apr 2005), University of Utah (Apr 2005).

Venkatesh, V., F.D. Davis, and M.G. Morris. "Dead or Alive? Future of Technology Adoption Research," Gordon B. Davis Symposium, University of Minnesota, May 2005.

West, Timothy D. "Cost prediction and operational efficiency across U.S. Army hospitals," with Carolyn M. Callahan. University of Arizona.

West, Timothy D. "Cost prediction and operational efficiency across U.S. Army hospitals," with Carolyn M. Callahan. University of Tennessee.

West, Timothy D. "Cost prediction and operational efficiency across U.S. Army hospitals," with Carolyn M. Callahan. University of Utah.

West, Timothy D. "Cost prediction and operational efficiency across U.S. Army hospitals," with Carolyn M. Callahan. U.S. Army Medical Command Controllers' Conference and U.S. Army Medical Command Commanders' Conference.

OTHER LECTURES. PATIERS. AND ORAL PRESENTATIONS:

Aloysius, J.A., F.D. Davis, and S.Venkatraman. 2004. Multiple Prospect Framing and Decision Behavior: Perceived Riskiness and Perceived Ambiguity, INFORMS National Meeting, Denver, fall 2004.

Anand, V., MV. Joshi, and C.C. Manz. Top Management Team Member Empowerment in High-tech Firms. Paper presented at the Annual Southern Management Academy Meetings in San Antonio, TX, 2004.

Anand, V., M. Joshi, and A.M. O'Leary-Kelly. An Expanded Model of Strategic Group Identification. Paper presented at the Annual Academy of Management Meetings in New Orleans, LA, 2004.

Anand, V., M. Joshi, and A.M. O'leary-Kelly. An expanded model of strategic group identification. Paper presented at the Annual Meeting of the Academy of Management, New Orleans, LA, 2004.

Anand, V., N.Gupta, and K. Henderson. Knowledge, Ignorance and Distortion: An Expanded Representation of Belief Structures in Organizations. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Anand, V., A.M. O'Leary-Kelly, B.E. Ashforth, and K. Henderson. Take this job and.. keep it? The Effects of Psychological Contract Breach on Job-constrained Employees. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Anand, V., C.C. Manz, and M. Joshi. The Role of Values and Emotions in Newcomers' Socialization into Organizational Corruption. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Armstrong, D.J. 2004. A Discussion of the Advances in Causal Mapping for Research and Practice. IRMA 2005, San Diego, CA, May, 2005.

Armstrong, K. 2004. Teaching with Technology: Practitioner-Friendly Delivery of Actionable Knowledge. Academy of Management Professional Development Workshop, New Orleans, LA, Aug 7, 2004.

Bouwman, Marinus J. Presentation to the doctoral students in accounting, entitled: "Developing and Teaching Brand New Courses." The presentation reviewed my experiences in the development and implementation of **WCOB 1023 Business Foundations** course, as well as the development of **ACCT 3013 Accounting View**. Date: 9/14/04.

Britton, Charles R., Richard K. Ford, and David E.R. Gay."The Political Economy of Regulation: 'Bootleggers' and Baptists in Arkansas," with Richard K. Ford and David ER. Gay, Issues in Public Sector Economics Section, Southern Economic Association, New Orleans, LA, November 23, 2004.

Callahan, Carolyn M. May 12, 2005. "New Methodologies and Paradigms," at the 2nd AIMA Management Accounting Research World Conference in Monterey Peninsula, Northern California.

Callahan, Carolyn M., April 15, 2005. "The Cost of Capital in the Defense Industry: Managerial Incentives and the Economic Impact of Mandatory Debt Accounting," (with Maureen Butler and Valaria P. Venzryk) at the Oklahoma State University Research Conference.

Callahan, Carolyn M. Invited Research Discussant .August 2004. "Information Technology, Supply Chain Performance, and iTT Manufacturing (Information Systems) Adoption. Integrated Session (IS-MAS) of American Accounting Association annual meeting, Orlando, FL.

Craig, Rennie “*Changes in Student-managed Investment Funds: Evidence from the Rebsamen Fund*,” presented at the Arkansas Teachers of Economics and Business (ACTEB) annual meeting, University of Central Arkansas, Conway AR, October 1, 2004.

Deck, Cary. “Bargaining and Arbitration with Asymmetric Uncertainty.” WEA meetings in Vancouver.

Deck, Cary. “Fixed Revenue Auctions.” ESA meetings in Tucson, AZ.

Deck, Cary. “Fixed Revenue Auctions.” SEA meetings in New Orleans, LA.

Delery, J.E., N. Gupta, and S. Kepes. The effects of compensation system characteristics on turnover, workforce performance, and organizational performance. Presented at the Southern Management Association meetings, San Antonio, TX, 2004.

Delery, J.E., N. Gupta, and S. Kepes. Contingencies in the Impact of Pay dispersion on Perceptual and objective Organizational Outcomes. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Delery, J.E., N. Gupta, and S. Kepes. High Involvement Work Systems: An Exploration of Internal Fit. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Farmer, Amy. “Civil Litigation with Mandatory Discovery and Voluntary Transmission of Private Information”, presented at the Southern Economics Association Meetings, New Orleans, 2004.

Farmer, Amy. Bargaining Over an Indivisible Resource: The Case of Child Custody, presented at the Western Economics Association meetings, Vancouver, 2004.

Ferrier, Gary. Presentation to the U of A’s Public Policy Colloquium (“The Spillover Effects of Public Hospital Closures”).

Ferrier, Gary. Presented paper at the International Atlantic Economic Society meeting in Chicago, October, 8-10, 2004 (“The Role of Public Hospitals in Urban Markets”).

Finn, Donald W. “Ethical Reasoning and Equitable Relief,” with Gary Fleischman and Sean Valentine, University of Arkansas Department of Accounting Research Workshop.

Gay, David E.R., Charles Britton, and Richard K. Ford. “The Political Economy of Interstate Wine Sales: The Anti-Free Trade and Anti-Free Choice Alliance,” Missouri Valley Economic Association, February.

Gay, David ER.. “Active Learning and Private Enterprise Education,” Association of Private Enterprise Education, April.

Gay, David, ER. "The Political Economy of Regulation: 'Bootleggers' and Baptists in Arkansas," with Charles R. Britton and Richard K. Ford, Southern Economic Association.

Horowitz, Andrew. Presented: "Dispersion and Distortion of Intra-Household Human Capital in LDC's." Cornell University – "75 Years of Development Research."

Horowitz, Andrew. "The Dispersion of Intra-Household Human Capital Across Children: A Measurement Strategy and Evidence" (October) NEUDC .HEC Montreal.

Johnson, J.L. and S. Kepes. Networks of Order and Chance: Archetypes, Emergence, and Randomness in Organizational Structures. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Johnson, J.L. and J.D. Shaw. Social capital, organizational and environmental predictors of quits, discharges, and intra-organizational mobility. Paper presented at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Johnson, J.L., M.K. Duffy, and J.D. Shaw. Structural dynamics of social undermining at work. Society of Industrial and Organizational Psychologists, 19th Annual Conference, Chicago, IL, 2004.

Johnson, J.L., D. Brass, and G. Labianca. Theoretical and empirical applications of social network analysis: Conducting network research. Professional development workshop conducted at the Academy of Management Annual Meeting, Honolulu, Hawaii, 2005.

Kali, Raja. I presented a paper entitled "Social Embeddedness and Economic Governance: A Small World Approach," at the VI LACEA Political Economy Group Conference that was held in Cartagena, Colombia on October 7-8. This conference was sponsored by a grant from the World Bank and travel and accommodation for speakers was paid for by the organizers.

Kali, Raja. I presented a paper entitled "Social Embeddedness and Economic Governance: A Small World Approach," at the conference to celebrate "75 years of Development Economics" held at Cornell University in May.

Kruse, Tim. presented "Olivetti's hostile takeover of Telecom Italia and the evolution of ownership, control, and shareholder value in Italy" at the Annual Meetings of the Financial Management Association in New Orleans (Oct 2004) and at the Southwest Finance Symposium in Tulsa (April 2004).

Leflar, Charles, A. Two teaching related topics at American Accounting Association annual meeting poster presentation. One with Deb Thomas (U of A) and one with Connie McKnight (Arkansas Tech).

Littrell, Rita. National Association of Economic Education Annual Conference –September 29 – October 2, 2004.

Liu, Daniel Pu “*The Day-of-the-Week and the Week-of-the-Month Effects: An Analysis of Investors’ Trading Activities*,” with Jorge Brusa, presented at the Financial Management Association Annual Meetings in New Orleans, October 2004.

Mendez, Fabio and Christopher Ball. Midwest Economic Association Meetings 2004. Presented: “Multiple Maturities and Maturity Bunching: a New Perspective on the Timing and Duration of Sudden Stops.”

Mendez, Fabio and Christopher Ball. 74th Annual Meeting of the Southern Economic Association in San Antonio, November 2004. “Inflation Targeting or Fear of Floating in Disguise: A broader perspective.”

Mendez, Fabio and Raja Kali. “Globalization: Using Complex Networks Analysis for the Study of Economic Integration.”

Mendez, Fabio and Raja Kali. Midwest International Economics Group (Fall 2004 Meeting) “The Architecture of Globalization: A Network Approach to International Economic Integration.”

Mendez, Fabio and Raja Kali. Regional Integration Network 2004. “The Architecture of Globalization: A Network Approach to International Economic Integration.”

Norwood, John A. August 2004. “REID and the Right of Privacy” with Crystal Whitsell, the Academy of Legal Studies in Business annual meeting, Ottawa, Canada.

O’Leary-Kelly, A.M. and S. Kepes. Hurry up or slow down? The effects of decision-making speed and group characteristics on decision quality. Paper presented at the Annual Meeting of the Southern Management Association, San Antonio, TX, 2004.

O’Leary-Kelly, AM., P. Tiedt, and L. Bowes-Sperry. Accountability and workplace deviance. Paper presented at the Annual Meeting of the Southern Management Association, San Antonio, TX, 2004.

O’Leary-Kelly, A.M. and R.W. *Griffin*. Participated in a session sponsored by the editors of the STOP Frontiers Series that introduced our edited research volume titled *The darkside of organizational behavior*, Chicago, IL, 2004.

Peters, Gary F. “Litigation Risk, Earnings Management, and Asymmetric Audit Fee Responses,” with Larry Abbott and Susan Parker. 2005 Western Regional American Accounting Association Meeting, Sacramento, CA.

Peters, Gary F. “Litigation Risk, Earnings Management, and Asymmetric Audit Fee Responses,” with Larry Abbott and Susan Parker. 2005 American Accounting Association Audit Section Mid-Year meeting, New Orleans, LA.

Peters, Gary F. January 2005. "Audit Committee Effectiveness and Internal Audit Outsourcing," with Larry Abbott, Susan Parker, and Dasaratha Rama. American Accounting Association Information Systems Section Mid-year Meeting, New Orleans, LA.

Pincus, Karen V. "Leadership Issues" at the Beta Alpha Psi Northwest Regional Meeting, Boise, Idaho and the Beta Alpha Psi Missouri Valey Regional Meeting in Ames, Iowa.

Shook, Carole. Fall 2004. "Teaching in Teams," with Mary Beth Caldwell, University of Arkansas Teaching Camp.

Shook, Carole. August 2004. "Top Tips for Classroom Participation," American Accounting Association Annual Meeting Effective Learning Strategies Poster Session, Orlando, FL.

Shook, Carole. May 26, 2005. Talk presented, with Renee Clay and Heather Sprandel, to Northwest Arkansas Society of CPAs regarding the Accounting Curriculum and Recruiting.

Shook, Carole. May 17, 2005. "ElderCare: The Financial Issues of Aging" .CPE session for the Arkansas Society of CPAs.

Smith, Rodney E. "An Evaluation of the REA Framework as an Enterprise Domain Ontology: Does the REA Framework Support Balanced Scorecard information Requirements?" with Kimberly Church, Kansas State workshop.

Smith, Rodney E. August 2004. "Regulatory Compliance Cost: SAB 101 and Revenue Management in the Airline Industry," with Carolyn M. Callahan and Marion E. McHugh, American Accounting Association Annual Meeting, Orlando, FL.

Smith, Rodney E. August 2004. "The Valuation Implications of Accounting-Based Measures of Relative Market Power in Buyer-Supplier Markets," with Carolyn M. Callahan and Marion E. McHugh, American Accounting Association Annual Meeting, Orlando, FL.

Smith, Rodney E. January 2005. "An Evaluation of the REA Framework as an Enterprise Domain Ontology: Does the REA Framework Support Balanced Scorecard information Requirements?" with Kimberly Church, American Accounting Association Information Systems Section Mid-year Meeting, New Orleans, LA.

Stapp, Robert. Southern Economic Association November 2004 Presented 'Protectionism and Direct Investment.'

Thomas, Deborah W. August 2004. "Attitudes Toard E-fihing in Middle America," with Christina Ritsema and Tracy Manly, American Accounting Association Annual Meeting, Orlando, FL.

Thomas, Deborah W. August 2004. "Teaching the First Step in Problem Solving: Fact-finding Through Role Play," with Charles J.F. Leflar, American Accounting Association, Effective Learning Strategies Forum, Orlando, FL.

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- Fort, I., Cordes, W., Leveine, D., & Longer, D. (2004, October). Love of learning: Secrets of the soft sell. *Relative to Teaching*.
- George, Carri. (2004, July). IL NET Regional Coordinators Meeting, Houston, TX.
- George, Carri. (2004, July). Youth Leadership Training, Conway, AR.
- George, Carri. (2004, August). Independent Living Training Council, Dallas, TX.
- George, Carri. (2004, August). Strategic Planning Session-VOLAR Center for Independent Living, El Paso, TX.
- George, Carri. (2004, September). Providing Culturally Relevant Services to Latino Consumers, Bridgeline.

- George, Carri. (2004, September). Region 6 In-Depth Training for CIL Directors and Fiscal Managers, Dallas, TX.
- George, Carri. (2004, October). IL Conversations, Bridgeline.
- George, Carri. (2004, October). Region VI Client Assistance Program Training, Dallas, TX.
- George, Carri. (2004, November). Region VI New Mexico Tribal VR Case Management Training, Albuquerque, NM.
- George, Carri. (2004, December). 2004 Client Assistance Program Follow Up, Bridgeline, AR.
- George, Carri. (2005, January). Characteristics of a Successful Team, Pine Bluff, AR.
- George, Carri. (2005, March). CLICK 5: The Journey, Addison, TX.
- George, Carri. (2005, March). Strategic Planning & ADA Training, Las Cruces, NM.
- George, Carri. (2005, June). Nothing About Youth Without Youth, Dallas, TX.
- George, Carri. (2005, June). Region VI Independent Living Conference, Dallas, TX.
- Hagstrom, F. (2004). Expanding consideration of the personal when considering AAC. *Perspectives on Gerontology*, 9(2), 13-16.
- Hughes, M. F. (2004). Sexual harassment in the workplace. In William E. Camp, (Ed.), *The Principal's Legal Handbook*. 3rd ed., Dayton, OH: Education Law Association.
- Hughes, Mary F., Ritter, Gary & W. McDonald, J. D., (2004). *School finance litigation and adequacy studies*. University of Arkansas at Little Rock Law Review, Little Rock.
- Kindle, Lavanna. (2005, January). RMOG Training, Hope, AR.
- Kindle, Lavanna. (2005, January). RMOG Training, Warren, AR.
- Kindle, Lavanna. (2005, January). APF New Chapter Growth & Development, Hot Springs, AR.
- Kindle, Lavanna. (2005, February). RMOG - Training Part 2, Ferndale, AR.
- Kindle, Lavanna. (2005, February). RMOG Training, Hope, AR.
- Kindle, Lavanna. (2005, March). DD Council Legislative Luncheon, Little Rock, AR.
- Kindle, Lavanna. (2005, March). Hope APF Chapter Meeting, Hope, AR.

Kindle, Lavanna. (2005, March). RMOG Training, Warren, AR.

Kindle, Lavanna. (2005, March). RMOG Training, Hope, AR.

Lawson, G. (2004). *Community assessment screening for peripheral arterial disease: A data base for program development*. Proceedings of the National conference on Transferring Geriatric Research into Practice: Improving Chronic Care Quality. University of Missouri, Columbia.

Lawson, G. (2004). *Including ABI's in the assessment of older adults: The other vital sign*. Proceedings from the 24th Annual Arkansas Aging Conference: Aging Well, Living Well. Arkansas Association of Area Agencies on Aging and Arkansas Department of Human Services, Division of Aging and Adult Services.

Leckner, Lee. (2004, July). Ethics / ARS, Little Rock, AR.

Leckner, Lee. (2004, July). 2004 LRS Annual Training Conference, New Orleans, LA.

Leckner, Lee. (2004, August). Assess & Plan the Cornerstones of the VR Process, Houston, TX.

Leckner, Lee. (2004, August). DISC - CLICK Cohort 4, Bridgeline.

Leckner, Lee. (2004, September). Employment Assistance for Rehab Teachers, Little Rock, AR.

Leckner, Lee. (2004, October). National Blind Conference, Nashville, TN.

Leckner, Lee. (2004, October). State Rehabilitation Council, Austin, TX.

Leckner, Lee. (2004, October). Randolph/Sheppard Vendors Conference, Oklahoma City, OK.

Leckner, Lee. (2004, November). CLICK 5: The Gist, Dallas, TX.

Leckner, Lee. (2004, November). Regional Randolph Sheppard Meeting, Addison, TX.

Leckner, Lee. (2004, November). FOCUS: Achieving Your Highest Priorities, Shreveport, LA.

Leckner, Lee. (2004, December). New Mexico SRC Training, Santa Fe, NM.

Leckner, Lee. (2005, July). Texas SRC Training, Austin, TX.

Leckner, Lee. (2005, February). Employment Initiative, Addison, TX.

Lucas, C., (2005, January). *A 'Knowledge Base' for teacher education: Policy alternatives and the claim of professional status*, Office for Education Policy, University of Arkansas, <http://www.uark.edu/ua/oep>

- Miller, Jeanne. (2004, July). DARS Meeting, Austin, TX.
- Miller, Jeanne. (2004, July). AR Division of Services for the Blind, Little Rock.
- Miller, Jeanne. (2004, August). Texas Division of VR Services-Training Meeting, Austin.
- Miller, Jeanne. (2004, September).Region 6 State Directors Meeting, Dallas, TX.
- Miller, Jeanne. (2004, October). OK DRS Statewide Staff Meeting, Oklahoma City
- Miller, Jeanne. (2004, October). TX DBS: Succession Program Development, Austin.
- Miller, Jeanne. (2004, October). TX DRS/DBS Needs Assessment Survey, Austin.
- Miller, Jeanne. (2004, November). ARS Succession Program Development, Little Rock, AR.
- Miller, Jeanne. (2004, December). 31st IRI - First Prime Study Group, Baltimore, MD.
- Miller, Jeanne. (2005, February). 31st IRI Second Prime Study Group, Baltimore, MD.
- Miller, Jeanne. (2005, March). School to Work Transition: Career or Minimum Wage, Hot Springs, AR.
- Miller, Jeanne. (2005, March). Texas Leadership Academy - 1st Session, Austin.
- Miller, Jeanne. (2005, May). 31st IRI National Forum, Washington, DC. May, 2005.
- Miller, M. T., & Katz, M. (2004). Academic governance as a win-win proposition: A model of effective shared governance? In H. Weschler (Ed.), *2004 NEA Almanac*, Washington, DC: National Education Association.
- Mulvenon, S. & Beasley, M.. (2004). *Statistical (mis)issues in the health sciences: Statistical methods may not be the problem*. Proceedings of the American Statistical Association's Joint Statistical Meeting, Toronto, Canada.
- Murphy, C. (2004, March). Teachers and teaching technology at the University of Arkansas: what's the point? *Relative to Teaching Newsletter of the Teaching Faculty Support Center*.
- Murphy, C., & Martindale, R. (2004). *Electronic tools for technology evaluation, assessment, and planning*. Society for Information Technology and Teacher Education International Conference, 1605-1606.
- Newgent, R., Stegman, C., Daniel, A., McKenzie, S., & Holaway-Johnson, C. (2005). *Structuring the elementary classroom to facilitate learning*. Proceedings of the 28th Annual Meeting of the Southwest Educational Research Association

- Newgent, R., Stegman, C., Mulvenon, S., Daniel, & A McKenzie, S. (2004). *All children excel in school (ACES): Evaluation of social service and academic interventions to address "No Child Left Behind" legislation*. [Abstract] Proceedings of the 27th Annual Meeting of the Southwest Educational Research Association [SERA], 53.
- Newgent, R. (2004). *Promoting counselor identity*. Association for Counselor Education and Supervision – Professional Advocacy Activity.
- Newgent, R. (2004). *Promoting counselor identity*. Chi Sigma Iota – Professional Advocacy.
- Newgent, R. (2004). *Promoting counselor identity*. Exemplar.
- Oehlers, Leon. (2004, July). Independent Initiatives/ADA Impacting Public VR, Ft. Worth, TX.
- Oehlers, Leon. (2004, July). NM- DVR Utilizing Internet Resources in VR, Albuquerque, NM.
- Oehlers, Leon. (2004, August). Tools, Techniques & Resources: Utilizing the Web, Denver, CO.
- Oehlers, Leon. (2004, August). The Glitz of the Information Glut: Coping, Denver, CO.
- Oehlers, Leon. (2004, September). VR Process and Procedures for VR Counselors, Austin, TX.
- Oehlers, Leon. (2004, September). Regional Rehabilitation Education Forum, Dallas, TX.
- Oehlers, Leon. (2004, November). Tools, Techniques and Resources: Utilizing the Web, Fort Worth, TX.
- Oehlers, Leon.(2004, December). Marketing & Recruitment Strategy Mtg at AR Rehab Sv, Little Rock, AR.
- Oehlers, Leon. (2005, January). VR Legislative History, Process, Quality Customer Services, Austin, TX.
- Oehlers, Leon. (2005, January). New Mexico DVR Staff Training Meeting: Needs Analysis, Santa Fe, NM.
- Oehlers, Leon. (2005, January). AR Rehab Svcs Marketing, Recruiting & Retention, Little Rock..
- Oehlers, Leon. (2005, February). Region VI Employment Initiative: Focus Group, Dallas, TX.
- Oehlers, Leon. (2005, February). Internet Resources Access and Organization, Austin, TX.
- Petty, Julie. (2004, August). APF Board Meeting, Little Rock, AR.

- Petty, Julie. (2004, August). APF Advisory Council Meeting, Mountain View, AR.
- Petty, Julie. (2004, September). DDC State Conference, Hot Springs, AR.
- Petty, Julie. (2004, October). APF-RMOG Meeting, Little Rock, AR.
- Petty, Julie. (2005, February). APF February 2005 Board Meeting, Little Rock, AR.
- Petty, Julie.(2005, February). 2005 RMOG Training Part II, Little Rock, AR.
- Petty, Julie. (2005, June). Reaching My Own Greatness and Beyond, Little Rock, AR.
- Pottenger, Paula. (2004, July). Situational Leadership Seminar, Chicago, IL.
- Pottenger, Paula. (2004, August). Blind Services Meeting, Austin, TX..
- Pottenger, Paula. (2004, August). TX Div of Svs Blind Succession Program Work Mtg, Austin.
- Pottenger, Paula. (2004, August). Texas Division of VR Service-Leadership Curriculum, Austin.
- Pottenger, Paula. (2004, August). Texas Division of VR Services -Training Meeting, Austin.
- Pottenger, Paula. (2004, September). CLICK 3: Reality Check, Dallas, TX.
- Pottenger, Paula. (2004, October). CLICK 4: Grow Your Own, Dallas, TX.
- Pottenger, Paula. (2004, October). TX DRS: Situational Leadership, Austin, TX.
- Pottenger, Paula. (2005, January). HSRC Staff Training, Hot Springs, AR.
- Pottenger, Paula. (2005, January). TX Blind Futures Planning Meeting, Austin, TX.
- Pottenger, Paula. (2005, February). CLICK 4: The Hook, Bridgeline.
- Powers, M., Shadden, B.B., & Di Brezzo, R. (2004). Service Needs and Utilization of Employed Caregivers. *The Gerontologist*, 44 (1), 651-652.
- Sabik, S., Boone, S. Watson, D., & Anderson, G.B. (2004, May). *Enhancing service delivery in Kentucky: Non LFD vs LFD*. Presentation to Kentucky DVR, Louisville, KY.

Schroedel, J.G., Watson, D., & Boone, S.E. (2004). *Invigorating VR services to hard of hearing consumers: a professional dialogue on a national research project*. Partners building bridges: National training conference for state coordinators of the deaf, deaf-blind, hard of hearing and late-deafened. Hot Springs: University of Arkansas, Regional Rehabilitation Continuing Education Program. [http://www.rcep6.org/SCD Conference Proceedings 2004/scd conf 2004.htm](http://www.rcep6.org/SCD_Conference_Proceedings_2004/scd_conf_2004.htm).

Shadden, B. B., & McGehee, M. (2004) A tale of two clients: Applying the AAC Acceptance Model. *Perspectives on Gerontology*, 9 (2), 16-20.

Shadden, B. B. (2004). Foreword: Technology and aging. *Perspectives on Aging*, 9 (2), 1-4.

Thompson, D., Thompson, C., Lyle, B. & Orr, B. (2004, March) *Adult students' perceptions of web and interactive video classes*. Proceedings of the Academy of Human Resource Development, Austin, TX, 946-953.

Thompson, D., Thompson, C., Lyle, B. & Orr, B. (2004). *Students' perceptions of human resource development classes presented by distance education*. *Human Resource Development: Cross-Cultural Comparative and International Perspectives*. Proceedings of the Fifth UFHRD/AHRD Conference, 4112.pdf.

Toner, M.A. (2004). Accepting a new voice; Importance of support groups. *Perspectives on Gerontology*, 9, 21-23.

Toner, M.A. (2004). Create-a-book project: Enhancing language, literacy, and motivation. SpeechPathology.com/articles/pf_arc_disp.asp?id=239.

Turner, R.C. (December 2004). *Member spotlight: Featuring Ronna Turner of the University of Arkansas and the "KIDS" program*. American Educational Research Association Special Interest Group: SIG Newsletter from measurement Services, p. 2-3.

Watson, D. (Ed.). (2004). *Journal of Interpretation*. Alexandria, VA: Registry of Interpreters for the Deaf.

Watson, D. (2004, July). *Improving outreach to American Indians and Alaska natives*. Paper presented at the National Institute on Disability and Rehabilitation Research meeting on Section 21 Capacity Building. Washington, D.C.

Watson, D. & Sabik, S. (2004, July). *An examination of selective quantitative and qualitative differences between Black deaf consumers and White deaf consumers*. Paper presented at the National Institute on Disability and Rehabilitation Research meeting on Section 21 Capacity Building. Washington, D.C.

Watson, D. (2004, September). *Improving employment outcomes for deaf persons at-risk via job coaching and workplace supports*. Paper presented at the Texas Commission for the Deaf and Hard of Hearing Training Conference, Austin.

Watson, D. (2004, September). *Grantsmanship 101: The basics*. Six-hour training program for managers of community-based deafness service programs in Texas, presented at the Texas Commission for the Deaf and Hard of Hearing Training Conference, Austin.

Watson, D. (2004, November). *Energizing VR services for hard of hearing consumers: Proposal for a national agenda*. Paper presented to the CSAVR Committee on Services for Individuals who are Deaf, Hard of Hearing, Late-Deafened, and Deaf-Blind, Nashville, TN.

Watson, D. & Agin, A. (2004). *Improving employment outcomes via job coaching and workplace supports*. Partners building bridges: National training conference for state coordinators of the deaf, deaf-blind, hard of hearing and late-deafened. Hot Springs: University of Arkansas, Regional Rehabilitation Continuing Education Program. .
<http://www.rcep6.org/SCD Conference Proceedings 2004/scd conf 2004.htm>

Williams, B. (2004). *Understanding vocational evaluations*. Illinois Rehabilitation Association Annual Conference, Springfield.

Williams, B. (2004) *Medical and psycho-social aspects of disability*. Arkansas Rehabilitation Association Annual Conference, Hot Springs.

Wills, F. & Hinton, B.E. (2004). *Competency-based teacher development*. Presentation to Arkansas Department of Workforce Development, Little Rock.

Wills, F. & Hinton, B.E. (2004). *Competency-based teacher development*. Presentation to Arkansas 2-Year Colleges Administrators, Little Rock.

Wills, F. (2004) Professional Development Institute. Arkansas Department of Workforce Education.

INVITED LECTURES:

Anderson, G.B., Boone, S., & Watson, D. (2004, October). *Role and function of SCDs and RCDs: Providing quality services in an era of change and challenge*. Invited presentation at the 2004 Southeast Regional Institute on Deafness, Nashville, TN

Anderson, G.B. (2004, August). *Perspectives on the history and development of vocational rehabilitation programs*. Invited presentation at the New Employee Orientation Program, Arkansas Rehabilitation Services, Hot Springs.

Banks, C. H. (2005). *A descriptive analysis of the perceived effectiveness of Virginia Tech's Faculty Development Institute*. Proceedings of the Academy of Human Resource Development Annual Research Conference. OH: AHRD.

Banks, C.H. (2005). *Met expectations hypothesis: The use of direct measures to develop participant surveys*. Refereed proceedings of the Academy of Human Resource Development Annual Research Conference. OH: AHRD.

Banks, C.H. (2005). *Diffusion of Innovation: Communicating to Improve Training and Employee Development*. Refereed proceedings of the Midwest Business Administration Association Annual Conference (North American Management Society) IL: MBAA.

Barta, K. & Neighbors, M. (2005, April). *Work satisfaction of school nurses*, 14th Annual Nursing Research Conference in Northwest Arkansas, Springdale, AR.

Barta, K. & Neighbors, M. (2005, June). *Work satisfaction of school nurses*. National School Nurses Association Annual Convention, Washington, D.C.

Biggs, B. T., (2005, May). *Determining change within training programs*. International Conference on HRD Research & Practice Across Europe. Leeds, England,

Biggs, B. T. & Gardner, M. L, (2005, May). *An analysis of a woman administrator's leadership competency behaviors and the effect on working climate*. International Conference on HRD Research & Practice Across Europe Leeds, England

Boone, S.E. & Watson, D. (2004, June). *Surviving and thriving at work*. Annual meeting of Self Help for Hard of Hearing People, Omaha, NB.

Boone, S.E. & Watson, D. (2005, March). *Surviving and thriving at work*. Referred paper presented at the presented at the 2005 Region II Training Conference, Whatever Works II. Paramus, NJ.

Boone, S., Sabik, S., Watson, D, Friend, J., & Conway, P. (2004, October). *Provider and researcher partnership to enhance services to deaf-at-risk in Kentucky*. Referred paper presented at the Southeastern Regional Institute on Deafness, Nashville, TN.

Boone, S., Nicholson, N., Martin, P. Vanbiervliet, A, & Smart, J., (2005, March). *Using baby hearing resources to enhance your EHDI program*. Paper presented at the 2005 Early Hearing Detection and Intervention (EHDI) Conference, Atlanta, GA.

Brescia, W. F. (2005). *Using undergraduates as discussion leaders to improve threaded discussion*. Paper presented at the Society for Information Technology & Teacher Education, Phoenix, AZ.

Brescia, W. F. (2005). *Mentoring graduate students in transition from a traditional to a hybrid classroom environment*. Paper presented at the International Mentoring Assoc., Oakland, CA.

Brescia, W., (2005). *Mentoring research in progress. Convener of session where four research projects in progress were presented*. Paper presented at the International Mentoring Association, Oakland, CA.

Brescia, W., (2004, November). *Enhancing graduate students' performance as threaded discussion leaders in a web-based proposal writing course*. Paper presented at the 33rd ARNOVA Conference. Los Angeles, CA.

Brescia, W. (2004, November). *Research needs in American Indian non-profit sector. Plenary: research on ethnicity and philanthropy*. Paper presented at the 33rd ARNOVA Conference, Los Angeles, CA.

Brescia, W. (2004, April). *Graduate students as telementors in threaded discussions*. Paper presented at the 17th International Mentoring Association Conference. Tampa, FL.

Brescia, W. (2004, April). *Role playing*. Paper presented at the Southern Educational Technology Conference brown bag lunch, Fayetteville, AR.

Brescia, W., (2004, April) *Mentoring research in progress*. Paper presented at the 18th International Mentoring Association Conference. Oakland, CA.

Brescia, W. & Pearman, C. (2004, March). *Using undergraduates as discussion leaders to improve threaded discussion*. Paper presented at the 16th International Conference, Society for Information Technology & Teacher Education. Phoenix, AZ.

Brescia, W. (2004, January). *Graduate students as threaded discussion leaders*. Paper presented at the Southeast Educational Technology Conference. Fayetteville, AR.

Brooks, K. & Lee, S. K. (2004). *Human resource development in Asia: Harmony and partnership*. 3rd Asian Conference of the Academy of Human Resource Development, Seoul, Korea.

Brooks, K., Nafukho, F.M., & Forrester, J. (2005). Partnerships in on-line learning: Development of an on-line course for application in a private firm and an undergraduate human resource development degree program. In Morris, M. L., & Nafukho, F.M. (eds.) *Refereed Proceedings of the Academy of Human Resource Development Annual Research Conference*. Bowling Green University, OH: AHRD.

Brooks, K., & Wills, F. (2004) *What might have been: Cross-cultural program planning and collaborative evaluation*. International Conference on HRD Research and Practice Across Europe 2004. Limerick, Ireland.

Brescia, W. F. (2005). *Improving online discussions with interaction*. Paper presented at the Enrichment Series, University of Arkansas School of Law, Fayetteville.

Brown, B. (2005, April). *Enhancing health and reducing costs for city employees through wellness programs. Outcome measurements are critical components of programs to convince third party of cost effectiveness*. Keynote presentation at Southeast Loss Control Conference, Baltimore, MD.

Buron, B. (2005, April). *Preserving personhood among long-term care residents living with dementia*. 14th Annual Nursing Research Conference in Northwest Arkansas, Springdale, AR.

Capps, M. A. (2005, April). *The teacher's role in middle school students' sense of belonging*. Paper presented at the American Educational Research Association Meeting. Montreal, Canada.

Capps, M. A., Holt, C. R., Denny, G. S., & DeVore, J.B. (2005, February). *Teachers' ability to perceive student learning preferences: "I'm sorry, but I don't teach like that."* Paper presented at the American Association of School Administrators Conference, San Antonio, TX.

Capps, M. A., & Holt, C. R. (2004, August). *Teacher perceptions of middle school students' sense of belonging in southeast Texas*. Paper presented at the National Conference of Professors of Educational Administration, Branson, MO.

Carnine, L., Holt, C. R., & Jones, M. (2004, March). *Accountability and no child left behind?* Paper presented at the Arkansas Professors of Educational Administration Spring Conference, Conway.

DiBrezza, R., Fort, I. (2005, April). *Peak performance. One size does not fit all*. National Association of Girls and Women in Sports. American Alliance for Health, Physical Education, Recreation and Dance, National Meeting, Chicago, IL.

Elliott, B. & Morledge, K. (2005, April). *Arkansas leadership academy master principal program*. Paper presented at the American Educational Research Association, Montreal, Canada.

Flores, G. A., (2004, October). *The time is now: Constructing our identity /ahora es el tiempo: construyendo nuestra Identidad*. Latino Greek Leadership Conference, Lawrence, KS.

Hammons, J. (2005, May). *Selecting, orienting, and training the next generation of faculty*. Paper presented at the International Conference on Teaching and Leadership Excellence, Austin, TX.

Hagstrom, F. & Agan, J. P. (2004). *Literacy: Building bridges between disability and employment*. National Rehabilitation Counseling Association Professional Development Symposium, Little Rock, AR.

Hagstrom, F., Hengst, J., Duff, M., Agan, J. & Shadden, B.(2004). *Meeting the challenge of the ICF framework with sociohistoric theory*. American Speech-Language-Hearing Association, Philadelphia, PA.

Hagstrom, F. & McGehee, M. *KASA crossing courses*. Poster. American Speech-Language-Hearing Association, Philadelphia, PA.

Hammons, J. (2005, May). *So you think you want to be a chair*. Paper presented at the International Conference on Teaching and Leadership Excellence, Austin, TX.

Hammons, J. (2005, May). *Identifying problems preventing chairs from performing effectively and finding workable solutions to them*. Paper presented at the International Conference on Teaching and Leadership Excellence, Austin, TX.

Hammons, J. (2005, March). *The role of chairs in enhancing institutional effectiveness*. Paper presented at the First Statewide Meeting of Department Chairs, Baton Rouge, LA.

Hammons, J. (2005, February). *Does a new broom sweep clean? The new provost as regime transition*. Paper presented at the Annual Meeting of the Eastern Educational Research Association, Sarasota, FL.

Hammons, J. (2005, February). *Teaching for differences: Culturally inclusive pedagogy in American higher education*. Paper presented at the 34th Annual Meeting of the Society for Cross Cultural Research, Santa Fe, NM.

Hammons, J. (2004, August). *Characteristics of an effective chair – or, are successful chairs born or made?* Paper presented at the Second Annual Statewide Conference of the Louisiana Two-Year Colleges, New Orleans, LA.

Hinton, B. & Park, O. (2004) *Building partnerships to deliver a distance education degree program*, 3rd Asian Conference of the Academy of Human Resource Development, Seoul, Korea.

Hinton, B.E., Nafukho, F.M., & Mungania, P, (2004). *Building partnerships to deliver a distance education degree program*. Invited presentation to the Executive Board, Kenyatta University, Nairobi, Kenya.

Holt, C.R, De Vore, J., Denny, G., & Capps, M. (2004) *5th & 6th grade learning preferences in northwest Arkansas*. National Conference of Professors of Educational Administration, Branson, MO.

Holt, C. R., Denny, G. S., Capps, M., & DeVore, J. B. (2005). *Teachers' ability to perceive student learning preferences*. Paper presented at the AASA National Conference Within a Conference, San Antonio, TX.

Holt, C. R., DeVore J., Denny G., & Capps, M. (2004, August). *5th and 6th grade learning preferences in Northwest Arkansas*. Paper presented at the National Conference of Professors of Educational Administration, Branson, MO.

Miller, M. (2005, March). *Presidential perceptions about graduate preparation programs for community colleges*. Paper presented at the Council for the Study of Community Colleges, Boston, MA.

Kippenbrock, T., & DeBasio, N., (2004, October). *National study of nursing faculty satisfaction and productivity – recruitment and retention of nurse educators: A report from NLN's task group*. Paper presented at the National League for Nursing Education Summit, Orlando, FL.

Kippenbrock, T., Gilbert-Palmer, D., & Stacy, A. (2004, July). *Southern United States NP's practice*. Paper presented at 15th International Nursing Research Congress, Dublin, Ireland.

Lawson, G. (2004, June). *Teaching ABI's in health assessment: The other vital sign*. Podium presented to the UAMS College of Nursing Nurse Educator Conference, Little Rock, AR.

Lawson, G. (2004, October). *Teaching ABI's in nursing school: The other vital sign*. Podium presented to the Associate Degree Nursing Sharing Day, University of Arkansas, Little Rock.

Lawson, G. (2004, November). *Including ABI's in the assessment of older adults: The other vital sign*. Podium presented to the 24th Annual Arkansas Aging Conference: Aging Well, Living Well. Sponsored by the Arkansas Association of Area Agencies on Aging and Division of Aging and Adult Services, Hot Springs Convention Center, Hot Springs.

Lee, S.M., Ng, K., Majzoub, O., Mohdzain, Z., Sandhu, D.S., Seto, A., & Chalungsooth, P. (2005, April). *Counseling Asian clients: A seven-member panel presentation*. Presented at the American Counseling Association Annual Conference, Atlanta, GA.

Lee, S.M., Puig, A., Lee, D.H., & Kim, T.H. (2005, April). *Religiosity and post-secondary degree attainment: Are they related?* Paper presented at the American Counseling Association Annual Conference, Atlanta, GA.

Miller, M. (2005, March). *Preliminary findings on the social and psycho-social impact of the community college on rural communities*. Paper presented at the Council for the Study of Community Colleges, Boston, MA.

Miller, M. (2005, March). *Leadership development through graduate education: Needs of community college presidents*. Paper presented at the American Association for Community Colleges National Convention, Boston, MA.

Miller, M. (2004, November). *Toward a knowledge base in higher education*. Paper presented at the Council for the Advancement of Higher Education Programs, Association for the Study of Higher Education Annual Meeting, Kansas City, MO.

Miller, M. (2004, November). *Strategy and luck: Marketing higher education programs*. Paper presented at the Council for the Advancement of Higher Education Programs, Association for the Study of Higher Education Annual Meeting, Kansas City, MO

Miller, M. (2004, October). *Community college student use of technology: Empowering learners or building walls?* Paper presented at the Association for Educational Communications and Technology Annual Convention, Chicago, IL.

Miller, M. (2004, August). *Assessing community college faculty senates and collaboration in decision-making.* Paper presented at the Southern Association for Community College Research, Lake Lanier, GA.

Miller, M. (2004, April). *Female community college students: How they deal with academic challenges and study skills.* Paper presented at the 46th Annual Conference of the Council for the Study of Community Colleges, Minneapolis, MN.

Moreledge, K. (2005, April). *Master principals make the difference – turning low-performing schools into high-performing schools.* Paper presented at the 65th Annual Conference National School Boards Association, San Diego, CA.

Mulvenon, S., Denny, G., & Stegman, C. (2005, April). *Improving college success: A comprehensive examination of student preparation.* Paper presented at the annual meeting of the American Educational Research Association, Montreal, Quebec.

Mulvenon S., & Denny, G. (2005, April). *Secondary school protective and risk factors for college success.* Paper accepted for presentation at the annual meeting of the American Educational Research Association, Montreal, Quebec.

Mulvenon, S. (2005, April). *Measurement anomalies associated with NCLB: Why the math doesn't work.* Paper presented at the Annual Conference of the American Educational Research Association, Montreal, Quebec.

Mulvenon, S., Stegman, C., McKenzie, S., & Watson, C. (2005, April). *Computation of confidence intervals for growth performance in determination of safe harbor eligibility.* Paper presented at the Annual Conference of the American Educational Research Association, Montreal, Quebec.

Mulvenon, S., Wang, K., & Anderson, T. (2005, April). *Graphical representation of educational achievement data using GIS and SAS.* Paper presented at the Annual Conference of the American Educational Research Association, Montreal, Quebec.

Mulvenon, S., Vasluski, T., & McKenzie, S. (2005, April). *Preparing researches for educational program (PREP): Examining grade inflation in Arkansas high schools.* Paper presented at the Annual Conference of the American Educational Research Association, Montreal, Quebec.

Mungania, P. & Reio, T. (2005). *If e-learners get there, will they stay? The role of e-learning self-efficacy.* In Morris, M. L. & Nafukho, F. M. (Eds.). *Proceedings of the Academy of Human Resources Development (AHRD) Annual Conference.* Estes Park, CO.

Mungania, P. (2005). *E-learning in organizations: The process of transition and change*. Sixth International Conference on HRD Research and Practice across Europe. Leeds, England.

Mungania, P. & Nafukho, F. M. (2005). *E-learning in Kenyan higher education institutions: Human resource policy implications*. Sixth International Conference on HRD Research and Practice across Europe. Leeds, England.

Mungania, P. & Murphy, Y. (2005). *Using distance learning technology to address the challenges associated with child-welfare training: An interdisciplinary, university–agency collaborative approach*. Technology track at the Council of Social Work Education (CSWE) annual conference, New York. NY.

Murphy, C. (2004, November). *Teaching with technology*. Not-So-New Faculty Luncheons sponsored by the Teaching and Faculty Support Center, Fayetteville, AR.

Murphy, C., & Martindale, R., (2004, October). *Live or memorex: Comparing online versus classroom lectures and effects on student achievement and attitude*. Paper presented at the annual conference for the Association for Educational Communications and Technology, Chicago, IL.

Murphy, C., & Fortner, A. (2004, October). *To mentor or not to mentor: Does instructor mentoring impact the quantity and quality of online discussion posts?* Paper presented at the Annual conference for the Association for Educational Communications and Technology, Chicago, IL.

Murphy, C. (2004, October). *Teaching with technology*. New Faculty Luncheons sponsored by the Teaching and Faculty Support Center, Fayetteville, AR.

Murphy, C. (2004, July). *Teaching with technology*. Paper presented at the Annual Teaching Retreat sponsored by the Teaching and Faculty Support Center, Eureka Springs, AR.

Nafukho, F. M. & Graham, C. M. (2005). Perceived effectiveness and application of organizational career development practices. In *Within, between and across boundaries, identifying the cutting edge of human resource development: The top ten papers from the 2004 Academy of Human Resource Development Conference Proceedings*. (pp. 50-57). Bowling Green University OH: AHRD.

Nafukho, F.M.& Graham, C.M., (2005). *Organizational learning mechanisms of a small business enterprise in the Midwestern United States*. In Morris, L. M., & Nafukho, F.M. (eds.). *Refereed Proceedings of the Academy of Human Resource Development Conference Proceedings*. (pp. 50-57). Bowling Green University OH: AHRD.

Nafukho, F. M. (2005). *Access, efficiency and equity considerations of the World Bank's African Virtual University project: A case study of Kenya*. In refereed proceedings of the 11th Association of African Universities Conference on the theme: Cross-border provision and the future of higher education in Africa, 335-359.

Nafukho, F.M., Hinton, B.E., & Yang, G.H. (2005). *The professionalization process of the Academy of Human Resource Development: Lessons from the current members for improvement*. In Morris, M. L., & Nafukho, F. M. (eds.). Refereed proceedings of the Academy of Human Resource Development Annual Research Conference. Bowling Green University OH: AHRD.

Newgent, R., Lee, S.M, Kissinger, D., & Farley, R. (2004, November). *Counseling supervision*. Paper presented at the annual conference of the Arkansas Counseling Association, Hot Springs.

Newgent, R., Kelly, J., & Kendrick, M. (2004, November). *The SUCCESS project: Secondary school counselors and college retention*. Paper presented at the Arkansas Counseling Association 2004 annual conference, Hot Springs.

Newgent, R. (2004, October). *Pragmatics of supervision: What, where, when, how?* Supervision Symposium, University of Arkansas, Fayetteville.

Newgent, R. (2004, October). *Learning to think like a supervisor*. Supervision Symposium, University of Arkansas, Fayetteville.

Newgent, R., Stegman, C., Daniel, A., C. McKenzie, S. & Holaway-Johnson, C. (2005, February). *Structuring the elementary classroom to facilitate learning*. Paper presented at the Southwest Educational Research Association (SERA) 2005 Annual Meeting, New Orleans, LA.

Newgent, R., Daniel, A., Stegman, C., Mulvenon, S., & McKenzie, S. (2004, February). *All children excel in school (ACES): Evaluation of social service and academic interventions to address "No Child Left Behind" legislation*. Paper presented at the Southwest Educational Research Association Annual Meeting, Dallas, TX.

Newgent, R., White-Kress, V., Sherman, N., Eriksen, K., Hartwig-Moorhead, H., Duba, J., Paez, S., Cruishanks, D., Kelly, B. (2005, April). *Professional advocacy: Creative methods for advocating and helping others to advocate*. Paper presented at the American Counseling Association (ACA) 2005 World Conference, Atlanta, GA.

Ritter, G.W. & Barnett, J.H. (2005, April). *Punitive damages: Evaluating the policies governing the use of corporal punishment familial, social, and school influences on child and adolescent development*. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

Ritter, G.W. & Barnett, J.H. (2004, October). *Exploring the characteristics of high-flyers in the primary grades*. Paper presented as the annual meeting of the Association for Public Policy Analysis and Management, Washington, D.C.

Ritter, G. & Hudson, V. (2005, March). *What is the impact of accountability programs on student achievement?* Paper presented at the Annual meeting of the American Education Finance Association, Louisville, KY.

Ritter, G.W., Vogel, C., & Suitt, L. (2005, April). *Exploring the relationship between television viewing and attentiveness at school using ECLS-K database.* Paper presented at the Annual meeting of the American Educational Research Association, Montreal, Canada.

Ritter, G.W. & Barnett, J.H. (2005, March). *What does money buy? An evaluation of the results of New Jersey's Abbott IV Decision.* Paper presented at the Annual meeting of the American Education Finance Association, Louisville, KY.

Ritter, G. W., Lucas, C. J., Turner, R. C., Minkel, K., & Williams, T. L. (2004, October). *Keeping score: What do we know about the impact of statewide school accountability programs on student achievement?* Paper presented at the annual meeting of the Association for Public Policy Analysis and Management, Washington, DC.

Ritter, G. W. (2004, October). *Informing policymakers: The office for education policy at the University of Arkansas.* Presented to the University of Arkansas chapter of Phi Delta Kappa, Fayetteville.

Ritter, G. W. (2004, June). *Public education and social justice.* Presented at the 2004 Ecumenical Mission Conference at Mt. Sequoyah Retreat Facility, Fayetteville, AR.

Roessler, R. (2004, May). *Surveying the employment concerns of college students with disabilities.* Presenter at the Association on Higher Education and Disability International Conference, Miami, FL.

Roessler, R. (2004, September). *Employment preparation concerns of college students with disabilities.* Presenter at National Rehabilitation Counseling Association Annual Professional Development Symposium, Little Rock, AR.

Roessler, R. (2005, January). *Career services needs of college students with disabilities: Program planning priorities* Presenter at Hawaii International Conference on Education, Honolulu, HA.

Roessler, R. (2005, February). *Consumer perspectives on the ticket to work: Factors affecting utilization.* Presenter at National Council on Rehabilitation Education Annual Conference, Tucson, AZ.

Roessler, R. (2005, March). *Habits of effective school-to-work transition services.* Keynote speaker, School-to-Work Transition Conference, Arkansas Support Network, Hot Springs.

Sabik, S. (2004, August). *Vocational issues: A work related panel*. Invited presentation at the annual conference of the Association for Late Deafened Adults, Burlington, VT.

Sabik, S. (2004, September). *Emerging groups. Fibromyalgia: Implications for rehabilitation counselors*. Invited presentation at the 2004 National Rehabilitation Counseling Association Professional Development Symposium. Little Rock, AR.

Shadden, Barbara B. (2004, November). *Exercise intervention in rural senior centers to improve strength and balance among community dwelling older adults*. Poster presentation with Di Brezzo, R. & Powers, M. at the 57th Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C.

Shadden, Barbara B. (2004, November). *Service needs and utilization of employed caregivers*. Poster presentation with Powers, M., & Di Brezzo, R. at the 57th Annual Scientific Meeting of the Gerontological Society of America, Washington, D.C.

Shadden, Barbara B. (2004, November). *Student participation in a stroke support group: Enhancing aphasia understanding*. Workshop co-presented with Barton, K., Warren, L., Kipp, A., & Ellington, W. at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.

Shadden, Barbara B. (2004, April). *PUSH – Project Urging Senior Health*. Program session co-presented with DiBrezzo, R. & Fort, I. at the 2004 American Association for Health Physical Education Recreation and Dance, New Orleans, LA.

Shadden, Barbara B. (2004, November). *When communication means giving up on speech*. Poster session with Warren, L., Barton, K., Brown, M. and other students at the Annual Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.

Shadden, Barbara B. (2004, November). *Computer use by residents in a retirement community*. Concurrent lecture co-presented with Brescia, W. & Johnson, A. L. at the 26th Annual Partnerships for Aging Professional Development Institute and Trade Show, Kansas City, MO.

Smith-Blair, N., McSpadden, R., Swanson, K., & Smith, Abigail (2005, April). *Diaphragm contractility and oxidant stress in emphysematous hamster diaphragm*. 14th Annual Nursing Research Conference in Northwest Arkansas, Springdale, AR.

Stegman, C., Holaway-Johnson, C., Mulvenon, S., McKenzie, S., Turner, R., Morton, K. (2005, April). *Data sets for use in statistic, measurement, and design courses*. Paper presented at the annual meeting for the American Educational Research Association, Montreal, Canada.

Stegman, C., Mulvenon, S., Johnson, C. & Fritts, C. (2004, November). *Arkansas best practices study, helping educators integrate data and best practices from high-performing schools*. Paper presented at the Educational Testing Service (ETS), Princeton, NJ.

- Toner, M.A., Lee, R.E. and Brown, K (2004). *Effect of presentation modality on comprehension of instructional material*. 2004 ASHA National Convention of the American Speech-Language-Hearing Association, Philadelphia, PA.
- Turner, R.C., Calleja, P. & Salamo, G. (2005, March). *University of Arkansas K-12, I do science*. Poster session presented at the National Science Foundation Annual GK12 Project Meeting, Washington, D.C.
- Turner, R.C., Calleja, P. & Salamo, G. (2005, March). *The University of Arkansas GK12 KIDS program: Changing graduate training to include a responsibility for K-12 science and math education*. Paper presented at the National Science Foundation Annual GK12 Project Meeting, Washington, D.C.
- Turner, R.C., & Twitty, L.L. (2005, April). *Partnering measurement professionals with scientists and K-12 educators: Evaluating the KIDS Project*. Paper presented at the annual meeting for the American Educational Research Association, Montreal, Canada.
- Turner, R. C., Mulvenon, S. W., & Adams, D. J. (2004, November). *Evaluating the University of Arkansas' microelectronics-photonics program*. Paper presented at the annual meeting for the American Evaluation Association, Atlanta, GA.
- Turner, R.C., Vickers, K., Salamo, G. & Foster, R. (2005, March). *Graduate physics education – adding industrial culture and methods to a traditional graduate physics program*. Paper presented at the annual meeting of the American Physical Society, Los Angeles, CA.
- Watson, D., Schroedel, J., & Ashmore, D. (2004, July). *A national research agenda for post high-school career training: What are your viewpoints?* Refereed paper presented at the meeting of the National Association of the Deaf, Kansas City, MO.
- Watson, D., Boone, S. & Schroedel, J. (April, 2005). *Patterns in the employment and vocational rehabilitation of hard of hearing persons*. In Partners United for Empowerment, Education and Employment of People Who are Deaf, Hard of Hearing, Late Deafened, and Deaf-Blind Western Symposium on Deafness, San Diego, CA.
- Watson, D., Boone, S. & Anderson, G. (2005, March). *Role and function of SCDs and RCDs: Providing quality services in an era of change and challenge*. Refereed paper presented at the 2005 Region II Training Conference, Whatever Works II. Paramus, NJ.
- Watson, D., Boone, S., & Schroedel, J. (2004, October). *Invigorating VR services to hard of hearing consumers: A professional dialogue*. Refereed paper presented at the Southeastern Regional Institute on Deafness, Nashville, TN.

Watson, D. & Agin, A. (2004, May). *Improving employment outcomes via job coaching and workplace supports*. Refereed paper presented at the Partners Building Bridges: Conference for State Coordinators and Related Professionals Serving Persons With Hearing Loss. Washington, D.C.

Watson, D. & Boone, S.E (2004, July). *Surviving and thriving at work*. Refereed paper presented at the meeting of National Association of the Deaf, Kansas City, MO.

Young, M. (2004, August). *Keep a Clear Mind*. Training workshop for the Wisconsin Prevention Conference, Madison, WI.

Young, M. (2004, October). *What does the literature say about the behavioral impact of abstinence education programs?* ASHA Research Council Award Winner Lecture, American School Health Association, Pittsburgh, PA.

Young, M. (2004, December). *Sex Can Wait*. Training workshop for Alabama State University, Montgomery.

Young, M. (2004, November). *Sex Can Wait*. Training workshop for the South Carolina Department of Education, Columbia.

Young, M. (2005, March). *Keep A Clear Mind*. Training workshop for the Ohio Prevention Resource Center, Columbus.

Young, M. (2005, April). *Enhancing research productivity in health education: What, why, and how?* The 2005 scholar lecture. The American Association for Health Education, Chicago, IL.

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:

Biggs, B. T., Baltz, M., & Martin, S. (2005). *AR early childhood frameworks for three and four year old children: An introduction*. (Instructor and Participant Manuals.) University of Arkansas Early Care and Education Projects, Fayetteville.

Biggs, B. T. (2004). Publication guidelines for refereed and/or descriptive journal articles. *ATEA Journal*.

Biggs, B. T., & Slaughter, S. (2005). *Relationship of AECE framework benchmarks to other measurements* (AOM). University of Arkansas Early Care and Education Projects, Fayetteville.

Biggs, B. T. (2005). *Topics of study* (monograph) University of Arkansas Early Care and Education Projects and School of Human Environmental Sciences, Fayetteville.

Biggs, B. T. (2004). *AR early childhood education framework handbook for three and four year old children* (monograph). University of Arkansas Early Care and Education Projects and Division of Child Care and Early Childhood Education, Arkansas Dept.of Human Services.

Brown, B., Gorman, D., Langsner, S., Hunt, S., & DiBrezzo, R. Parpa, K. & Journey, L. (2004, November). *The physical attributes required of firefighters are similar to athletes and can be developed in a relatively short time period using incentive programs.* The World Congress Sport for All, Rome, Italy.

Brown, B., Gorman, D., Langsner, S., Hunt, S., DiBrezzo, R. Parpa, K., & Journey, L., (2004, November). *The physical attributes required of firefighters are similar to athletes and can be developed in a relatively short time period using incentive programs.* 10th World Sport for All Congress 2004, Rome, Italy.

Brown B., Journey L., Parpa K., Kreider D., Michaelides, M., and Thompson, B. (2005, June). *Physiological stress among firefighters and its relationship to selected components of fitness.* American College of Sports Medicine, Nashville, TN.

Brown, B., Michaelides, M., and Kreider, D. (2005, June). *Does testosterone relate to physical maturity of 13-14 year-old boys involved in American football?* American College of Sports Medicine, Nashville, TN.

Brown, B. & Parpa, K. (2005, June). *Prevalence of fibromyalgia in the workplace with associated symptoms and patterns of activity.* American College of Sports Medicine, Nashville, TN.

Di Brezzo, R., Shadden, B.B. & Powers, M. (2004, November). *Discussion of a model exercise program for senior centers: Project PUSH.* Workshop presented at the 24th Annual Arkansas Aging Conference, Hot Springs.

Di Brezzo, R., Fort, I. & Gray, M., (2005, March). *Muscular strength correlates with bone mineral density in perimenopausal women.* Research Council, Southern District Annual Meeting, American Alliance for Health, Physical Education, Recreation and Dance, Little Rock, AR.

DiBrezzo, R., Ferguson, R.H., Mayhew, J.L., Piper, F.C., & Ball, T.E. (2005, June). *Analysis of the Margaria-Kalamen anaerobic power tests in college men and women.* The annual meeting of the American College of Sports Medicine, Nashville, TN.

Ferguson, R.H., Block, E., Davenport, S., & Dixon, A. (2005, March). *Peer assessment of overhand throwing in elementary students.* Paper presented at the annual meeting of the Southern District of the American Alliance of Health, Physical Education, Recreation, and Dance, Little Rock, AR.

Ferguson, R.H., McNeill, G., Coens, M., . & Shields, S. (2005, March). *The influence of verbal and visual motivation on student performance in the weight room.* Paper presented at the annual meeting of the southern district of the American Alliance of Health, Physical Education, Recreation, and Dance, Little Rock, AR.

Ferguson, R.H., Mossman, R., Harless, J., & Pryor, K., (2005, March). *Activity levels of middle school boys and girls during participation in various gender-typed activities*. Paper presented at the annual meeting of the southern district of the American Alliance of Health, Physical Education, Recreation, and Dance, Little Rock, AR.

Ferguson, R.H., Keating, X., & Guan, J. (2005, April). *California physical education teachers' attitudes toward the Fitnessgram*. Poster presented at the annual meeting of the American Alliance of Health, Physical Education, Recreation, and Dance, Chicago, IL.

Ferguson, R.H., Lirgg, C.D., Gorman, D., & Ting, L. (2005, April). *The effect of modified golf equipment and instruction on self-efficacy in golf skills*. Poster presented at the annual meeting of the American Alliance of Health, Physical Education, Recreation, and Dance, Chicago, IL.

Ferguson, R.H., Mayhew, J.L. & Ting, L. (2005, June). *Generalizability of a 7-10-RM test to predict maximum bench press strength in college women*. Paper presented at the annual meeting of the American College of Sports Medicine, Nashville, TN.

Flores, G. A. & Kendrick, M. (2005, March). *Building a Student Success Model Through Academic Persistence*. NACADA Regional Conference, Oklahoma City, OK.

Hughes, J., Moiseichik, M. & Contant, E. (2004, October). *Extremes sports: The new generation of programs*. National Park and Recreation Congress and Exposition, Reno, NV.

Hughes, J. & van der Smissen, B. (2005, March). *Legal life-cycle of action and adventure activities*. Sport and Recreation Law Association. Virginia Beach, VA.

Jones, C. (2005, May). *Safety of all terrain vehicles: Findings from the NEISS all injury program for 2000-2002*. National Injury Prevention and Control Conference, Denver, CO.

Jones, C. (2005, May). *Personal watercraft-related injuries: Epidemiology as identified in the 2000-2002 NEISS all injury program*. National Injury Prevention and Control Conference, Denver, CO.

Kern, J.C. & Calleja, P. (2005, January). *A collaboration between middle school physical education, science, and math teachers for improved physical education, science, and math programs*. Presented at the National Association for Physical Education in Higher Education Conference, Tuscon, AZ.

Lawson, G. (2004). Your vascular system. *Aging Arkansas*, 17(12,) (see App. X), 6.

Lawson, G. (2004, September). *Incorporating ABI's in to the nursing curriculum*. Podium presentation to University of Arkansas Phillips County Community College.

Moiseichik, M., & Hughes, J. (2005, March). *Anti-trust: Creating an understanding through sport litigation*. Sport and Recreation Law Association. Virginia Beach, VA

Nafukho, F. M. & Hinton, B. E. (2004). A model for predicting tractor-trailer truck drivers' job performance related to highway safety. [Abstract]. *University of Arkansas Mack-Blackwell Rural Transportation Center Annual Report 2003-2004*, p. 17.

Neighbors, M. (2004, August). *Professional image, career building, developing personal action plans*. Presented sessions at the School Nurse Summer Institute, Fayetteville, AR.

Neighbors, M. (2004, August). *Ethics in clinical/practicum teaching*. Baum Teaching Workshop held at Continuing Education, Fayetteville, AR.

Powers, M., Shadden, B.B., & Di Brezzo, R. (2004, November). *Designing an appropriate living environment for seniors*. Concurrent lecture presented at the 26th Annual Partnerships for Aging Professional Development Institute and Trade Show, Kansas City, MO.

Powers, M., Fort, I., & Di Brezzo, R. (2004, November). *Body composition assessment in aging women*. The Gerontological Society of America Annual Meeting, Washington, D.C.

Riggs, C. E., Hickey, C. M., Michaelides, M., Parpa, K., Hurst, S., & Facsm. (2004, October). *Effect of high intensity exercise on oxidation of fatty acids in mice with enzyme deficiency*. Cscacsm annual meeting, Kansas City, MO.

Riggs, C. E., Martin, D. E., Michaelides, M., & Facsm. (2005, June). *Effect of exercise on cardiac function in mice with lcad and vlcd enzyme deficiency*. Acsm annual meeting, Nashville, TN.

Ritter, G. W., Summers, J., Barnett, J. H., & Greer, J. (2004). Arkansas school finance 2004: Under the eyes of two special masters. Report published by the School Finance Special Interest Group of the American Educational Research Association in the *Annual Monograph From the Proceedings of the State of the States and Provinces Symposium*.

Smith-Nix, A. (2005, March). *Predatory coaches and the circle of trust*. Sport and Recreation Law Association, Presentation at Annual Conference in Virginia Beach, VA.

Thompson, D., Thompson, C., Lyle, B., & Orr, B. (2004). *Adult students' perceptions of web and interactive video classes*. Academy of Human Resource Development 2004 Conference, Austin, TX.

Thompson, D., Thompson, C., Lyle, B., & Orr, B. (2004). *Students' perceptions of human resource development classes presented by distance education*. Fifth International Conference on HRD Research and Practice Across Europe 2004, Limerick, Republic of Ireland.

Turner, L.W. & Bleeker-Freeman, J., (2005, March). *Perceived exercise barriers and self-efficacy among college women: Results from a six-month osteoporosis intervention*. American Academy of Health Behavior Annual Conference, Charleston, SC.

Turner, L.W. & Simpson, D, (2005, March). *Reaching underserved populations: Osteoporosis education in emergency healthcare*. American Academy of Health Behavior Annual Conference, Charleston, SC.

Turner, L.W., Skaife, M.& Wallace, L.S. (2005, March). *Osteoporosis information in introductory college health textbooks: A content analysis*. American Academy of Health Behavior Annual Conference, Charleston, SC.

Turner, L.W., Hunt, S.B. Coates, A.M. & Tyson A.M., (2005, March). *Perceived body image, eating patterns, and bone mineral density among college-aged women*. Southern District Alliance of Health, Physical Education, Recreation and Dance Annual Convention, Little Rock, AR.

Turner, L.W. & Bleeker-Freeman, J., (2005, April). *Osteoporosis risk factor knowledge among college women: Is there more to bone than dairy?* American Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Chicago, IL

Turner, L.W., Hunt, S.B., Freeman, J.B. Wallace, L.S. (2005, April). *Weight control behaviors and fruit and vegetable intakes among US adolescent athletes*. American Alliance for Health, Physical Education, Recreation and Dance Annual Conference, Chicago, IL.

Turner, L.W., Wallace, L.S., Rogers, E.S., Keenum, A.J., & Weiss, B.D. (2005, May). *Suitability and readability of over-the-counter medication supplemental materials*. The 4th Annual Meeting of the Institute for Healthcare Advancement, Irvine, CA.

Turner, L.W., Cole, M. & Wallace, L.S. (2005, June). *Comparison of body fat assessment procedures: Bioelectrical impedance and dual-energy X-ray absorptiometry*. American College of Sports Medicine Annual Meeting, Nashville, TN.

Turner, L.W., Wallace, L.S., Earl, M., Rogers, E.S., Parham, J.S., Wallace, R., (2004, October). *Are the results of the study valid? Development and evaluation of a worksheet to evaluate cross-sectional research studies*. 17th World Conference of Family Doctors, Orlando, FL.

Williams, T. L., & Langsner, S. J.(2004, October). *Preparing future recreation and leisure professionals*. Poster session. Leisure Research Symposium, National Congress for Recreation and Parks, Reno, NV.

Young, M. and Denny, G. (2004, July). *Liars, cheaters, and thieves: Correlates of undesirable character behaviors in adolescents*. International Social Science Conference, Honolulu, HI.

Young, M. and Wells, M. (2004, August). *Keep A Clear Mind-Training for a SAMHSA Model Program*. Invited workshop at the Wisconsin Prevention Conference, Wisconsin Rapids.

Young, M. and Fikes, L. (2004, November). *Self-esteem and sexual behavior in an adolescent population*. Presented at the annual meeting of the Society for the Scientific Study of Sexuality, Orlando, FL..

Young, M., Denny, G. & Brinkman, M. (2004, November). *Patient satisfaction among penile prostheses patients*. Presented at the annual meeting of the Society for the Scientific Study of Sexuality, Orlando, FL.

Young, M. Fikes, L., Penhollow, T. & Flowers, A. (2004, November). *The relationship of abortion attitudes to abortion decision making*. Presented at the annual meeting of the Society for the Scientific Study of Sexuality, Orlando, FL.

Young, M., Wells, M., and Donnelly, J. (2004, November). *Self-esteem and substance use among students in grades 6-12*. Presented at the annual meeting of the American Public Health Association, Washington, D.C.

Young, M., Donnelly, J., and Goldfarb, E. (2005, January). *Abstinence education: What does the federal government say? What does the research say?* A workshop presented at the 2005 International Hawaiian Conference on Education, HI.

Young, M., Marx, A., & Penhollow, T., (2005, January). *Recreational sex: Correlates of sexual and leisure satisfaction*. Paper presented at the 2005 International Hawaiian Conference on Education, HI.

Young, M., Denny, G., and Penhollow, T. (2005, February). *Adolescent sexual behavior and other health behaviors*. Presented at the 2005 annual meeting of the American Academy of Health Behavior, Charleston, SC.

Young, M. (2005, April). *Promoting research productivity in health education: What? Why? and How?* AAHE scholar lecture. Presented at the 2005 annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, IL.

Young, M. & Skaife, M. (2005, April). *Predicting problem drinking among college students*. Presented at the 2005 annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, IL.

Young, M., Knickerbocker, C., and Penhollow, T. (2005, April). *Religious Attendance and Sexual Attitudes and Behaviors Among College Students*. Presented at the 2005 annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, IL.

Young, M. & Jacky, T. (2005, April). *The relationship of adolescent tobacco use to other health behaviors*. Presentation at the 2005 annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Chicago, IL.

COLLEGE OF ENGINEERING

BOOKS:

Ang, Simon and Alejandro Oliva, Power-Switching Converter, 2nd Edition of Textbook, Marcel Dekker Publisher. Publication date: April 2005, ISBN 0-8247-2245-0.

Brown, W. D., Co-editor and Contributor to the textbook Electronic Systems Packaging: A Comprehensive Guide; Publisher: Wiley/IEEE Press.

Couvillion, Rick, “Chapters 2 (Fluid Flow), 3 (Heat Transfer), 4 (Two-phase Flow), and 5 (Mass Diffusion).” In *ASHRAE Fundamentals Handbook* Atlanta: American Society of Heating, Refrigerating and Air-Conditioning Engineers, published annually in electronic form. Printed version published in 2001 and 2005

Couper, James R., W. Roy Penney, James R. Fair, and Stanley M. Walas. *Chemical Process Equipment: Selection and Design*, 2nd Edition. Burlington, MA: Elsevier, 2005.

Fant, E. W. *Consider Machine Vision. 6th edition, an electronic book*, K and L Consultants, Fayetteville, Arkansas, January 2005.

Manasreh, O., Semiconductor Heterojunctions and Nanostructures A textbook by Omar Manasreh, McGraw-Hill, New York, May 2005, 554 pages, ISBN: 0071452281.

Manasreh, O., Optoelectronic Properties of Semiconductors and Superlattices” A book series edited by M. O. Manasreh (Taylor and Francis, transferred from Gordon and Breach). A total of 21 volumes. The latest volumes published this year are: Volume 20: Optoelectronic and electronic properties of SiC: Applications and Devices, Volume editor: C. Z. Feng, (January 2004). Volume 21: Diluted Nitride materials and devices, Buyanova and Chen, (October 2004).

Manasreh, O., Semiconductor materials and devices. A book series edited by Omar Manasreh published by Artech House: The following volumes were published this year.
Volume 1: SiC Devices and Technology. Edited by S. Saddow, May 2004
Volume 2: Self-assembly Quantum Dots. Edited by T. Steiner, May 2004.
Volume 3: Optics of Quantum Dots and Wires. Edited by G. Bryant and J. Solomon, Dec 2004.

Manasreh, O., Nanoscience and Nanotechnology A new book series edited by Omar Manasreh and published by McGraw-Hill. Eight volumes are currently in either production or preparation. The goal is to establish a publication rate of five volumes per year on various topics.

Manasreh, O., Progress In Semiconductor Materials III: Electronics and Optoelectronics, Co-Edited by Omar Manasreh. MRS Volume 799 (2004).

Manasreh, O., Progress In Semiconductor Materials IV: Electronic and Optoelectronic Applications, A Proceeding edited by Gail Brown, M. Manasreh, B. Biefeld, and C. Gmachl (Materials Research Society, Volume 829, 20054).

Roychowdhury, J., and **H. A. Mantooth**, Analog Simulation: Circuit level (including RF methods and noise) and Behavioral level, CRC EDA Handbook.

Chen, L. F., C. K. Ong, C. P. Neo and **V. K. Varadan**. Microwave Electronics: Measurement and Materials Characterization, John Wiley, 2004.

Chiao, J.C., A. J. Hariz, D. N. Jamieson, G. Parish and **V. K. Varadan**, Device and Process Technologies for MEMS, Microelectronics and Photonics, SPIE Press Vol. 5276, 2004.

Varadan, V. K., Smart Electronics, MEMS, BioMEMS and Nanotechnology, SPIE Press, Vol. 5389, 2004.

Varadan, V. K., Smart Electronics, MEMS, BioMEMS and Nanotechnology, SPIE Press, Vol. 5763, 2005.

Varadan, V.K., Editor, "Wireless microsensor solutions for neurological implantable devices," Vol. 5763, SPIE Press, 2005.

BOOK CHAPTERS:

Abraham, J. K., A. Whitchurch and V. K. Varadan, "Wireless microsensor solutions for neurological implantable devices," Smart Electronics, MEMS, BioMEMS and Nanotechnology, edited by V. K. Varadan, Vol.5763, 36-46, SPIE Press, 2005.

Abraham, J. K., S. Karjathkar, S. Jacesko and V. K. Varadan, "Identification of soft drinks using MEMS-IDT microsensors," Smart Electronics, MEMS, BioMEMS and Nanotechnology, edited by V. K. Varadan, Vol.5763, 414-424, SPIE Press, 2005.

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Zhang, K. L., S. K. Chou, and **S. S. Ang**, "A Solid Propellant Microthruster with Metal Igniter," *PowerMEMS 2004*, November 28-30, 2004, pp. 129-132, Kyoto, Japan

Zhang, K. L., S. K. Chou, and **S. S. Ang**, "A Solid Propellant Microthruster for Micropropulsion Applications," *13th International Conference on Solid State Sensors, Actuators and Microsystems (IEEE Transducers'05)*, June 5-9, 2005, pp. 672-675, Seoul, Korea.

Li, Y., **S. S. Ang**, X. Su, and Y. Xi. 2004, "Microfluidics based optical biosensor for rapid detection of Escherichia coli O157:H7," *CIGR International Meeting*, October 11-14, 2004, Beijing, China.

Li, Y, **S. S. Ang**, L. Yang, and R. Al-Hadda, "A Microelectrode Based Impedance Immunosensor for Detection of E. coli O157:H7 in Foods," *American Society of Agricultural Engineers 2004 Annual Meeting*, August 1-4, 2004, ASAE paper no. 047044, Ottawa, Canada.

Liu, W-T., L. Zhu, Emily S. Y. Li, **S. S. Ang**, and A. A. O. Tay, "Potential of Nano- and Micro-Fabricated Technologies in the Detection of Biological Threats," *1st Nano-Engineering and Nano-Science Congress 2004*, 7-9 July 2004, Singapore.

Zhang, Q. L. Zhu, H. Feng, **S. S. Ang**, F. S. Chau, and W-T Liu, "Microbial Detection in Microfluidic Devices through Nanocrystal-labeled Immunoassay and RNA Hybridization," *1st Nano-Engineering and Nano-Science Congress 2004*, 7-9 July 2004, Singapore.

Ang, Simon, Invited Lectures Series, "Mixed-Signal Test Engineering" National ASIC and System Laboratory, Fudan University, Shanghai, China. June 1 to June 13, 2005.

Liao, E. B., A. A. O. Tay, **S. S. Ang**, H. H. Feng, R. Nagarajan, and V. Kripesh, "Effects of Wetting Angle and Loading Direction on Solder Shape Evolution and Deformation Behavior of a Miniature Flip-chip Interconnect," *Electronic Packaging Technology Conference*, December 10-12, 2004, Singapore.

Babcock, R. E., and Greg J. Thoma "Field Demonstration for the Continuous Measurement of Crude Oil Stock Tank Emissions." *Presented at the International Petroleum Environmental Conference*, Albuquerque, NM, October 14, 2004

Plaza, J., **R.E. Babcock**, and G.J. Thoma "Data for Design of Vapor Recovery Units for Crude Oil Stock Tank Emissions." *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004

Funaki, T., J. Balda, J. Junghans, F. Barlow, H. Mantooh, T Kimoto, "Power Conversion with SiC Diodes at Extremely High Ambient Temperatures," and T. Hikihara, *PESC 05*.

Barlow, Fred, Presentation of a collection of patent disclosures to Select University Technologies INC. (SUTI), in coordination with Scott Hancock from RSP. November 17, 2004, Costa Mesa, CA. Result has been signing of an option agreement between SUTI and University Of Arkansas.

Bhat, Deepak G. Nikhil P. Joshi, Steve Tung and Min Zou. "Synthesis of Carbon Nanotubes and Their Applications-A Review." *Invited talk at the Jornadas de Investigacion de Facultad de Ingenieria (JIFI-2004)*, Faculty of Engineering, Central University of Venezuela, Caracas, Venezuela, (2004): November

Bhat, Deepak G. "A Study of Structural Evolution in Al-Cu powders Processed by Mechanical Alloying." *Invited lecture at the Pune Institute of Engineering and Technology (formerly Government College of Engineering, Pune)*, under the auspices of the Pune Chapter of the Indian Institute of Metals, Pune, India, (2004): December

Brown, W. D., "The Nonvolatile Semiconductor Memory Workshop - A Look Back," *20th NVSMW 2004*, August 22-26, 2004, Monterey, California (Keynote Address).

Brown, W. D., Ajay P. Malshe, and Wenping Jiang, "Electrostatic Deposition of Nanoparticles for Direct Writing of Functional Materials and Structures," *Workshop on Bridging Direct Write Technology Dimensions*, June 27-July 1, 2004, Seward, Alaska. (INVITED)

Brown, W. D., "Microelectronics and Nanotechnology Research and Education at the University of Arkansas," *IEEE Ozark Section Meeting*, September 16, 2004, Fayetteville, Arkansas. (INVITED)

Burkett, S., A. J. Walton, and S. Spiesshoefer, "Travel Grants to Foster International Collaborations," *Proc. ICEE-04, International Conference on Engineering Education*, University of Florida, Gainesville FL, October 2004.

Cai, Li, Min Zou, Hameed Naseem, and William Brown, "Nano Aluminum Films Induced Crystallization of Amorphous Silicon," *The Electrochemical Society International Semiconductor Technology Conference*, September 15-17, 2004, Shanghai, China.

Jerry W. King, Clausen, EC, **Carrier, DJ**. "Optimization and Experimental Pitfalls in the Use of Subcritical Fluids". Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. Invited.

Carrier, DJ, and Clausen EC, "Bioprocess Engineering" Bioresource Engineering Department, McGill University, Montreal, Canada, November 2004. Invited.

Cassady, C. R. "Selective Maintenance Modeling for Extended Planning Horizons." INFORMS Annual Meeting, Denver, Colorado, October 2004.

Chaubey, I. "Water resources, sustainable agriculture, and economic development in Arkansas: an Ecological Engineering solution". Rural Friendship Development Day conference. Fayetteville, AR. August 12, 2004. (Invited Presentation).

Chua, Y.C., Jie Liang, B.S. Passmore, E. A. Decuir, M.O. Manasreh, Zhiming Wang, and G.J. Salamo, "Intersubband Transitions in In_{0.3}Ga_{0.7}As/GaAs Multiple Quantum of Varying Dot-Sizes," *MRS 2004 Fall Meeting*. Oral Presentation See paper # B1.4 of the attached MRS program.

Carrier, D.J., and **E.C. Clausen** "Medicinal Compounds Extracted from Plants." *Presented at the ASAE/CSAE (American Society of Agricultural Engineers/Canadian Society of Agricultural Engineers) Annual International Meeting*, Ottawa, Ontario, Canada, August 2004.

Carrier, D.J., **E.C. Clausen**, L.Duan, G.F. Erf, K.L.S. Vaughn, and S.N. Wallace "The Cytoprotective Effects of Milk Thistle and Lycopene on Oxidatively Stressed Avian Microphage Cells." *Presented at the 2004 State-wide Arkansas Biosciences Institute Conference*, Little Rock, AR, October 2004.

Clausen, E.C., and J.L. Gaddy "Ethanol from Biomass Through Gasification/Fermentation." *Presented at the South Central Region Sun Grant Initiative Conference & Workshop*, Oklahoma City, OK, June 2004.

Subramaniam, S., D.J. Carrier, and **E.C. Clausen** "An Alternative to Petroleum Ether Defatting: Pretreatment of Milk thistle Seeds to Increase the Silymarin Yield." *Presented at Annual Meeting of the Arkansas Section of the American Society of Agricultural Engineers*, Little Rock, AR, October 2004.

Wallace, S., D.J. Carrier, K. Vaughn, S. Subramaniam, L. Duan, and **E.C. Clausen** "Extraction of Silymarins from Milk Thistle." *Presented at the 2004 International Congress on Natural Products Research*, Phoenix, AZ, August 2004.

Mattingly, B., P. Manning, M.P. Popp, **E.C. Clausen**, and R.E. Babcock "Agricultural Oils for Biodiesel Blending." *Presented at the Mack Blackwell Transportation Center Fall 2004 Advisory Board Meeting*, Fayetteville, AR, October 2004.

Duan, L., D.J. Carrier, and **E.C. Clausen** "Thermal Degradation of Silymarin Compounds in Pressurized Hot Water." *Presented at the 11th International Symposium and Exhibit on Supercritical Fluid Chromatography, Extraction and Processing*, Pittsburgh, PA, August 2004.

Duan, L., D.J. Carrier, and **E.C. Clausen** "Extraction of Silymarin Compounds from Ground Milk Thistle Seeds using Hot Water." *Presented at the 11th International Symposium and Exhibit on Supercritical Fluid Chromatography, Extraction and Processing*, Pittsburgh, PA, August 2004.

Decuir, E. A., Y. C. Chua, B. S. Passmore, J. Liang, J. Xie, H. Morkoç, A. Payne, and I. T. Ferguson, "Intersubband transition in GaN/AlGa_N multi-quantum wells," *MRS 2004 Fall Meeting*. Poster. See paper #B2.29 of the attached MRS program.

Dennis, N.D., *Transportation Soils Issues*, ASCE Arkansas Section Annual Meeting, Little Rock, AR, Dec 13, 2004.

Dennis, N.D. "Affect of Fines on the Performance of Unbound Aggregate Base Course", 79th AHTD Transportation Research Committee Meeting, Little Rock, AR, Nov 4, 2004

Dennis, N.D. "Determination of Resilient Modulus Using SASW", 79th AHTD Transportation Research Committee Meeting, Little Rock, AR, Nov 4, 2004.

Edwards, F.G., "Use of membranes in water & wastewater treatment", ASCE Arkansas Section Annual Meeting, November 15, 2004,

Edwards, F.G., "Membranes Use in Water Treatment" at the Annual Conference of the Arkansas Chapter of the Water Environment Association, Fayetteville, AR, October 27, 2004.

Edwards, F.G., "Construction BMPs", Arkansas Watershed Advisory Group, Arkansas Department of Environmental Quality, 2004 Watershed Conference, Little Rock, AR., September 9, 2004.

English, J., W. Hardgrave, F. Limp, R. McCann, C. Thompson, "Sensors and Pervasive Computing Technologies," to College of Engineering Advisory Board, October 22, 2004.

Foster, Ron, Chad O'Neal and Ajay P. Malshe, "Wafer-level Chip-scale Packaging of MEMS Devices." MEMS Packaging Advanced Technology Workshop, Long Beach, CA, (2004) November

Gross, Mark A. "Decentralized Wastewater Curriculum," Water Environment Federation Technical Exposition and conference (WEFTEC), , New Orleans, LA, Oct. 3 – 6, 2004

Gross, Mark A. "Consortium Curriculum for Decentralized Wastewater Systems," National Onsite Wastewater Recycling Association Annual Conference, Albuquerque, NM, Nov. 9 – 11, 2004

Gross, Mark A. "Selecting Pumps for Onsite Wastewater Systems," University of Rhode Island, Kingston, RI, October 12- 13, 2004

Gross, Mark A. “Comparing Decentralized Wastewater Systems to the Centralized Approach,” Arkansas Section ASCE, Little Rock, AR Dec. 13, 2004

Hall, Kevin D., “Sensitivity Analysis of M-E Design Guide”, *presented to NCHRP 1-40 Panel and AASHTO Joint Task Force on Pavements*, Little Rock, Arkansas, September 23, 2004.

Hall, Kevin D., “Preparations for Implementing the M-E Design Guide”, 79th Transportation Research Committee Meeting, Arkansas State Highway and Transportation Department, Little Rock, AR, November 4, 2004.

Hall, Kevin D., “Internal Angle of Gyration for Superpave Gyrotory Compaction”, *presented to TRB Expert Task Group (ETG) for Superpave Aggregates and Mixtures*, Washington, DC, September 28, 2004.

Havens, J. A. “LNG Safety Workshop.” *Presented at the Gas Technology Institute*, Houston, TX, September 2004.

Hossain, Maruf, Husam Abu-Safe, Hameed Naseem, William Brown, and Harry Meyer, “Aluminum Induced Crystallization of Sputtered Hydrogenated Amorphous Silicon for Economically Viable Thin Film Silicon Solar Cells,” *31st IEEE Photovoltaic Specialists Conference*, Orlando, FL, January 3-7, 2005.

Hossain, Maruf, Harry Meyer, Husam Abu-Safe, Hameed Naseem, and William Brown, “Investigation of the Effects of Interfacial Oxide Layer on the Mechanism of Aluminum Induced Crystallization of Sputtered Amorphous Silicon,” *Materials Research Society Spring Meeting*, San Francisco, CA, March 28-April 1, 2005.

Hossain, Maruf, Husam Abu-Safe, Hameed Naseem, and William Brown, “Characterization of Hydrogenated Amorphous Silicon Thin Films Prepared by Magnetron Sputtering at a High Deposition Rate,” *Materials Research Society Spring Meeting*, San Francisco, CA, March 28-April 1, 2005.

Vincent Liu, Husam Abu-Safe, **H. A. Naseem**, and **W. D. Brown**, “Fabrication of Silicon Nanowire Network in Aluminum Thin Films,” to be presented at the *Materials Research Society, Symposium on Nanomaterials*, San Francisco, CA, March, 2005.

Jangwanitlert, A., J. C. Balda, “Phase-Shifted PWM Full-Bridge dc-dc Converters for Automotive Applications: Reduction of Ringing Voltages,” *8th IEEE Workshop on Power Electronics in Transportation (WPET 2004)*, Sheraton Detroit Novi, October 21-22, 2004.

Ji, Taeksoo, “Design of pentacene thin film transistors on flexible substrates” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

Ji, Taeksoo, “Wilkinson power divider for antenna distribution networks” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

Ji, Taeksoo, “Fabrication of three dimensional structures by microsterolithography for electromagnetic absorber applications” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

Ji, Taeksoo, “Design of a stacked array antenna system integrated with low temperature co-fired ceramics (LTCC)” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

Kim, J.-W. and R. Deaton. 2004. Genome-Enabled Medical Diagnosis Using a Biological Memory. 2004 Arkansas Biosciences Institute Fall Research Symposium, October 28, Little Rock, AR. Invited

Kim, J.-W., Steve Tung, and R. Deaton. 2004. Interfacing Micro-/Nano-Scale Biological and Abiological Materials for Bio/Abio Hybrid Systems. 206th Meeting of the Electrochemical Society (Biological Nanostructures, Materials, and Applications Session), Honolulu, Hawaii. Invited.

Tung, S., and **Kim J.-W.**. 2004. Flagellar Motor Based Micro Hybrid Devices. 26th Annual International Conference IEEE Engineering in Medicine and Biology Society (EMBS), San Francisco, CA. Invited.

Steve Tung and **Kim, J. W.** 2004. Molecular Motors. IEEE International Conference on Robotics and Biomimetics (ROBIO), Shenyang, China. Invited

King, J.W., E.C. Clausen, and D. J. Carrier “Optimization and Experimental Pitfalls in the Use of Subcritical Fluids.” *Presented at the 11th International Symposium and Exhibit on Supercritical Fluid Chromatography, Extraction and Processing*, Pittsburgh, PA, August 2004

Vaughn, K.L.S., D.J. Carrier, J.W. King, E.C. Clausen, L.R. Howard, and G.F. Erf “Supercritically Extracted Lycopene from Watermelon and Its Potential to Increase Glutathione Levels in Macrophages.” *Presented at the 11th International Symposium and Exhibit on Supercritical Fluid Chromatography, Extraction and Processing*, Pittsburgh, PA, August 2004.

King, J.W., and J.M. Del Valle “Optimization of Sub-critical Water Processes.” *Presented at the Conference on Knowledge-based Materials and Technologies for Sustainable Chemistry*, Tallinn, Estonia, June 1-5, 2005 (Abstract #032).

King, J.W., G.R. List, and R.L. Holser “Hydrogenation in Critical Fluids – Influence on the Composition of Lipid Products.” *Presented at the 96th American Oil Chemists’ Society Meeting*, Salt Lake City, Utah, May 1-4, 2005 (Abstracts p. 26).

Malshe, Ajay P., W. Jiang, W.D. Brown. “Nanoparticles Composite Coating using Electrostatic Coating, a Progress Update.” *AFOSR Review Meeting*, U.S. Naval Academy, Bethesda, MD, (2004): August

Malshe, Ajay P. “Materials and Manufacturing Science and Engineering of Integrated Systems Across Scale, Signal and Domain Boundaries.” *Indo-US Workshop on Collaborations and Networking in Materials*, National Chemical Laboratories, Pune, India, (2004): December

Malshe, Ajay P. “Packaging of MEMS and related Micro and Nano Systems.” *National Institute of Advanced Industrial Science and Technology (AIST)*, Tsukuba, Japan, (2004): December

Malshe, Ajay P. “Nano and Micro Materials and Manufacturing and Nanofactory Program at Malshe’s Laboratories.” *Sandia National Laboratories*, Sandia, New Mexico (2004)

Malshe, Ajay P. “Ultra short Pulsed Laser Processing for Micro and Meso Scale Machining.” *US-Korean Joint Workshop*, Northwestern University, (2004)

Malshe, Ajay P. “Results of Nano Materials and Manufacturing Research Funded by NSF at Malshe’s Laboratories at the University of Arkansas.” *EPSCoR Meeting*, Little Rock, (2004): September

Malshe, Ajay P. , Abhijit More, and Wenping Jiang. “Cubic Boron Nitride (cBN) Composite Coatings On Carbide Tools For Hard Turning And Advanced Machining.” *NATO Workshop*, Institute for Superhard Materials, Kiev, Ukraine, (2004)

Malshe, Ajay P. “Nano Mechanical Factory: Exploring A Nano Mechanical Fabrication Lab-on-a-Chip.” University of Arkansas Physics Colloquium, (2004): September

Manasreh, O., “Optoelectronic Applications of III-V Semiconductor Nanostructures.” A colloquium presented to the department of physics, University of Arkansas, 12/03/2004.

Tomm, Jens W. Mark L. Biermann, **M. O. Manasreh**, Gerhardt, A., and Tran Q. Tien, “Spectroscopic analysis of external stresses in semiconductor quantum-well materials,” *MRS 2004 Fall Meeting*. Invited Talk. See paper # B4.4 of the attached MRS program.

Manasreh, O., “Infrared Applications of III-Nitride Multiple Quantum Wells” An invited talk presented at the *Workshop on Nanoscale Issues Nitride Semiconductors* 23-26 August 2004 at the Anchorage Marriott Downtown, in Anchorage, Alaska.

Manasreh, O., “Infrared Applications of III-V semiconductor Nanostructures.” Presented at the Arkansas EPSCoR Annual Meeting, 9/24/2004.

Manasreh, O., “Quantum Well Infrared Photodetectors.” Presented to Lockheed-Martin, Dallas, Texas, 8/5/2004.

Mantooth, H. A., “Modeling and Simulation of Mixed-Signal Circuits,” IEEE Circuits and Systems Society Distinguished Lecture, Kuala Lumpur, Malaysia, Sept. 2005.

Martin, T., “Design and Error Analysis of a Digital Line Impedance Meter,” *30th Annual Conference of the IEEE Industrial Electronics Society*, November 6 2004, Busan, South Korea.

Mason, S. J. “RFID + MRO = ?.” 7th MRO Indirect Materials Conference and Workshops, Las Vegas, Nevada, September 2004.

Matlock, Marty. Keynote Speaker: The Role of the Academic Community in Balancing Economic and Environmental Sustainability. Oklahoma Academy on State Planning, Oklahoma City, Oklahoma, January 2005. Invited.

Matlock, Marty. Organizer and host, two Statewide NPS Stakeholder Meetings, Littlerock, AR, August and November 2004. Invited.

Matlock, Marty. Monitoring and Managing Ecological Services in Arkansas. Arkansas Water Policy Meeting, Littlerock, AR, November 2004. Invited.

Matlock, Marty. Chair, Interstate Water Resource Conflict session, Arkansas Watershed Advisory Group, Littlerock, AR September 2004. Invited.

Matlock, Marty. Urban Landscape Impacts on Sediment Loads to Streams. Session honoring Dr. Bill Barfield, ASAE , Toronto, Canada. July 2004. Invited.

Matlock, Marty, 2004. Chair, Ecological Engineering Symposia, Institute of Biological Engineering Annual Meeting, January 2004. Invited.

McCann, R., “Jackknife Avoidance in Large Trucks using Front Active Steering,” Paper 2004-01-2639, *SAE 2004 Commercial Vehicles Meeting*, October 26-28, Chicago IL.

McCann, R.,”Improved Operation of Networked Control Systems Using Lebesgue Sampling,” *Proceedings of IEEE Industry Applications Society Annual Meeting*, Seattle, October 3-7, 2004.

McCann, R., “Analysis of an Interior Permanent Magnet Synchronous Motor with MEMS Based Rotor Flux Sensing,” *Annual Meeting of the IEEE Industry Applications Society*, Oct. 2005, Hong Kong.

McCann R., S. Damugatla, “Analysis of MEMS Based Rotor Flux Sensing in a Hybrid Reluctance Permanent Magnet Motor” *2005 IEEE Vehicle Power and Propulsion (VPP) Conference* September 7-9, 2005, Illinois Institute of Technology, Chicago, Illinois, USA.

Mustain, Habib, Alexander B. Lostetter, and William D. Brown, "Evaluation of Gold and Aluminum Wire Bond Performance for High Temperature (500°C) Silicon Carbide (SiC) Power Modules,” *55th Electronics Components and Technology Conference*, May 31- June 3, 2005, Lake Buena Vista, Florida.

Myers, William "A Tale of Three Chemists - Friedrich Wöhler and the War Between the States." *Presented at the Chemistry Seminar*, Southeastern Oklahoma State University, Durant, OK, 30 Sept 2004.

Nachtmann, H. "How to Teach (and still make tenure)." American Society of Engineering Management Conference, Alexandria, Virginia, October 2004.

Naseem, Hameed, "Solar Energy, A realistic Solution to Future Energy Needs," Invited talk delivered to the Women College, Dept. of Physics and Astronomy, King Saud University, Riyadh, Saudi Arabia, 2004. INVITED

Naseem, Hameed, "Large Grain Polysilicon on Glass by Metal-Induced Crystallization," Invited seminar given to the Department of Physics and Astronomy, King Saud University, Riyadh, Saudi Arabia, 2004. INVITED

Naseem, Hameed, "Low Temperature Metal-Induced Crystallization of Sputtered Silicon," Invited seminar given to the College of Engineering, King Saud University, Riyadh, Saudi Arabia, 2004. INVITED

Fritsch, Ingrid, Padhmodhbhava Yoga Narasimhan, Prabhu U. Arumugam, Walter R. Vandaveer IV, **Chien Nguyen**, Yun Xi, Simon S. Ang, Donald J. Woodward, Joshua Oni, Wolfgang Schuhmann, Rodney Rowland, Jody Buckholtz, Clifton Johnson, and David Paul "New strategies, microfabricated materials and device geometries, and instrumentation for electrochemical detection of dopamine, nitric oxide, and oxygen," Invited Talk in the symposium on *Watching Chemistry in the Central Nervous System, Pittcon 2005*, Orlando, February 27-March 4, 2005

Oliva, A., S. S. Ang, J. C. Balda, and H. Chiacchiarini, "Harmonic Distortion Reduction in Power Inverters," *Power Electronics Specialists Conference (PESC04)*, Germany.

O'Neal, Chad B., Kumar Virwani and Ajay P. Malshe. "Design and Fabrication of a Nanomechanical Machining System for a Nano-Fab Lab-on-a-Chip: A Novel Nanofactory." *International Workshop on Microfactories*, China, (2004): September

Osborn, G.S. "How Biological Engineering Can Contribute to Bioinformatics" Made to Biosciences and Bioinformatics Seminar Series at U of A, Little Rock. Invited.

Passmore, B. S., Y. C. Chua, M. O. Manasreh, and J. W. Tomm, "Longitudinal Modes in InAlGaAs/GaAs High-Power Laser Diodes," *MRS 2004 Fall Meeting*. Poster. See paper #B2.8 of the attached MRS program.

Rashidi, P., Vigneshwar Raja, Faisal Magableh, Magda El-Shenawee, and Fred Barlow, "Innovative Microwave Imaging System for Breast Cancer Detection," *Arkansas Biosciences Institute Conference* (Poster Session), Little Rock, October 28, 2004.

Rashidi P., V. Raja, F. Magableh, M. El-Shenawee & F. Barlow, Poster presentation: "Microwave Imaging System for Breast Cancer Detection," *Arkansas Biosciences Institute Conference*, Little Rock, AR, October 28, 2004.

Raja, V., F. Magableh, P. Rashidi, M. El-Shenawee & F. Barlow, "Microwave Imaging System for Breast Cancer Detection," *Biomedical Forum III*, University Of Arkansas-Fayetteville, November 5, 2004.

Rowden, B., F. Barlow, J. C. Balda, "Integrated Motors and Controllers for 42V Automotive Auxiliary Motor Applications," *8th IEEE Workshop on Power Electronics in Transportation (WPET 2004)*, Sheraton Detroit Novi, October 21-22, 2004.

Mannath, D., **L. Schaper,** and R. Ulrich, "Advanced Decoupling in High Performance IC Packaging," *54th ECTC*.

Schaper, L., S. Spiesshoefer, S. Burkett, G. Vangara, Z. Rahman, "Through Silicon Vias as an Enabling Technology for Dense VLSI Systems," *54th Electronic Components and Technology Conference, ECTC' 2005*.

Schaper, L., S. Spiesshoefer, S. Burkett, G. Vangara, Z. Rahman, S. Polamreddy "Copper Electroplated Through Silicon Vias for 3-D IC Interconnection," *Advanced Metallization Conference Mini-Workshop on 3-D Integration*, October, 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," *International Conference on Solid State Devices and Materials (SSDM,)* Tokyo, September 2004.

Schaper, L. "Integrated Passives: and Enabling Technology for 3D Electronics," *Workshop on 3D Architectures for Semiconductor Integration and Packaging*, RTI International, June 2005.

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, L., and R. K. Ulrich, "Electrical Performance Limitations of On-Package Decoupling Capacitors," *IEEE VLSI Packaging Japan Workshop*, Dec., 2004.

Schupbach, R. M., J. C. Balda, "35 kW Ultracapacitor Unit for Power Management of Hybrid Electric Vehicles: Bi-directional dc-dc Converter Design," *35th IEEE Power Electronics Specialists Conference PESC 2004*, June 20-25, 2004, Aachen, Germany.

Schupbach, R. M., J. C. Balda, "Dynamometer-based Testing of a Proof-of-Concept Fuel Cell Vehicle Prototype," *8th IEEE Workshop on Power Electronics in Transportation (WPET 2004)*, Sheraton Detroit Novi, October 21-22, 2004.

Sohraby, Kazem, Invited Speaker at the “IBM Research – Communications and Networking Seminars,” Hawthorn, NY, 2004.

Spicer, T. “GTI Workshop on LNG Safety Models: FEM3A.” *Presented at the Gas Technology Institute Workshop*, Houston, TX, September 2004.

Spicer, T. “Bhopal: A 20 Year Perspective.” *Presented at the National Association of Science Writers, 2nd Annual NASW Fall Workshop*, Fayetteville, AR, November 2004.

Duncan K. E., B. Roe, F. Najar, **G. J. Thoma**, C. Mehta, A. Moralwar, K. L. Sublette, and L. P. Ford “Changes in Microbial Communities during Bioremediation of Oil and Brine Spills.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Kim, D.S., **G. J. Thoma**, and K.L. Sublette “Aerobic Bioremediation of BTE-Contaminated Groundwater in Biosep/Sand Packed-Bed Barrier.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Lam, T.B., D.C. Wolf, S. E. Ziegler, and **G.J. Thoma** “Novel Approaches to Measurement of Rhizosphere.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Greer, K., D.C. Wolf, S.E. Ziegler, **G.J. Thoma**, K. J. Davis, and D.C. Wolf “Influence of Abiotic Factors on Hexadecane Biodegradation in a Captina Silt Loam.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Mehta C., K. L. Sublette, L. P. Ford, T. Todd, K. E. Duncan, and **G. J. Thoma** “Analysis of Nematode Counts as an Ecological Indicator of Site Restoration.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Mehta, C., A. Moralwar, K. Sublette, L. Ford, K. Duncan, J. Brokaw, T. Todd, and **G. Thoma** “Soil Ecosystem Recovery Following Managed and Unmanaged Bioremediation of a Terrestrial Crude Oil Spill.” *Presented at the XIVth International Colloquium on Soil Zoology and Ecology*, University of Rouen, France, September 2004.

Moralwar, A., K. L. Sublette, L. P. Ford, T. Todd, K. E. Duncan, **G. J. Thoma**, and J. Brokaw “Remediation of a Spill of Crude Oil and Brine without Gypsum.” *Presented at the 11th International Petroleum Environmental Conference*, Houston, TX October 2004.

Davis, R.K., **G.J. Thoma**, J.V. Brahana, T. Ting, T. Unger, D. Androes, and R. Perkins “*Escherichia coli* and Sediment Fate and Transport in a Mantled Karst Aquifer.” *Presented at the Geological Society of America*, November 2004.

Tiong-Ee, T., **G.J. Thoma**, R.R. Beitle, R.K. Davis, J.V. Brahana, and H.M. Liu “High Cell Density Production of Europium-labeled *Escherichia coli* for tracing of Bacteria in Mantled

Karst of Northwest Arkansas." *Presented at the Fall American Geophysical Union Conference, San Francisco, CA December 2004.*

Wong, C.Y., K. L. Sublette, K. E. Duncan, and **G. J. Thoma** "Generating the Oil Exploration and Production Risk Index Map of Tallgrass Prairie Preserve to Serve as an Environmental Risk Management Tool." *Presented at the 11th International Petroleum Environmental Conference, Houston, TX October 2004.*

Zambrano, L., **G.J. Thoma**, C.Y. Wong, K.S. Sublette, and K.E. Duncan "A Probabilistic Risk Assessment Model for E&P Facilities in the Tallgrass Prairie Preserve." *Presented at the Society for Risk Assessment Annual Meeting, Palm Springs, CA December 2004.*

Zambrano, L., L. Ford, K. Sublette, K. Duncan, and **G. Thoma** "Reliability Modeling and Failure Modes Study for E&P Facilities in the Tallgrass Prairie." Presented at the 11th International Petroleum

Thompson, C., "Research Progress Updates, ALAR Steering Committee, Acxiom TRESNET Conference, September 29, 2004.

Thompson, C., "Research Collaborations: Grids, Agents, Middleware," to CSCE Advisory Board, November 12, 2004.

Tooley, Melissa, "The Mack-Blackwell Rural Transportation Center", MBTC Advisory Board, Fayetteville, AR, October 29, 2004

Varadan, V. K., "Large Scale Fabrication and Fictionalization of Carbon Nanocoil, Nanotube and Microcoil and Their Applications in Engineering and Medicine," University of South Wales, Sydney, Australia, December 13, 2004.

Varadan, V. K., "Wireless Nano- and Micro-Sensors, MEMS for Health Monitoring of Engineering Structures and Neurological Disorders in Human; Can We Get Smarter?," Griffith University, Brisbane, Australia, December 15, 2004.

Varadan, V. K., "Nanotechnology, BioMEMS and Wireless Devices for Control and Monitoring of Neurological Disorders," National Brain Research Center, Delhi, India, February 3, 2005.

Varadan, V. K., "Wireless EEG and EOG Systems for Monitoring Epilepsy" (invited paper presentation) at *International Conference on Biomedical Applications of Micro and Nanoengineering*, Sydney, Australia, December 14, 2005.

Varadan, V. K., "Neuroelectronics, BioMEMS, Sensor System Integration and Neurosurgery: Education in Engineering and Medicine," A talk at the Plenary Session of 'The Future Impact of the Biosciences and Bioengineering on Electrical and Computer Engineering (ECE) Education and on the ECE Profession' at *National ECE Department Head Meeting*, New Orleans, LA, March 19, 2005.

Varadan, V.V., “Chirality, Order, Disorder and Surface Plasmon Resonances in Negative Refractive Index Materials” Physics Colloquium, University of Arkansas, February 4, 2005.

Varadan, V.V. Varadan, “Re-Engineering the Life Sciences for the 21st Century”. Plenary Lecture at *2005 Electrical & Computer Engineering Department Heads Association (ECEDHA) Annual Meeting*, New Orleans, LA, March 19, 2005.

Varadan, V.V., The Development of a Self-Contained Ambulatory Cough Data Recorder”. Lecture to Consumer Health Products Association (CHPA) Washington DC, April 19, 2005,

Wang, K.C.P., “Milestones and Challenges of Data Automation for Pavement Condition Survey”, Invited Plenary Speaker, Inter-Continental Grand Stanford Hotel, Hong Kong, the 9th Conference of Hong Kong Society of Transportation Studies (HKSTS), 11 December 2004

Wang, G., E. Elvey, F. Barlow, A. Elshabini, “Micro Vias In LTCC Substrates,” *IMAPS 2004 Proceedings*, November 14-18, 2004, Long Beach, CA.

Warren, K.A., *Preliminary Construction and Instrumentation Plan for Geosynthetic-Reinforced Flexible Pavement Test Sections*, 18th Geosynthetic Research Institute Conference Proceedings, ASCE Geo-Frontiers Conference, Austin, TX, January 2005.

Warren, K.A., *Analysis of Test Data to Improve Geosynthetic-Reinforced Flexible Pavement Design*, Proposed Research Presentation at the Fall TRC Meeting, November 4, 2004.

Wei, Y., J. Junghans, J. C. Balda, F. D. Barlow, A. Elshabini, “Some Considerations for High Power Motor Drive Systems for Ship Propulsion,” *Electric Machine Technology Symposium 2004 (EMTS 04)*, Philadelphia (PA), January 27-29, 2004.

Williams, Stacy G., “Development of 4.75mm Superpave Mixes”, MBTC 2030, Mack-Blackwell Annual Advisory Board Meeting, Fayetteville, Arkansas, October 2004.

Williams, Stacy G., “Effects of Various HMA Material Properties on Pavement Performance”, TRC 0301, *TRC Meeting*, Little Rock, Arkansas, November 2004.

Xiao, Z., W. Li, and C. Thompson, “Workflow Automation,” to Acxiom champions at critical milestone review, December 2004.

Xie, Jining, “Aligned Blank And Metal Encapsulated Conducting Polymer Nanotubules” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

Xie, Jining, “Functional Carbon Nanotube Material-based Enzyme Biosensors For Glucose Sensing” at *Proceedings of SPIE – The International Society for Optical Engineering, San Diego, March 2005*.

OTHER LECTURES, PAPERS & ORAL PRESENTATIONS:

Asfahl, C. R., “Feasibility of Petroleum/Grain Trade with Russia.” Mack-Blackwell Annual Meeting, Fayetteville, Arkansas, October 2004.

Babcock, R. E., and Greg J. Thoma “Field Demonstration and Tech-Transfer for the Continuous Measurement of Crude Oil Stock Tank Emissions.” *Completion Report EPA Grant Number R 83-0633-010*, September 08, 2004.

Bajwa, S. G., M. Mozaffari, and A. Mishra. 2004. Remote Sensing and Petiole Nutrient Analysis for Cotton Nitrogen Management. In. Proc. International Precision Agriculture Conference, Minneapolis, MN.

Balda, J.C., F. D. Barlow, A. Elshabini, R. P. Selvam, “Power Packaging of Spray-Cooled SiC Devices for High Temperature and High Voltage Operation: First Annual Report (AR1),” submitted to the Office of Naval Research, September 2004.

Bhise N, Deonikar P, Potdar SS, and Kavdia M. Model for Nitric Oxide and Superoxide Interactions in the Microcirculation. Arkansas Biosciences Institute Research Symposium, Little Rock, Arkansas, Oct 28, 2004.

Beitle, Robert “Design Instruction with Vision Impaired Chemical Engineering Students – Challenges and Synergies.” *Presented at AIChE Annual Meeting*, Austin, Texas, November 11, 2004.

Beitle, Robert “Proteome Based Approach to Affinity Separations.” *Presented at AIChE Annual Meeting*, Austin, Texas, November 11, 2004.

Beitle, Robert “Use of Genomic Knowledge for Bioseparation Improvement Strategies.” *Presented at AIChE Annual Meeting*, Austin, Texas, November 11, 2004.

Beitle, Robert “Expression and Characterization of Thermostable, Acid-tolerant Citrate Synthase from a Hyperthermoacidophilic Archaeon *Sulfolobus Tokodaii* Strain 7.” *Presented at AIChE Annual Meeting*, Austin, Texas, November 11, 2004.

Brown, W. D., “Undergraduate Research on Nanodevices,” Annual report for award #0097714 - Research Experience for Undergraduates, National Science Foundation, August 2004.

Buyurgan, N. “Real-Time Manufacturing System Control with RFID Technology.” *35th International Conference on Computers and Industrial Engineering*, Istanbul, Turkey, June 2005.

Buyurgan, N. and C. R. Chimka. “AutoID Technology for Real-Time Manufacturing System Control.” *Institute of Industrial Engineers (IIE) Annual Conference*, Atlanta, Georgia, May 2005.

Carpenter, D.P., J.-W. Kim, and R. Deaton. 2004. Evaluating Complexity for Large Mixtures of Many Different DNA Oligonucleotides Using Cot Analyses. Institute of Biological Engineering (IBE) Annual Meeting, Fayetteville, AR.

Duan, L, **Carrier, DJ,** and Clausen E. “Extraction of Silymarin Compounds from ground milk thistle seeds using Hot Water”. Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. (poster).

Duan L, **Carrier, DJ,** and Clausen E. “Thermal Degradation of Silymarin Compounds.” Presentation at the 11th International meeting of supercritical fluid chromatography, extraction and processing. Pittsburgh, PA, August 2004. (poster).

Carrier, DJ, and Clausen E. “Medicinal Plants”. American Society of Agricultural Engineering, Ottawa, Canada August 2004

Carrier, DJ, and Clausen E. “Research Updates at the University of Arkansas”. The Science and Engineering for a Biobased Industry and Economy Multistate Research Project, Golden, CO September 2004

Carrier, DJ, Vaughn K, Erf G, Duan L, Wallace S and E.C. Clausen “Protective effect of lycopene and silymarins”. ABI meeting, Little Rock, AR October 2004 (poster)

Cassady, C. R., H. L. Nachtmann, E. A. Pohl, A. Mendoza, L. Pohl, and N. Rew. “Maintenance Decision-Making under Prognostic and Diagnostic Uncertainty.” *Final Report to TLI/AFRL,* Fayetteville, Arkansas, January 2005.

Cassady, C. R., E. A. Pohl, J. Honeycutt, L. Pohl, and M. Carrasco. “Quantifying the Impacts of Improvements to Prognostic and Diagnostic Capabilities.” *Final Report to TLI/AFRL,* Fayetteville, Arkansas, January 2005.

Cassady, C. R., E. A. Pohl, S. J. Mason, and T. G. Yeung. “Multi-State Selective Maintenance Decisions.” *Final Report to TLI/AFRL,* Fayetteville, Arkansas, January 2005.

Cassady, C. R. “Ranking Sports Teams: A Customizable Quadratic Assignment Approach.” INEG Seminar Series, Fayetteville, Arkansas, October 2004.

Chaubey, I. 2004. Decision Support System research activities within the Ecological Engineering program. Presented at the Public Policy Colloquium, University of Arkansas, Fayetteville. January 21.

Chaubey, I., K.L. White, and C. Cooper. Using SWAT models in watershed response assessment. Workshop conducted at the Arkansas Soil and Water Conservation Commission. July 15, and August 26, 2004.

Clausen, Edgar “Comparative Esterification of Agricultural Oils for Biodiesel Blending.” *Interim Report*: January 2004, *Final Report*: July 2004.

Clausen, Edgar “Conversion/Treatment of Gallo Waste Streams.” *Interim Report*, August 2004-October 2004.

Mattingly, Brian, Patrick Manning, James Voon, Heath Himstedt, **Ed Clausen**, Michael Popp, and R. E. Babcock “Comparative Esterification of Agricultural Oils for BioDiesel Blending.” *Final Report*, Mack Blackwell Transportation Center Award Number MBTC-2052, University of Arkansas, Fayetteville, Arkansas, July, 2004.

Costello, T. A. and A. Ludwig. 2004. Stream habitat assessment techniques. In-Service Training, University of Arkansas Cooperative Extension Service, Fayetteville, AR, November 3.

Dennis, N.D., “Distributing the Capstone Design”, ASEE Midwest Section Conference, Pittsburg, KS, Sept 29-Oct 1, 2004

Dennis, N.D., “Prediction of Subgrade Permanent Strain using Simple Soil Properties,” Geo-Trans 2004, Los Angeles, CA, July 27-31, 2004

Dennis, N.D., “Issues with Monitoring Shallow Slope Failures using Time Domain Reflectometry”, 55th Highway Geology Symposium, Kansas City, MO, 7-9 Sep 2004.

Durham, S., “ACI Certification Available to Civil Engineering Students,” ASEE Midwest Section Conference, Pittsburg, KS, CD-ROM Paper, pp. 1 – 7, September 29 – October 1, 2004,.

Elshabini A., and F. D. Barlow, “Low Temperature Cofired Ceramic Technology,” 10 hours long course taught at the 37th *International Symposium on Microelectronics, IMAPS’ 2004*, Long Beach California, November 14, 2004.

Elshabini A., and F. D. Barlow, “Microwave and Millimeter Wave Packaging,” 10 hours long course taught at the 37th *International Symposium on Microelectronics, IMAPS’ 2004*, Long Beach California, November 15, 2004.

Gattis, J. L., ““Starting a State Access Management Program.” Sixth National Conference on Access Management, Kansas City, Missouri, September 1, 2004.

Hale, W., “Testing in the Engineering Curriculum without Numbers,” ASEE Midwest Section Conference, Pittsburg, KS, CD-ROM Paper, pp. 1 – 7, September 29 – October 1, 2004.

Hale, W. , “Ground Granulated Blast Furnace Slag and Fly Ash in Concrete Mixtures, TRC 0405”, *Arkansas Highway and Transportation Department, Transportation Research Committee*, November 4, 2004, Little Rock, AR.

Hale, W., “The Concrete Contest: Introducing Students to High Performance Concrete,” ASEE Midwest Section Conference, Pittsburg, KS, CD-ROM Paper, pp. 1 – 5, September 29 – October 1, 2004.

Hall, Kevin D., “A Comparison of Falling-Head and Constant-Head Techniques for Estimating Field Permeability of HMA Pavements”, TRB, National Academy of Sciences, Washington, DC, 2004.

Hall, Kevin D., “Using a Single Test to Determine Specific Gravity and Absorption of Aggregate Blends”, TRB, National Academy of Sciences, Washington, DC, 2004.

Hall, Kevin D., and Murry, T., “Ruggedness Evaluation of the Dynamic Angle Validation (DAV) Kit for Superpave Gyrotory Compactors”, TRB, National Academy of Sciences, Washington, DC, 2004.

Havens, J.A., T. Spicer, W.V. Sheppard, and K. Perry “LNG Terminal Siting: FEM3A Vapor Dispersion Model Development.” *Presented at the American Institute of Chemical Engineers Spring National Meeting*, Houston, TX, 2004.

Heymsfield, E., “Retrofitting Short Span Precast Channel Bridge Beam Sections for Shear”, American Concrete Institute, Fall 2004 Convention, San Francisco, October 2004.

Heymsfield, E., “Retrofitting Short Span Precast Channel Bridge Beam Sections for Shear”, American Concrete Institute, Fall 2004 Convention, San Francisco, October 2004.

Heymsfield, E., “New Methodologies for Understanding the Behavior of Soft Formations and Optimizing Well Completion Operations”. U. S. Army Corps of Engineers, Waterways Experiment Station; Vicksburg, MS.

Jong, Ing-Chang. “Effective Teaching and Learning of the Conjugate Beam Method: Synthesized Guiding Rules.” Sessions 2468, Mechanics Division, *2004 ASEE Annual Conference & Exposition*, Salt Lake City, Utah, (2004): June 20-23

Jong, Ing-Chang. “Effective Teaching and Learning of the Conjugate Beam Method: Synthesized Guiding Rules.” *3rd ASEE International Colloquium on Engineering Education*, Tsinghua University, Beijing, China, (2004): September, 7-10

Jong, Ing-Chang. “Kindling Students’ Interest in Virtual Work Method: Advantages and Challenges.” *2004 American Society for Engineering Education Midwest Section Conference*, Pittsburg, Kansas, (2004): September, 29 – October 1

Kandaswamy, J., S. G. Bajwa, and J. Apple. 2004. Prediction of fat, calories and cholesterol in fresh and cooked ground beef with near-infrared spectroscopy. State ASAE meeting, October 4, Little Rock, AR.

- Kavdia, M.** Model for Nitric Oxide and Superoxide Interactions in the Microcirculation. Biomedical Engineering Society (BMES) Annual Fall Meeting, Philadelphia, PA October, 2004.
- Kim, J.-W.**, S. Tung, J.S. Lee, N.K. Kotagiri, R. Pooran, and M. Al-Fandi. A Hybrid Flagellar Motor/MEMS Micro-Pump. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Kim, J.-W.**, C.E. Long, and T.L. Peeples. 2004. Revealing Extreme Thermostability of Glycosyl Hydrolases from a Hyperthermophilic Archaeon *Methanococcus jannaschii*. 96th AIChE Ann. Meet. (Extremophile Bioprocessing Session), Austin, TX.
- Kim, J.-W.**, I.D. Wijesekera, and R. Beitle. 2004. Expression and Characterization of Thermostable, Acid-Tolerant Citrate Synthase from a Hyperthermoacidophilic Archaeon *Sulfolobus tokodaii* Strain 7. 96th AIChE Ann. Meet. (FPBE Division), Austin, TX.
- Kim, J.-W.**, N.K. Kotagiri, S. Tung, and R. Deaton. 2004. Development of an Electrically Addressable Nanotube-Wire Nanosensor Through Controlled DNA-Nanotube Interfacing. 96th AIChE Ann. Meet. (Nanoscale Science and Engineering Session), Austin, TX.
- Pooran, R., M. Al-Fandi, S. Tung, **Kim, J.-W.**, and J.S. Lee. 2004. Bacterial Flagellar Motors as Microfluidic Actuators. ASME International Mechanical Engineering Congress and R&D Expo (IMECE), Anaheim, CA.
- Chen, J., R. Deaton, M. Gazon, **Kim, J.-W.**, D. Wood, H. Bi, D. Carpenter, and Y.-Z. Wang. 2004. Characterization of Non-Crosshybridizing DNA Oligonucleotides Manufactured *In Vitro*. DNA 10: 10th International Meeting on DNA Computing, Milan, Italy.
- Al-Fandi, M., R. Pooran, S. Tung, **Kim J.-W.**, and A. Malshe. 2004. E. coli Cell Motors for MEMS Devices: Fabrication and Modeling. First International Workshop on Nano Bio-Packaging, Atlanta, GA.
- Li, Y.**, R. Al-Haddad, L. Yang, and S. Ang. 2004. A microelectrode based impedance immunosensor for detection of *E. coli O157:H7* in foods. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. ASAE Paper No. 047044.
- Li, Y.**, and X. Su. 2004. Microfluidics-based optical immunosensor for detection of foodborne pathogens. Presented at the 2004 IAFP Annual Meeting, August 8-11, 2004, Phoenix, AZ. Abstract # T63.
- Li, Y.**, S. Ang, X. Su, and Y. Xi. 2004. Microfluidics based optical biosensor for rapid detection of *Escherichia coli O157:H7*. An invited presentation given at the 2004 CIGR (International Commission of Agricultural Engineering) International Meeting, October 11-14, 2004, Beijing, China.

Li, Y., and Z. Liu. 2004. Inactivation of *Listeria* in recirculated chilling brine using flow-through electrolyzing treatment. Presented at the 2004 CIGR International Meeting, October 11-14, 2004, Beijing, China.

Li, Y. 2004. Brief introduction of biological engineering program at the University of Arkansas. An invited presentation given at the International Forum on Biosystems Engineering, October 16-18, 2004, Zhejiang University, Hangzhou, China.

Li, Y., X.L. Su, L. Yang, B. Swem, S. Ang, and X Yu. 2004. Immunosensors for rapid detection of foodborne pathogens: An update. Presented at the Food Safety Consortium 2004 Annual Meeting, October 3-5, Ames, IA. In: CD of Food Safety Consortium 2004 Annual Meeting—Agenda, Presentations, and Progress Reports.

Liu, Z., B.L. Swem and Y. Li. 2004. In situ HClO generation using a flow-through electrolyzing chamber for the pasteurization of chilling brine: a pilot plant test. Presented at IFT 2004 Annual Meeting, July 12-16, 2004, Las Vegas, NV. Poster No. 17H-5.

Liu, Z. and Y. Li. 2004. Flow-through electrochemical treatment chambers for in-line inactivation of *Listeria* in recirculated chilling brine. Presented at the 2004 ASAE Annual International Meeting, August 1-4, 2004, Ottawa, Canada. Poster No. 046023.

Liu, Z., B. Swem, and Y. Li. 2004. The mechanism, scale up, and pilot plant scale test of a flow-through electrolyzing chamber for in-line inactivation of *Listeria* in recirculated chilling brine. Presented at the Arkansas Section of ASAE 2004 Annual Meeting, October 1, Little Rock, AR. The winner of the First Prize of the Graduate Students Poster Competition.

Malshe, Ajay P. Kumar Virwani, William Schmidt, Dinesh Sood, Rob Elliman. “Surface Modification of Silicon Nano Mechanical Structures by Carbon Ion Implantation for Post-fabrication Transformation to Silicon Carbide,” *Micro- and Nanotechnology: Materials, Processes, Packaging and Systems II, SPIR Meeting*, University of New South Wales, Australia, (2004): December

Malshe, Ajay P. “SERC Center for Durable Micro and Nano Systems.” *Final Report to EPSCoR-NSF*, (2004)

Malshe, Ajay P. “Development and Testing for Reliable Electronic Packaging of Surface Micromachined sm-MEMS Devices.” *Final Report to ECS- NSF*, (2004)

Malshe, Ajay P. “Temperature Adaptive Solid Lubricant Coating for Aerospace Applications.” Interim Report to DODEPSCoR-AFOSR, (2004)

Malshe, Ajay P. “STTR Phase I: Multi Functional Structures (MFS) for Aerospace Vehicles.” Final Report to flex-AFRL, (2004)

Malshe, Ajay P. “Packaging of MEMS Pressure Sensor and Integration with Microelectronics Control Circuit.” Interim Reports to Bharat Electronics (BEL), Bangalore, India, (2004)

Malshe, Ajay P. “3D Modular Integration for Massively Stacked Systems.” Monthly Reports to Irvine Sensors-funded by DARPA, (2004)

Malshe, Ajay P. “GOALI: Laser Annealing of Silicon Nitride Sample for Diesel Engine Applications.” Interim Report to DMII-NSF, (2004)

Malshe, Ajay P. “Microchannel Cooling of Highpower Laser Diodes.” Partial Final Report in the Role of co-PI to DoDEPSCOR-AFOSR, (2004)

Malshe, Ajay P. “Explore Feasibility of A Novel Nano Mechanical Machining System-on-a-chip (SOAC) for Nano Manufacturing.” Interim Report to for SGER, DMII-NSF, (2004)

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SCHOOL OF LAW

Richard Atkinson, Dean and Professor of Law

Lectures/Speeches/Presentations

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“State of the Law School,” presentation at Friday, Eldredge & Clark, Little Rock, Arkansas, January 13, 2005.

“State of the Law School,” presentation at Pine Bluff recruitment event, Pine Bluff, Arkansas, March 3, 2005.

“State of the Law School,” presentation at Fayetteville Rotary Club, Fayetteville, Arkansas, March 10, 2005.

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“State of the Law School,” presentation at Houston alumni event, Vison & Elkins, Houston, Texas, July 26, 2005.

Carlton Bailey, Ben J. Alheimer Professor of Law

Lectures/Speeches/Presentations

“Defending an Attorney’s License to Practice Law: The Revised Rules of Professional Conduct and Defending Your License Before the Professional Conduct Committee,” W. Harold Flowers Law Society Annual Meeting 2005, Little Rock, Arkansas, June 17, 2005.

Lonnie Beard, Professor of Law

Lectures/Speeches/Presentations

“The Alphabet Soup of Arkansas Closely-Held Business Organizations,” CLE program, University of Arkansas at Fort Smith, May 20, 2005.

Howard Brill, Interim Dean and Vincent Foster University Professor of Legal Ethics and Professional Responsibility

Publications

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Lectures/Speeches/Presentations

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Herb Cihak, Director of the Law Library and Professor of Law

Publications

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Lectures/Speeches/Presentations

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Carl Circo, Assistant Professor of Law

Publications

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Lectures/Speeches/Presentations

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Kim Flanery Coats, Clinical Associate Professor, Legal Writing

Lectures/Speeches/Presentations

Presenter, Arkansas Bar Association Continuing Education Program, “Legal Writing for the Business Client,” Wal-Mart Legal Department, April, 2005.

Janet Flaccus, Professor of Law

Publications

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Mark Killenbeck, Wylie H. Davis Distinguished Professor of Law

Publications

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Judith Kilpatrick, Professor of Law

Publications

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Lectures/Speeches/Presentations

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Robert Laurence, Robert A. Leflar Distinguished Professor of Law

Publications

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Interviewed by Australian Broadcasting Corporation for their nationwide radio feed on the topic of American Indian law and Australian Aboriginal law compared.

Robert B Leflar, Arkansas Bar Foundation Professor of Law; Adjunct Professor, University of Arkansas for Medical Sciences, College of Medicine and College of Public Health

Publications

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Lectures/Speeches/Presentations

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Mary Beth Matthews, Sidney Parker Davis, Jr. Professor of Business and Commercial Law

Publications

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Lectures/Speeches/Presentations

Hot Topics – “The Latest News in Funds Transfers: Or When is a Check More Like a Debit Card?” 2005 Mid-Year Arkansas Bar Association Meeting, Memphis, January 21, 2005.

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Robert Moberly, Professor of Law and Dean Emeritus

Publications

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Lectures/Speeches/Presentations

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Michael Mullane, Director of the Legal Clinic and Professor of Law

Publications

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Cynthia Nance, Associate Professor of Law

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Lectures/Speeches/Presentations

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The Greensboro Truth and Reconciliation Commission, Law and the Public-Private Dichotomy: Government Involvement in Private Life, Law and Society Meeting, Las Vegas, Nevada, June 2005.

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Moderator, “1991 Amendments, Supreme Court Cases, Race and Beyond,” The Civil Rights Act Symposium, Arkansas Bar Association, Labor and Employment Law Section, Little Rock, Arkansas, September 2005.

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Michael Roberts, Research Associate Professor; Director of National Agricultural Law Center

Publications

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Lectures/Speeches/Presentations

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Food Traceability, Drake Law School, Des Moines, Iowa, July 19-22, 2005 (lecture, law course).

Susan Schneider, Associate Professor of Law; Director of the Graduate Program in Agricultural Law

Publications

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Terry Jean Seligmann, Professor of Law; Director of Legal Research and Writing Program

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Steve Sheppard, Associate Professor of Law

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John Watkins, William H. Enfield Professor of Law

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