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UNIVERSITY OF ARKANSAS
FAYETTEVILLE, ARKANSAS

PUBLICATIONS AND PRESENTATIONS
July 1, 2005-June 30, 2006

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Dale Bumpers College of Agricultural, Food and Life Sciences

Books

Biological and Agricultural Engineering

Sabatier, P., Focht, W., Lubell, M., Trachtenberg, Z., Vedlitz, A., and **Matlock, M.** Swimming Upstream: Collaborative Approaches to Watershed Management. Publisher: MIT Press – ISBN # 0-262-19520-8; March 2005.

Crop, Soil and Environmental Sciences

Norman, R.J., J.-F. Meullenet, K.A.K. Moldenhauer (eds.). 2005. B.R. Wells Rice Research Studies 2004. Univ. of Ark., Agr. Exp. Stn. Res. Ser. 529. 441 pages.
Roberts, C.A., **C.P. West**, and D.E. Spiers (eds). 2005. Neotyphodium in Cool-Season Grasses. Blackwell Publishing Professional. Ames, IA. 395 pages.

Entomology

Horton, D. and **D.T. Johnson**. 2005. Southeastern peach grower's handbook. The University of Georgia College of Agricultural and Environmental Sciences Cooperative Extension Service Bull. 1171.
McLeod, P.J., M.E. Pontaroli, J.C. Correll, F. Copa, H. Serrate and R. Unterladstaetter. 2005. Identificación y Manejo de Insectos en Hortalizas en Bolivia (Identification and Management of Insects in Vegetable in Bolivia). Sirena Press, Santa Cruz, Bolivia, 162 pp.

Horticulture

Hensley, D.L. 2005. *Professional Landscape Management 2nd edition*. Stipes Publishing. Champaign, IL, 342 p. ISBN 1-58874-374-8.

Plant Pathology

Korth, K. L. and Thompson, G.A. (2006)* Chemical signals in plants: jasmonates and the role of insect-derived elicitors in responses to herbivores in "*Multigenic and Induced Systemic resistance in Plants*", S. Tuzun and E. Bent, Eds. *[book was released in 2005, copyright is 2006].

Book Chapters

Agricultural Economics and Agribusiness

- Popp, Jennie** and C. Dorminy. "Orchard Business Records." In: D. Horton and D. Johnson, (Eds.) *Southeastern Peach Growers Handbook*. The University of Georgia, College of Agricultural and Environmental Sciences and Cooperative Extension Service, (2005):15-17.
- Popp, Jennie** and G. Westberry. Conducting a Cost Analysis. In: D. Horton and D. Johnson, Eds. *Southeastern Peach Growers Handbook*. The University of Georgia College of Agricultural and Environmental Sciences and Cooperative Extension Service, (2005):18-24.
- Wailes, Eric J.** "Rice Global Trade, Protectionist Policies, and the Impact of Trade Liberalization." In *Global Agricultural Trade and Developing Countries*. Eds. M. Ataman Aksoy and John C. Beghin. World Bank. January, 2005.

Biological and Agricultural Engineering

- Li, Y.** 2005. "Biosensors". In: *CIGR Handbook of Agricultural Engineering VI: Information Technology*, A. Munack (ed). The American Society of Agricultural Engineers, St. Joseph, MI.
- Li, Y.** and X. Su. 2005. "Piezoelectric Sensors". In: *Encyclopedia of Medical Devices and Instrumentation*, J.G. Webster (ed). John Wiley & Sons, Hoboken, NJ.

Crop, Soil and Environmental Sciences

- Burgos, N.R.,** R.E. Talbert and Y.I. Kuk. 2005. Grass-Legume Mixed Cover Crops for Weed Management. In Singh, H.P., Batish, D.R., and Kohli, R.K., eds., *Handbook of Sustainable Weed Management*, Haworth Press, Inc., USA. 966 pages.
- Daniel, T.C.** (assoc. ed.) 2005. Agricultural Management Practices for Phosphorus (Section V, six chapters). In T.J. Sims and A.N. Sharpley (ed) *Phosphorus: Agriculture and the Environment*. Agron. Monograph No. 46. ASA, CSSA, SSSA, Madison, WI. P. 685-908.
- Gealy, D.R., and **K.A. Moldenhauer.** 2005. Progress in Developing Weed Suppressive Rice Cultivars for the Southern U.S. In H. P. Singh, D.R. Batish, and R.K. Kohli (eds) *Handbook of Sustainable Weed Management*. Haworth Press, Inc.
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- Wolf, D.C.,** and G.H. Wagner. 2005. Carbon Transformations and Soil Organic Matter Formation. In D.M. Sylvia, J.J. Fuhrmann, P.G. Hartel, and D.A. Zuberer (ed.) *Principles and Applications of Soil Microbiology*. 2nd ed. Prentice-Hall, Inc., Upper Saddle River, NJ. P. 285-332.

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- Barnes, J.K.** 2005. Albany Pine Bush. Page 49 in P. Eisenstadt, Encycloedia of New York State. Syracuse University Press. 1921 pages.
- Barnes, J.K.** 2005. Pine Barrens. Pages 1205-1206 in P. Eisenstadt, Encyclopedia of New York State. Syracuse University Press. 1921 pages.

Food Science

- Hettiarachchy, N.** and S. Eswaranandam. 2005. Edible films: Physical and mechanical properties, edible films and coatings from soy bean and other protein sources. Wiley & Sons. Pp. 371-387.
- Morris, J.R.** and P.L. Brady. 2005. Temperature effects on produce degradation. In: Produce Degradation: Pathways and Their Prevention, O. Lamikanra (Ed.) CRC Press, Boca Raton, FL. Pp 599-647.
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- Proctor, A.** and D.D. Brooks. Chapter: Adsorptive separation of oils. In Baileys Oils and Fats Products. Ed. 6th Edition. John Wiley Publishers. Pg. No. 267-284.

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Poultry Science

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- Kirby, J.D.,** J.A. Vizcarra, L.R. Berghman, J.A. Proudman, J.Y. Yang and C. Scanes. 2005. Regulation of FSH secretion: GnRH independent? In *Functional Avian Endocrinology*, P. Sharp and A. Dawson, eds, Narossa Press, New Delhi. Pp 83-96.
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development. In: Functional Avian Endocrinology. (Eds. A Dawson and P.J. Sharp), Narosa Publishing House, New Delhi, India, pp. 129-140.

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Li, Y. 2005. Biosensors. In: CIGR Handbook of Agricultural Engineering VI: Information Technology, A. Munack (ed). The American Society of Agricultural Engineers, St. Joseph, MI, Hungary.

Refereed Articles

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<http://www.inderscience.com/storage/f958212361110741.pdf>

Annou, Mamane M., **Eric J. Wailes** and **Michael R. Thomsen**. "A Dynamic Decision Model of Technology Adoption under Uncertainty: Case of Herbicide-Resistant Rice." *Journal of Agricultural and Applied Economics* 37,1(April 2005):161-172.

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Coffey, K., W. Coblenz, D. Scarbrough, J. Humphry, B. McGinley, J. Turner, T. Smith, D. Hubbell, III., Z. Johnson, D. Hellwig, **Michael Popp** and C. Rosenkrans, Jr. "Impact of Rotation Frequency and Weaning Date on Forage Measurements, and Growth Performance by Cows and Calves Grazing Endophyte-infected Tall Fescue Pastures Overseeded with Crabgrass and Legumes." *Animal Science* 83(2005):2684-2695.

Goodwin, Jr., H. L., Bruce L. Ahrendsen, (Goodwin and Ahrendsen share first authorship) T. Lionel Barton and James H. Denton. "Estimated Returns for Contract Broiler Production in Arkansas, Missouri, and Oklahoma: Historical and Future Perspectives." *Journal of Applied Poultry Research*. 14(1005):106-115.

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<http://www.ifama.org/members/IFAMR/v8i1.htm>
- Vories, Earl D., Phil L. Tacker, and **Rob Hogan**. Multiple Inlet Approach To Reduce Water Requirements For Rice Production. *Applied Engineering in Agriculture*. 21,4(2005):611-616.
- Watson, Susan, **O. John Nwoha**, Gary Kennedy and Kenneth Rea. “Willingness to Pay for Information Programs about E-Commerce: Results from a Convenience Sample of Rural Louisiana Businesses.” *Journal of Agricultural and Applied Economics* 37,3(December 2005):673-683.

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- Hale, M.D., & Johnson, D.M. (2005). Computer tasks required in selected undergraduate agriculture courses. Poster presented at the 51st Annual Conference of the North American Colleges and Teacher of Agriculture, Wooster, OH. Abstract published in the NACTA Journal, 49(3).
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- J. L. Vicente, A. Torres-Rodriguez¹, X. Hernandez^{1,2}, C. Pixley¹, A.M. Donoghue³, G. Tellez¹, y B. M. Hargis¹ Probióticos: una alternativa para el control de patógenos. XXX Convención Nacional de Especialistas en Ciencias Avícolas, April 30-May 3, 2005, Puerto Vallarta, Jalisco, México.
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- Wang, H., Y. Li, and **M. Slavik**. 2005. PCR-based fluorescent method for rapid detection of *Campylobacter jejuni*, *Salmonella typhimurium*, *Escherichia coli* 0157:H7 and *Listeria monocytogenes* in poultry samples. Inter. Assoc. of Food Protection, Baltimore, MD. 92nd Annual IAFT. P. 30.
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from Cobb-Vantress Lines A and B to Bacterial Lipopolysaccharide (LPS, Endotoxin). Report to Igal Pevzner, geneticist for Cobb-Vantress, on a pilot study using lines he manages.

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Invited Lectures

Agricultural Economics and Agribusiness

Goodwin, Jr., H. L. “High Fertilizer Prices: What Does Chicken Little Have to Say?” presented at the National Intertribal Agriculture Council Conference, Las Vegas, Nevada, December 7, 2005.

Goodwin, Jr., H. L. “Assessing the Issues Facing Poultry Growers in Oklahoma and Arkansas,” Meeting for Oklahoma and Arkansas lenders sponsored by Poultry Partners, Kansas, OK, November 28, 2005.

Goodwin, Jr., H. L. “Challenges Facing the Poultry Industry.” Presented to Western Arkansas Farm Credit, September 14, 2005.

Goodwin, Jr., H. L. “Arkansas Agriculture: Economic Outlook.” Farm Credit Services of Western Arkansas. Russellville, AR, August 24, 2005.

Goodwin, Jr. H. L. and Rita I. Carreira. “Poultry Litter: Potential for Expanded Applications by Arkansas Agriculture Producers.” Presented at the Arkansas Young Farmers Conference, July 30, 2005, Little Rock, AR.

Goodwin, Jr., H. L. “Domestic and International Poultry Marketing.” National Poultry 101 Workshop, June 3, 2005, Fayetteville, AR.

Goodwin, Jr., H. L. “Location of Production and Consolidation in the Processing Industry: The Case of Poultry.” Invited paper at the 2005 Southern Agricultural Economics Association meetings, Little Rock, AR, February, 2005.

Hogan, Jr., Robert and Clement E. Ward. “Examining the Fed Cattle Choice-Select Discount.” Selected paper presented at annual meetings of Southern Agricultural Economics Association, Little Rock, AR, February 5-9, 2005.

Popp, Michael “Economics of Renewable Resources.” Programme IP Renewable Biomaterials. Presented lecture as part of a two-week course in Toulouse, France and Ghent, Belgium. (April 15 & 18, 2005).

Popp, Michael “Bio-Fuels (Biodiesel and Ethanol) in the South.” 2005 Southern Outlook

Conference, Atlanta, GA September 27, 2005.

Popp, Michael. "Ethanol Situation and Outlook." 2005 Annual Farm Bureau Convention – Wheat and Feed Grains Conference. Little Rock, AR December 1, 2005.

Wailes, Eric J. "Global Rice Economy: Policies and Prospects." Invited seminar given to the Faculty of Bio-engineering Science, University of Ghent. Ghent, Belgium, April, 2005. Also invited seminar given to the Belgium Agricultural Economics Association, May 2005. Brussels, Belgium.

Wailes, Eric J. "Ph.D. Research and Programs in the U.S." Invited presentation to the Belgian Association of Agricultural Economics workshop for Ph.D. Students. May, 2005. Ghent, Belgium.

Wailes, Eric J. and Alvaro Durand-Morat. "Impacts of WTO Policy on U.S. Rice Policy." Selected paper presented at the World Trade Organization Impacts on U.S. Farm Policy Conference. New Orleans, LA. June, 2005.

Wailes, Eric J. "Impacts of WTO Policy on the U.S. Rice Sector." Invited Presentation to the U.S. Rice Outlook Conference, Austin, TX. December, 2005.

Wailes, Eric J. "Issues and Analysis of Biotechnology on International Competitiveness." Southern Agricultural Economics Association Annual Meeting. Invited Organized Symposium. Little Rock, AR, February 2005

Wailes, Eric J. "Economic Analysis of the Bayou Meto Irrigation Project." Invited Presentation to the Bayou Meto Advisory Board, Lonoke, AR. July, 2005

Wailes, Eric J. "Prospects and Challenges for the 2007 Farm Bill." Invited Presentation to the Arkansas Farm Bureau Study Commission for the 2007 Farm Bill. Little Rock, AR. October, 2005

Young, Kenneth, Rita Carreira, H. L. Goodwin, Jr. and Eric J. Wailes. "Cost Efficiency of Utilizing Poultry Litter from Northwest Arkansas to Fertilize Crops in Eastern Arkansas." Selected Paper presented at the Southern Agricultural Economics Association Annual Meeting. Little Rock, AR. 2005. at: http://agecon.lib.umn.edu/cgi-bin/pdf_view.pl?paperid=15674&ftype=.pdf

Agricultural and Extension Education

Dickinson, A.R., & Johnson, D.M. (2005). A low-cost programmable logic control (PLC) trainer for use in a university agricultural electricity course. Presented at the 2005 Annual Meeting of the American Society of Agricultural Engineers, Tampa, FL. (ASAE Paper #058013).

Herring, D.R. (2005). Impactful living. Presented as the Distinguished Mystery Lecture at the 2005 AAAE Southern Region Conference.

Animal Science

Apple, Jason. December 5 and 6, 2005. Nutritional influences on water-holding capacity of port. Drip Loss and Water Holding Capacity of Porcine Meat Workshop, Institut fur Tierwissenschaften, University of Bonn, Germany.

- Thomas, M.L., and Kellogg, D.W. 2005. Methods of intensively grazing sheep. Natural Resources Conservation Serv. Grazing Lands Workshop. May, 2005. Siloam Springs, AR.
- Thomas, M.L., Kellogg, D.W., and Brown, A.H. 2005. Review of research on intensively grazed cattle. Berea College Seminar, Berea, KY.
- Thomas, M.L., et al 2005. Ultrasound and carcass measures of different biological types of beef cattle developed under a rotational management-intensive grazing system. Mo. Natural Resources Conservation Service Annual Meeting, TanTara, MO.
- Thomas, M.L., et al 2005. Performance of yearling stocker cattle of different biological types in a management-intensive grazing system. Mo. Natural Resources Conservation Service Annual Meeting. TanTar, MO.
- Thomas, M.L., et al. 2005. Dung beetle benefits in the pasture ecosystem. Fort Dodge Anim. Health Meeting, January, 2005. Eureka, KS.
- Yazwinski, T.A. The current challenges in parasite control for cattle. An invited presentation as given at the Strate Deworming Workshop as hosted by Merial in Atlanta, Georgia in February, 2005.
- Yazwinski, T.A. The dynamics of histomoniasis and heterakiasis in commercial chickens. An invited presentation as given at a workshop hosted by Tysons in Missouri in the spring of 2005.
- Yazwinski, T.A. Control of *Ascaridia dissimilis* in the turkey. An invited presentation as given at the Circle S company in North Carolina in August of 2005.

Biological and Agricultural Engineering

- Carpenter, D., **J.W. Kim**, and R. Deaton. 2005. Estimating the Sequence Complexity of a Random Oligonucleotide Population Using Cot Analyses. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA.
- Carrier, D.J.** and Clausen E. "Research Updates at the University of Arkansas." The Science and Engineering for a Biobased Industry and Economy Multistate Research Project, Knoxville, TN , September 2005.
- Carrier, D.J.**, S. Nagarajan, S. Wallace, K. Vaughn and E. Clausen. 'Silybin inhibits LDL oxidization.' IV Biomedical Engineering Symposium. Little Rock AR May 2005.
- Carrier, D.J.** "Phytochemicals: What are their uses?" Department of Horticulture, University of Arkansas October 2005.
- Chaubey, I.** Beaver Lake watershed decision support system. The Great Plains Network Consortium Meeting, Lawrence, KS. February 25, 2005.
- Chaubey, I.** "A framework to stochastically evaluate watershed models." 2nd Indian International Conference on Artificial Intelligence Applications. Pune, India. December 20-22, 2005.
- Chaubey, I.** "Development of a Decision Support System for Beaver Lake watershed." Northwest Arkansas Water Quality Symposium, Rogers, AR. March 22, 2005.
- Chaubey, I.** "Identifying runoff source areas in a pasture dominated watershed." 2005. Annual International Conference of the Soil and Water Conservation Society. Rochester, NY. August 2, 2005.

- Chaubey, I.** "Integrated ecosystem management: research advances, opportunities, and challenges in 21st Century." Indian Agricultural Research Institute, New Delhi. December 13, 2005.
- Chen, J., R. Deaton, M. Garzon, **J.W. Kim**, D.H. Wood, H. Bi, D. CarpenterMS, J.S. LeePhD, and Y.-Z. Wang. 2005. Sequence Complexity of Large Libraries of DNA Oligonucleotides. DNA 11: 11th International Meeting on DNA Computing, London, Ontario, Canada.
- Clendenin, J., S. Tung, and **J.W. Kim**. 2005. A Microscale Biosensor on Integration of Single-Stranded DNAs and Aligned Multi-Walled Carbon Nanotubes. IEEE International Conference on Robotics and Biomimetics (ROBIO), Hong Kong, China.
- Clendenin, J., S. Tung, **J.W. Kim**, R. Deaton, and N. KotagiriPhD. 2005. Development of an Electrically Addressable DNA-Based Aligned Multi-Walled Carbon Nanotube Nanosensor. 5th IEEE Conference on Nanotechnology (IEEE-Nano 2005), Nagoya, Japan.
- Deonikar, P., and **Kavdia M.** Biochemical interactions of nitric oxide and red blood cell- effects of oxygenation and hematocrit. Biomedical Engineering Society (BMES) Annual Fall Meeting, Baltimore, MD, October, 2005.
- Deonikar, P., N. Bhise, and **M. Kavdia**. Role of Red Blood Cell Oxygenation in Metabolism of Nitric Oxide. Experimental Biology (FASEB), San Diego, California. April 2-6, 2005.
- Ekensair, A., **D.J. Carrier**, L. Duan, and E. Clausen. "Extraction of flavonoids from mimosa, using water" presented at the 27th Symposium on Biotechnology for Fuels and Chemicals, Denver May 2005 (poster).
- Fischer, S.E., **J.W. Kim**, and T.L. Peeples. 2005. Biotransformation of Corn Stover Pyrolysates by Extremophilic Organisms. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA. 2005.
- Fischer, S.E., **J.W. Kim**, and T.L. Peeples. Motors in a Microfluidic System. The International Conference on Bio-Nano-Informatics (BNI) Fusion, Marina del Rey, CA.
- Garg, V. and **I. Chaubey**. Diffuse light effect on the accuracy of remote sensing model of water quality assessment. Poster presented at the Annual Conference of the Arkansas Water Resources Association. Fayetteville, AR. April 19, 2005.
- Jat, P. and **G. S. Osborn**. 2005. Role of Critical Moisture Gradient in Rice Fissuring. Poster Presentation Rice Field Day, Stuttgart AR.
- Jiang, Q., Y. Ying, J. Wang, Z. Ye, and **Y. Li**. 2005. Detection of cephadrine through the electrochemical study of the degradation product of cephadrine. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the *Proceedings of SPIE Volume 5994*.
- Jiang, X., Y. Ying, Z. Ye, J. Wang, and **Y. Li**. 2005. Electrochemical biosensor for rapid detection of pesticide residues in agricultural products. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the *Proceedings of SPIE Volume 5994*.
- Johnson, G., W. Cook, **D.J. Carrier**, L. Duan, and E. Clausen. "Grape pomace Flavonoids Extraction from "presented at the 27th Symposium on Biotechnology for Fuels and Chemicals, Denver May 2005 (poster).
- Kandaswamy, J., **S. G. Bajwa**, and J.K. Apple. 2005. Chemometric modeling of fat, cholesterol and caloric content in fresh and cooked ground beef with NIR reflectance spectroscopy.

- In. Proc. of SiCON-Sensor for Industry Conference, Houston, TX, Feb 8-10, 2005. Piscataway, NJ: IEEE.
- Kandaswamy, J., **S. G. Bajwa**, J.K. Apple, and J. T. Sawyer. 2005. Effect of near-infrared scanning angle in prediction of tenderness and sensory attributed of Longissimus Thoracis steaks. ASAE Paper No. 056010. St. Joseph, MI: ASAE. (Senior author).
- Kavdia, M.** Computational Model for Analysis of Oxidative Stress on the Nitric Oxide Transport in the Microcirculation. Experimental Biology (FASEB), San Diego, California, April 2-6, 2005.
- Kavdia, M.** Model to Evaluate Oxidative Stress Effect on Nitric Oxide Transport in an Arteriole. Society for Free Radical Biology and Medicine, Austin, TX, November, 2005.
- Kim, J.W.** and S. Tung. 2005. Fagellar Motor Based Nitrate/Nitrite Sensor. 229th American Chemical Society (ACS) National Meet. (Session - Biosensors and Sensors III: Bacteria-Based and Cell-Based Sensors), San Diego, CA.
- Kim, J.W.** and T.L. Peeples. 2005. Screening Extremophiles for Bioconversion Potentials. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA.
- Kim, J.W.**, R. Deaton, J.S. LeePhD, and J. Chen. 2005. Thermal Melting and Cot Analyses of Non-Crosshybridizing DNA Oligonucleotides Manufactured In Vitro. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA.
- Kulkarni, S. S., and **S. G. Bajwa**. 2005. Modeling spectral indices of cotton canopy with soil compaction, soil electrical conductivity and yield. ASAE Paper No. 051066. St. Joseph, MI: ASAE. (Senior author).
- Leh, M. **I. Chaubey**, J.V. Brahana, and J. Murdoch. Quantification of critical runoff contributing areas in a pasture watershed. Poster presented at the Annual Conference of the Arkansas Water Resources Association. Fayetteville, AR, April 19, 2005.
- Li, Q., J. Wang, Z. **Ye, Y.** Ying, and Y. Li. 2005. Detection of fruit quality based on bioimpedance using probe electrode. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the Proceedings of SPIE Volume 5994.
- Li, Y.** 2005. Biosensors and their applications in agriculture and food. Invited presentation at The World Agriculture Congress: Forum on Agricultural Information, September 15-17, Beijing, China.
- Li, Y.** 2005. Biosensors for rapid detection of foodborne pathogens. Invited presentation at MOST, China and USDA Workshop: Agricultural Products Processing and Food Safety, September 21-24, Beijing, China.
- Li, Y.**, Q. Sun, F. Liu, and X. Su. 2005. Nanoparticles based QCM immunosensor for detection of foodborne pathogens. Presented at IAFP 2005 92nd Annual Meeting, August 13-17, Baltimore, MD.
- Li, Y.**, Q. Sun, M. Varshney, and X. Su. 2005. Immuno-nanobeads based QCM biosensor for rapid, sensitive and specific detection of Escherichia coli O157:H7. Presented at IBE 2005 Annual Meeting, March 4-6, Athens, GA.
- Li, Y.**, S. Ang, X.L. Su, L. Yang, and, X. Yu. 2005. Impedance biosensor for detection of multiple foodborne pathogens. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Liu, Z. and **Y. Li**. 2005. Listeria monocytogenes in used hot dog chilling brine and its inactivation by citric-acid-acidification. Presented at IFT 2005 Annual Meeting, July 15-

- 20, 2005, New Orleans, LA.
- Matlock, M.** 2005. Chair, Session on Nutrient Management in Rivers and Streams, AWRC Annual Water Quality Meeting, Fayetteville, AR April, 2005.
- Matlock, M.** 2005. Measuring Stream Quality. National Watershed Management Workshop, Fayetteville, AR, December 2005.
- Matlock, M.** Invited Participant – USEPA Aquatox Training Program, March 2005, Chicago, IL.
- Matlock, M.** Keynote Speaker – Challenges in Ecological Modeling – CREST-RESSACA NSF Meeting, April 2005, San Antonio, TX.
- Matlock, M.** Keynote Speaker: The Role of the Academic Community in Balancing Economic and Environmental Sustainability. Oklahoma Academy on State Planning, Oklahoma City, Oklahoma, January 2005.
- Matlock, M.** Panel Speaker – Developing Fundamental Ecological Engineering Knowledge – The 5th Annual American Ecological Engineering Society Meeting, May 2005, Columbus, OH.
- Matlock, M.** Program Reviewer – The CADDIS Risk Assessment Protocol – USEPA, June 2005, Washington, DC.
- Matlock, M.** Program Reviewer – USEPA Fellowship for Environmental Studies Program, Feb. 2005, Washington, DC.
- Mutlu, E.O., **I. Chaubey**, and H. Hexmoor. Development of a neural net model to predict total phosphorus concentration in Eucha watershed. Poster presented at the Annual Conference of the Arkansas Water Resources Association. Fayetteville, AR. April 19, 2005.
- Osborn, G.S.** 2005. Applications and design criteria for BlueInGreen oxygenation and ozonation technology. Presentation made to EXON Solutions, Taipei, Taiwan.
- Osborn, G.S.** 2005. Portable Water Oxygenation System for use in Aquaculture. Presentation made to USDA-ARS Thad Cochran Warm Water Aquaculture Unit, Stoneville, MS.
- Osborn, G.S.** 2005. Oxygenation technology to support Arkansas fisheries. Presentation made to Arkansas Game and Fish personnel.
- Osborn, G.S.** and G. Magness. 2005. BlueInGreen's technology for injecting oxygen in White River Tailwaters below dams. Made to Missouri-Arkansas White River Fisheries Partnership annual meeting in Table Rock Lake in Missouri.
- Osborn, G.S.** and M.D. Matlock. 2005. BlueInGreen: An example of integrating student learning with technology development. National Collegiate Inventors and Innovators Alliance (NCIIA) annual meeting, San Diego, CA.
- Osborn, G.S.** and M.D. Matlock. 2005. Improved Technology for Delivering Oxygen to Bioreactions in a Water Matrix. Southern Association of Agricultural Scientists. Annual.
- Pooran, R., S. Tung, and **J.W. Kim**. 2005. Application of a PDMS Microsieve for the Patterning of Flagellar Motors in a Microfluidic System. ASME International Mechanical.
- Pooran, R., S. Tung, and **J.W. Kim**. Engineering Congress and R&D Expo (IMECE), Orlando, FL. 2005. Patterning of Escherichia coli Flagellar.
- Potdar S.S. and **M. Kavdia**. High glucose effect on nitric oxide and superoxide release from HUVECs under shear stress. Biomedical Engineering Society (BMES) Annual Fall Meeting, Baltimore, MD, October, 2005.

- Potdar S.S. and **M. Kavdia**. Nicotine induced alterations in endothelial cell release of nitric oxide and free radicals. Biomedical Engineering Society (BMES) Annual Fall Meeting, Baltimore, MD, October, 2005.
- Pradhan, A. and **Y. Li**. 2005. Interactive predictive modeling of pathogen kinetics, heat and mass transfer for thermal inactivation of *Listeria* in ready-to-eat poultry products. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS. Won First Place in the Graduate Student Poster Competition.
- Pradhan, A. and **Y. Li**. 2005. Pathogen kinetics and heat transfer modeling for thermal inactivation of *Listeria* in ready-to-eat poultry products. Presented at IFT 2005 Annual Meeting, July 15-20, 2005, New Orleans, LA.
- Schaffer, B.K., **I. Chaubey**, and P. Tacker. Development of an integrated water quality – water management program in Arkansas Delta. Poster presented at the Annual Conference of the Arkansas Water Resources Association. Fayetteville, AR, April 19, 2005.
- Srinivasan, B., M. Varshney, S. Tung, and **Y. Li**. 2005. A microfluidic filter chip for highly sensitive chemiluminescence detection of *E. coli* O157:H7. To be presented at 2005 ASME International Mechanical Engineering Congress and Exposition, November 5-11, Orlando, FL. Paper IMECE2005-81881 in the Proceedings of IMECE'05.
- Su, X. and **Y. Li**. 2005. A quartz crystal microbalance immunosensor for detection of *Salmonella Typhimurium* based on simultaneous measurements of resonant frequency and resistance. Presented at PITTCO 2005 Annual Meeting, February 27 – March 4, Orlando, FL.
- Su, X., Q. Sun, B. Kim, and **Y. Li**. 2005. An automatic capillary immunoassay system for detection of foodborne pathogens. Presented at ASAE 2005 Annual Meeting, July 17-20, Tampa, FL. ASAE Paper No. 057026.
- Su, X.L., Q. Sun, B. Kim, and **Y. Li**. 2005. An automatic capillary immunoassay system for detection of foodborne pathogens. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Varshney, M. and **Y. Li**. 2005. Magnetic nanoparticle-antibody conjugates for highly efficient separation of *Escherichia coli* O157:H7 from food samples. Presented at IBE 2005 Annual Meeting, March 4-6, Athens, GA.
- Varshney, M., **Y. Li**, B. Srinivasan, and S. Tung. 2005. Microfluidic filter chip applied for chemiluminescence fiber optic biosensing method for the detection of *E. coli* O157:H7. Presented at ASAE 2005 Annual Meeting, July 17-20, Tampa, FL. ASAE Paper No. 057028.
- Varshney, M., **Y. Li**, B. Srinivasan, and S. Tung. 2005. Microfluidic filter chip based chemiluminescence biosensor for detection of *E. coli* O157:H7. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Vibhava, V., **S. G. Bajwa**, and I. Chaubey. 2005. Hydrologic modeling of L'Anguille watershed using soil and water assessment tool. ASAE Paper No. 052157. St. Joseph, MI: ASAE. (Senior author).
- 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. (Co-author).
- Wallace S., **D.J. Carrier**, E. Vaughn, C. Clausen, and Shanmugam Nagarajan, 'Flavanolignans From Milk Thistle May Prevent Atherosclerosis' Second International Antioxidant

- meeting, Orlando FL, June 22, 2005 (poster).
- Wallace S., **D.J. Carrier**, E. Vaughn, C. Clausen, and Shanmugam Nagarajan, 'Flavanolignans From Milk Thistle and Atherosclerosis.' American Society for Pharmacognosy, Corvallis OR, July 2005 (oral).
- Wallace S., **D.J. Carrier**, E. Vaughn, C. Clausen, and Shanmugam Nagarajan, 'Flavanolignans From Milk Thistle and Atherosclerosis.' European Society for Medicinal Plants, Florence, Italy, August 2005 (poster).
- Wang, H., **Y. Li**, and M. Slavik. 2005. PCR-based fluorescent method for rapid detection of *Campylobacter jejuni*, *Salmonella Typhimurium*, *Escherichia coli* O157:H7 and *Listeria monocytogenes* in poultry samples. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Wang, H., **Y. Li**, and M. Slavik. 2005. PCR-Based fluorescent method for rapid detection of *Campylobacter jejuni*, *Salmonella Typhimurium*, *Escherichia coli* O157:H7 and *Listeria monocytogenes* in poultry samples. Presented at IAFP 2005 92nd Annual Meeting, August 13-17, Baltimore, MD.
- Wijesekera, I., **J.W. Kim**, and R. Beitle. 2005. Thermostable, Acid-Tolerant Citrate Synthase from Hyperthermoacidophilic Archaeon *Sulfolobus tokodaii* Strain 7. Institute of Biological Engineering (IBE) Annual Meeting, Athens, GA.
- Yang, L., X. Su, and **Y. Li**. 2005. Quantum dot bioconjugates for simultaneous detection of *Escherichia coli* O157:H7 and *Salmonella Typhimurium*. Presented at PITTCO 2005 Annual Meeting, Feb. 27 – March 4, Orlando, FL.
- Yang, L., X. Su, and **Y. Li**. 2005. Quantum dot bioconjugates for simultaneous detection of *Salmonella Typhimurium* and *Escherichia coli* O157:H7. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Zharov, V.P., **J.W. Kim**, D.T. Curiel, and M. Everts. Amplified Laser-Nanocluster Interaction in DNA, Viruses, Bacteria, and Cancer Cells: Potential for Nanodiagnostics and Nanotherapy. 26th Annual Meeting of the American Society for Laser medicine and Surgery, Boston, MA. 2005.

Crop, Soil and Environmental Sciences

- Avila, C.A.**, J.McD. Stewart, and R.T. Robbins. 2005. Transfer of Reniform Nematode Resistance from Diploid Cotton Species to Tetraploid Cultivated Cotton. CI Nematode Workshop. 09 June. Memphis, Tennessee. (Invited)
- Bacon, R.K.**, and J.T. Kelly. 2005. Canola Research at the University of Arkansas. SERA-IEG 11 Mtg.. Petersburg, VA. (Invited).
- Baker, W.H.** 2005. Taking a Step into Precision Ag Yield Monitors. Mississippi County Cotton Production Mtg.. NE Research and Extension Center. Keiser, AR. 20 Jan. (Invited)
- Baker, W.H.** 2005. Remote Sensing Technologies for Agricultural Assessments. Arkansas Crop Consultants Conf. 30 Jan. Little Rock, AR. (Invited)
- Baker, W.H.**, J.M. Worlow, and A.B. Greenwalt. 2005. Precision Agricultural Technology. ASU Agribusiness Conf, Jonesboro, AR. 15 Feb. (Invited)
- Bourland, F. M.** 2005. Cotton Varieties with High Yield and Excellent Fiber Quality? 2005 Engineered Fiber Selection Conf., Memphis, TN 07-08 May. (Invited)

- Burgos, N.R.** 2005. Biology and Ecology of Red Rice in the United States. Paper presented at the Weedy Rice Training for Central America, Matagalpa, Nicaragua, 14 Mar.2005. (Invited)
- Burgos, N.R.,** R.C. Scott, and A. Fischer. 2005. Management of Weedy Rice in U.S. Rice Agriculture. Paper presented at the Weedy Rice Training for Central America, Matagalpa, Nicaragua, 15 Mar. (Invited)
- Burgos, N. R.,** R. C. Scott, and J. B. Guice. 2005. Low Rate Gene Transfer from Clearfield Rice to Red Rice. Paper presented at the 20th Asian-Pacific Weed Sci. Soc. Conf., Ho Chi Minh City, Vietnam. (Invited).
- Burgos, N.R.** and L.R. Oliver. 2005. Grass Resistance to G1/G2 Herbicides in the Southern U.S. Paper presented at the Cereal Herbicide Resistance Management Workshop, 24-25 May Minneapolis, MN. (Invited)
- Burgos, N.R.** and R.C. Scott. 2005. Importance and Management of Weedy Rice in U.s. Rice Agriculture. Paper presented at the Weedy Rice Mtg. in Liberia, Costa Rica, 11 Mar. 2005. (Invited)
- Counce, P.A.** 2005. A Computer Program for Draining Rice by Growth Stages. Arkansas Soil & Water Education Conf., ASU, Jonesboro, 13 Jan. (Invited)
- Daniel, T.C.** and M. Cochran. 2005. Phosphorus Overview and the Espi Index. Scientific Seminar Re: Poultry Litter Phosphorus Levels in the Illinois River Watershed. 19 July. Univ. Tulsa Reynolds Ct. At the request of Judge T.R. Brett and Gregg Cooke. (Invited)
- Daniel, T.C.** and A. N. Sharpley. 2005. Phosphorus Overview: From the Laboratory to the Courtroom. Phosphorus Cycling in Agricultural, Urban, and Aquatic Ecosystems. Univ. Minnesota-St Paul, MN. 28 Mar. (Invited)
- Greenwalt, A.B. and **W.H. Baker.** 2005. Fundamentals of Remote Sensing to Make Crop Management Decisions. ASU Agribusiness Conf. 15 Feb. Jonesboro, AR. (Invited)
- Hawkins, Carrie,** E. Moye Rutledge, Edgar P. Mersiovsky, Larry B. Ward, and Doug A. Wysocki. 2005. Soils and Geomorphic Surfaces of Eastern Craighead County, Arkansas. Presented at Arkansas Association of Professional Soil Classifiers Ann. Mtg. 14 Oct. Conway, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. New Rice Varieties and How They Compare. North Arkansas County Producer Mtg. Stuttgart, AR 15 Feb. (Invited)
- Moldenhauer, K.A.K.** 2005. What's New in Rice Varieties. Lee County Production Mtg. Marianna, AR. 11 Feb. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Varieties. South Arkansas County Ag Day, Dewitt,, AR. 04 Feb. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Varieties How They Compare. Pine Tree Experiment Station Field Day. 16 Aug. Colt, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Variety Update - What's New? Mississippi County Mtg.. 22 Feb. Keiser, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Variety Screening and Selection. Short course St. Francis County. 24 Feb. Wynne, **AR.** (Invited)

- Moldenhauer, K.A.K.** 2005. Rice Varieties. RREC Field Day. 10 Aug. Stuttgart, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Varieties - What's New. Arkansas Seed Growers Association. 20 Jan. Brinkley, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Update on Rice Varieties. Cross County Producer Mtg.. 11 Jan. Wynn, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Arkansas Rice Breeding Program and the Different Rice Quality Attributes. Arkansas Women's Forum. 08 Jan. Stuttgart, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Varieties. Cash River Valley Field Day. Cash, AR. 17 Aug. (Invited)
- Moldenhauer, K.A.K.** 2005. Arkansas Rice Breeding Program -How Varieties Are Created. Rice Dryer Association. 25 Feb. Tunica, MS. (Invited)
- Moldenhauer, K.A.K.**, 2005. Performance of RiceTec Varieties in the ARPT. 5th Annual RiceTec Hybrid Rice Conf. 25-26 Oct. Little Rock, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Rice Varieties. Monroe County Producer Day. 07 Mar. Brinkley, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. The Art of Plant Breeding. Rice CAPS Workshop, 13-16 June. Stuttgart, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. Update on New Varieties from University of Arkansas Rice Research Center. Arkansas Rice Growers Association. 25 Jan. Brinkley, AR. (Invited)
- Moldenhauer, K.A.K.** 2005. New Rice Varieties. Lake Hogue Field Day. 03 Aug. (Invited)
- Oliver, Dick.** 2005. Syngenta Workshop on Resistant Ryegrass Minneapolis, MN (Invited)
- Rutledge, E. Moye.** 2005. Onsite Soil Treatment of Household Wastewaters. Presented at Arkansas Association of Professional Soil Classifiers Ann. Mtg. 14 Oct. Conway, AR. (Invited)
- Rutledge, E. Moye,** C. Roland Mote, and Carrie L. Hawkins. 2005. Onsite Soil Treatment of Household Wastewaters. Presented at Arkansas Water Resources Center Annual Conf. 19 Apr. Fayetteville, AR (Invited)
- Scott, R.C., **N.R. Burgos**, and L.R. Oliver. 2005. ACCase-Resistant Ryegrass in Arkansas Wheat. *In Proc. South. Weed Sci. Soc.* 58:239. (Invited)
- Srivastava, V.,** M. Ariza-Nieto, A.J. Wilson, and R. Chawla. 2005. Cre-Mediated Site-Specific Gene Integration for Consistent Transgene Expression in Rice. Maize Genetics Conf., Mar. 10- 12, 2005, Lake Geneva, WI. (Invited)
- Worlow, J.M. and **W.H. Baker.** 2005. City Green, the Value of Trees. ASU Agribusiness Conf. 15 Feb. Jonesboro, AR. (Invited)

Entomology

- Birt, A., R. Feldman, D. Cairns, C. Lafon, M. Tchakerian, J. Guldin, **F. Stephen**, M. Lih, S. Yamamoto and R. Coulson. 2005. Modeling population dynamics of southern pine beetle. East Texas Forest Entomology Seminar. Nacogdoches, TX.
- Browne, L.E., **F. M. Stephen** and M. P. Lih. 2005. SPBMODEL simulated populations of southern pine beetle, *Dendroctonus frontalis*, compared with field measurements. Poster

- presentation. IUFRO conference entitled Forest Insect Epidemics: Population Dynamics, Dispersal, and Ecosystem Impacts. Prince George, BC.
- Chapman, L.D. and **F.M. Stephen**. 2005. A model for predicting infestation levels of red oak borer in the Ozarks of Arkansas. East Texas Forest Entomology Seminar. Nacogdoches, TX.
- Coulson, R.N., M.D. Tchakerian, D. Cairns, J. Guldin, **F.M. Stephen** and M. Lih. 2005. An Approach to Modeling Southern Pine Beetle Epizootiology in Mesoscale Forest Landscapes. IUFRO conference entitled Forest Insect Epidemics: Population Dynamics, Dispersal, and Ecosystem Impacts. Prince George, BC.
- Fierke, M.K. and **F.M. Stephen**. 2005. Impacts of an unprecedented red oak borer outbreak on Arkansas Forests. Annual Meeting of Arkansas Chapter of American Fisheries Society, The Wildlife Society and Forestry Society. Russellville, AR.
- Fierke, M.K. and **F.M. Stephen**. 2005. Red oak borer and its impacts on Arkansas woodlands. 24th Annual Horticulture Industries Show. Fort Smith AR.
- Goggin, F.L.** 2005. Divergent defensive pathways in tomato and their effects on plant-aphid interactions. Society of Experimental Biology Annual Meeting, Barcelona, Spain.
- Kelley, M.B. and **F.M. Stephen**. 2005. Relationships among *Armillaria* species and red oak borer. East Texas Forest Entomology Seminar. Nacogdoches, TX.
- Kring, T. J.**, A. S. Chappell, G. M. Lorenz and J. K. Greene. 2005. New Arkansas cotton aphid threshold: Natural enemies play key role in the treatment decision process. *Biological Control Symposium*, Entomological Society of America, Southeastern Branch Annual Meeting. Tunica, MS.
- Kring, T. J.**, A. S. Chappell, G. M. Lorenz and J. K. Greene. 2005. Reliance on natural enemies in the cotton aphid treatment decision process. *The Practice of Biological Control: A Symposium in Honor of Mike Rose*. IOBC-NRS and Biocontrol Network of Canada Joint Conference, Magog-Orford, Quebec.
- Kring, T. J.**, G. M. Lorenz, A. S. Chappell and J. K. Greene. 2005. The influence of predators in cotton on aphid treatment decisions. *Section C Symposium: Incorporating natural enemies into crop protection decision making*. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Luttrell, R.G.** 2005. Resistance and resistance management. Arkansas Pesticide Re-certification Meeting, Fayetteville, AR.
- Luttrell, R.G.** 2005. The changing world of insects: Impact of Bt cotton and the landscape on pests. IPM Workshop (Regional Cotton Pest Management), Memphis, TN.
- McKern, J. and **D. Johnson**. 2005. Biology and control of the raspberry crown borer in Arkansas blackberries. Southern Region IR-4 meeting, Padre Island, TX.
- Steinkraus, D. C.** 2005. Biological control of Japanese beetle larvae in Arkansas. Arkansas Crop Protection Association Research Conference, Fayetteville, AR.
- Steinkraus, D.** 2005. Factors affecting transmission of fungal pathogens of aphids. Society for Invertebrate Pathology Annual Meeting, Anchorage, Alaska.
- Stephen, F.M.** - Forest health and insect outbreaks: Impacts on forest landscapes. Seminar, Entomology Department, UA.
- Stephen, F.M.** 2005. Forest health and insect outbreaks: problems everywhere? Arkansas Farm Bureau Annual Meeting. Little Rock, AR.
- Stephen, F.M.** 2005. Forest health and oak decline: setting the stage for an endemic insect outbreak. Ohio Agricultural Research and Development Center, Ohio State University,

Wooster, OH.

- Stephen, F.M.**, R. Coulson, J. Guldin and M. Fierke. 2005. Declining forest health and epidemic insects: red oak borer in the Ozark Mountains of USA. IUFRO conference, Forest Insect Epidemics: Population Dynamics, Dispersal, and Ecosystem Impacts. Prince George, BC.
- Stephen, F.M.** and J.G. Guldin. 2005. Red oak borer in Ozark forests: ecology and assessment of a native tree-killing cerambycid. East Texas Forest Entomology Seminar. Nacogdoches, TX.
- Ware, V.M. and **F.M. Stephen**. 2005. Intra- and inter-specific interactions of larval red oak borer: survival in the arena of peril. East Texas Forest Entomology Seminar. Nacogdoches, TX.

Wiedenmann, R.N. Pest management: looking ahead requires looking back. Arkansas Crop Protection Association, Fayetteville, AR.

Wiedenmann, R.N., S.L. Post and M.R. Jeffords. Biological control of purple loosestrife in Illinois wetlands. Symposium, *Weed Biological Control in Natural Areas*, Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.

Wiedenmann, R. N., S. L. Post and M. R. Jeffords. Biological control for everyman: public participation in a weed project. *The Practice of Biological Control: A Symposium in Honor of Mike Rose*. IOBC-NRS and Biocontrol Network of Canada Joint Conference, Magog-Orford, Quebec.

Food Science

Scientific Meetings:

Hettiarachchy, N.S., R. Horax, and T. Rababah. International conference on “antioxidant and free radicals in health-nutrition and radio-protectors” and iv annual conference of the society for free radical research in india” (SFRR), total phenolics, phenolic acid constituents, antioxidant and antimutagenic activities of selected plant extracts including bitter melon (Bitter Gourd). St. John’s National Academy of Health Sciences Bangalore, India, January 10-12.

Hettiarachchy, Navam, R. Horax and Jalaluddin Chen. 2005. Antimicrobial activities of bitter melon flesh extract. Sixth International Conference and Exhibition on Nutraceuticals and Functional foods. Anaheim, California. October 16-19.

Howard, L.R. Antioxidant Capacity and Polyphenolic Content of blueberries and blackberries as affected by genotype, maturation and growing season. 2005 International Berry Health Benefits Symposium. Corvallis, OR. June 13.

Howard, L.R. High pressure liquid extraction of flavonoids from spinach. 2005 National Spinach Conference. Fayetteville, AR. November 16.

Howard, L.R. Phytochemicals in Pepper (*Capsicum annuum* L.) Fruit. 2005 International symposium on functionalities of hot red peppers and hot sauces. Korea University, Seoul, Korea. July 1.

Howard, L.R. Pressurized hot water extraction of procyanidins from grape seeds. Green Processes for Extraction and Formulation of Phytochemical-derived Products Symposium. American Chemical Society National Meeting. Washington, DC. August

29.

- Lam, H.S.**, A. Proctor, and L.R. Howard. 2005 Rapid antioxidant capacity determination of fruit extracts by Fourier transform infrared spectroscopy. Annual Meeting of the American Oil Chemists Society. Salt Lake City, Utah. May 4th.
- Meullenet, J-F.** 2005. Developing the perfect Jasmine rice. Guest Speaker, AACC Rice Division Luncheon, Orlando, FL
- Meullenet, J-F.** 2005. Development of the BITE master II and its application to studies on food firmness. WCFS Food Summit: Making Sense of Food.
- Meullenet, J-F.** 2005. Mechanical and bio-mechanical considerations for relating sensory and instrumental measures of cheese texture. Symposium. Annual IFT Meeting, New Orleans, LA
- Morris, J.R.** Health values of muscadine grapes. Keynote presentation at Muscadine Grape Conference at E. Carolina State University, Conway, SC. October.
- Morris, J.R.** The U of A Enology and Viticulture program and its research on muscadine grapes. NC Muscadine Grape Grower's Assoc. Pine Level, NC. July.
- Owens, C.M., J.M. Mehaffey, **J-F.C. Meullenet**, S.R. McKee, and J.L. Emmert. 2005. Evaluating the effect of shortened aging times on meat quality of breast fillets from five commercial broiler strains at 6 and 7 weeks of age. Proceedings of XVII European Symposium on the Quality of Poultry Meat & XI European Symposium on the Quality of Eggs and Egg Products. Doorwerth, The Netherlands. May 23-26.
- Owens, C.M., L.C. Cavitt, J.M. Mehaffey and **J-F.C. Meullenet**. 2005. Tenderness assessment of commercial broilers. Proceedings of the ANECA Annual Meeting, Puerto Vallarta, Mexico. April 27-30.
- Proctor, A.** and V. Jain. 2005. Conjugated linoleic acid synthesis from soy oil by photoisomerization. International conference on Renewable Resources and Biorefineries. Gent, Belgium. September 21st.
- Proctor, A.**, S.H. Lam and M. Monsoor. 2005. Impact of free fatty acid formation and off flavor formation on milled rice brewing quality. Symposium - Grain based Products: Health and Flavor and Safety Aspects (Co-sponsored by German Food Chemistry Society). Biannual Meeting of the American Chemical Society, Washington, DC. August 31st.
- Proctor, A.**, S.H. Lam, J. Nyalala, M.D. Morris & W.G. Smith. 2005. FTIR evaluation of LDL oxidation, in the presence of flavonoids, and α -tocopherol. 2005. Annual Meeting of the American Oil Chemists Society. Salt Lake City, Utah. May 4th.

Industry or Extension Meetings:

- Hettiarachchy, N.S.** Development of tailor-made biodegradable film spray applications in roses. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Development of tailor-made biodegradable film spray applications in tulips. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Development of tailor-made biodegradable film spray applications in lilies. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Development of tailor-made biodegradable film spray applications in carnation. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.

- Hettiarachchy, N.S.** Development of tailor-made biodegradable film spray applications in mums. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** I. Effect of edible film coating on the shelf-life of cut water melon pieces. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Effect of edible film coating on mung bean and soybean sprout. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Effect of edible film coating on the shelf-life of strawberry. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Effect of edible film coating on the shelf-life of cut banana slices. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Effect of film coating on the shelf-life of eggs. Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. May 14.
- Hettiarachchy, N.S.** Part IV: "Solubility and emulsifying properties of rice protein hydrolysates. DSM, Switzerland. October 28.
- Morris, J.R.** Commercializing the M-O system. Presented for French Camp and Gallo managers Santa Margarita, CA. November.
- Proctor, A.** and M. Monsoor. 2005. Method Development for solvent extraction of oil from soy flour I. Harry Snyder consultant/IFSE.
- Proctor, A.** and M. Monsoor. 2005. Method development for solvent extraction of oil from soy flour II. Harry Snyder consultant/IFSE.
- Siebenmorgen, T.J.** 2005. Annual program report of the Rice Processing Program. 2005. Update of research and extension activities of the Rice Processing Program to corporate sponsors. Fayetteville.
- Siebenmorgen, T.J.** 2005. Factors affecting rice milling quality. RiceCap Newsletter. University of Arkansas.
- Siebenmorgen, T.J.** 2005. Milling quality factors. Oral presentation at the Rice Research and Extension Center Field Day. Stuttgart, AR. August 9.
- Siebenmorgen, T.J.** 2005. Recent drying and milling research. Presentation to representatives of Buhler. Uzwil, Switzerland. June 9.
- Siebenmorgen, T.J.** 2005. Summary of research on degree of milling assessment. Presentation to representatives of the rice milling industry and the Grain Inspection, Packers, and Stockyards Administration. Kansas City, MO. March 23.
- Siebenmorgen, T.J.** 2005. Update of research being conducted in the U of A Rice Processing Program. Presentation to the Annual Convention of the Arkansas Driers and Warehousemen's Assoc. Tunica, MS. February 25.
- Siebenmorgen, T.J.** 2005. University of Arkansas Rice Processing Program Research Update Series. 2004. These are quarterly research reports sent to corporate sponsors of the Rice Processing Program.

Horticulture

- Clark, J.R.** 2005. Arkansas blackberry breeding: progress and prospects. Presented at the Fruit Growers Assn., Patagonia, Nuequen, Argentina, December (invited).

- Clark, J.R.** 2005. Arkansas fruit breeding accomplishments and challenges in fruit improvement. Southwest Mo. State Fruit Science Dept. Seminar, Mtn. Grove, Mo., February. (invited).
- Clark, J.R.** 2005. Blackberry cultivars in depth. Extension Agent Training in conjunction with the Southeast Fruit and Vegetable Conference, Savannah, Ga., January (invited).
- Clark, J.R.** 2005. Bramble cultivars and the University of Arkansas breeding program. Southeast Fruit and Vegetable Conference, Savannah, Ga., January (invited).
- Clark, J.R.** 2005. Current trends in fruit breeding in improving blackberries in the U.S. Proc. Symposium of Strawberries and Soft Fruit, Levico Terme, Trentino, Italy, October (invited).
- Clark, J.R.** 2005. History of blackberries and new varieties. Sunnyside Farm Growers' Conference, Amelia Island, Fla., January. (invited).
- Clark, J.R.** 2005. Idaho table grapes: thoughts toward success. Idaho Table Grape Assn. Annual Meeting, Parma, Id., November. (invited).
- Clark, J.R.** 2005. Peach and nectarine breeding in the U.S. with focus on the University of Arkansas. Annual Peach Grower's Meeting, Malden, Mo., February. (Invited).
- Clark, J.R.** 2005. Production regions for Arkansas blackberries. Sunnyside Farm Growers' Conference, Amelia Island, Fla., January. (Invited).
- Clark, J.R.** 2005. University of Arkansas table grape cultivar selection and marketing. Idaho State Horticultural Society, Parma, Id., November. (Invited).
- Clark, J.R.** and C.E. Finn. 2006. New trends in blackberry breeding. Ninth *Rubus* and *Ribes* Symposium, Pucon, Chile, December. (Invited).
- Evans, M.R.** 2005. AGIA Annual Conference. "Disease suppressive growing media for greenhouses and nurseries". Hot Springs, AR. February 2 - 3, 2004. (Invited)
- Karcher, D.E.** 2005. Controlling algae and moss on the green surface. 2005. Tennessee Turfgrass Association Annual Conference and Trade Show. Nashville, TN. January. 2005. (Invited)
- Karcher, D.E.** 2005. Digital Image Analysis and Other Turfgrass Research at the University of Arkansas. Padova University Agronomy Seminar. Padova, Italy. November. 2005. (Invited)
- Karcher, D.E.** 2005. Localized Dry Spot Research. Verdicon Fall Meeting – Golf Program. Dundee, MI. November. 2005. (Invited)
- Karcher, D.E.** 2005. Managing organic matter and recovery time following the cultivation of sand-based greens. 2005. Tennessee Turfgrass Association Annual Conference and Trade Show. Nashville, TN. January. 2005. (Invited)
- Karcher, D.E.** 2005. Objective evaluation of turf using digital image analysis. Advanta Seeds Pacific DIA Workshop. Albany, OR. August. 2005. (Invited)
- Lindstrom, J.T.** 2005. Plant obsessions. Horticulture Industries Show. January 14th, Fort Smith, AR. (invited)
- Lindstrom, J.T.** 2005. You think I'm obsessed with plants, so what! Stephen F. Austin Mast Arboretum Les Reeves Lecture Series. June 16th, Nacogdoches, TX. (Invited)
- Richardson, M.D.** 2005. Weed control in seeded warm-season grasses. Mid-west Turf Expo, Indianapolis, IN (invited)
- Richardson, M.D.** 2005. Foliar feeding of turfgrasses. Mid-west Turf Expo, Indianapolis, IN (invited)

- Richardson, M.D.** 2005. Managing tall fescue in a transition-zone environment. Mid-west Turf Expo, Indianapolis, IN (invited)
- Richardson, M.D.** 2005. Integrating seeded bermudagrasses into high-use sports fields. Sports Turf Managers Association of America, Phoenix, AZ (invited)
- Richardson, M.D.** 2005. Utilizing inorganic amendments in a sand putting green. Mississippi Turf Conference, Tunica, MS (invited)
- Richardson, M.D.** 2005. Establishing zoysiagrass from seed or sprigs. Mississippi Turf Conference, Tunica, MS (invited)
- Richardson, M.D.** 2005. Basics of athletic field management. Arkansas Recreation and Park Association Annual Conference, Fayetteville, AR (invited)
- Richardson, M.D.** 2005. Lawn selection, establishment, and maintenance. 2005. Washington County Master Gardener Program, Fayetteville, AR (invited)
- Rom, C.R. and H. Friedrich.** 2005. Organic Fruit Production: Southern Viewpoints. Proceedings of the Third National Organic Tree Fruit Research Symposium, Chelan, WA. Page vi. (invited).
- Rom, C.R.** 2005. What will the future take for successful organic orchards? A panel discussion. Proceedings of the Third National Organic Tree Fruit Research Symposium, Chelan, WA. Page v. (invited).
- Rom, C.R. and D. Johnson.** 2005. It takes a horticulturist to implement IPM. <http://www.caf.wvu.edu/kearneysville/FruitSchool2005/Rom.pdf> (invited).

Human Environmental Sciences

- Foote, J.C.** (2005). Can I Take This? Decision Making for High-Risk Dietary Supplement Users. National Kidney Foundation Annual Meeting. Washington, DC.
- Foote, J.C.** (2005). A Look at Fad Diets. Ozark Institute of Food Technologists. Fayetteville, AR.
- Foote, J.C.** (2005). Nutrition Review for Medical Students. University of Arkansas for Medical Sciences. M.A.S.H. Program. Little Rock, AR.
- Takigiku, S.K.** (March, 2005). Methamphetamine Problems in Rural Areas. Arkansas Women in Agriculture Conference. Hot Springs, AR.
- Powell, F. Allen.** (October, 2005). Integrating Dietetics Into a Hospitality Management Curriculum. Northwest Arkansas Dietetics Association. Springdale, AR.

Plant Pathology

- Bentley, T. C., Irish, B. M., **Correll, J. C.**, and Morelock, T. E. 2005. The use of molecular markers for downy mildew resistance and the development of open pollinated spinach differentials for race characterization. National Spinach Conference. (November 16-17) Fayetteville, AR. Invited Presentation.
- Cartwright, R. D.** Rice and Soybean Diseases, Lonoke, 1/10/2005. Invited.
- Cartwright, R. D.** Management of rice diseases, Wynne, 1/11/2005. Invited.
- Cartwright, R. D.** Rice and soybean disease management, Hazen, 1/12/2005. Invited.
- Cartwright, R. D.** Soybean Rust, soybean disease, rice diseases, Weiner, 1/13/2005. Invited.
- Cartwright, R. D.** Diseases of Field Crops, McCrory, 1/21/2005. Invited.

Cartwright, R. D. Asian Soybean Rust, Arkansas River Valley Conference, Morrilton, 1/27/2005. Invited.

Cartwright, R. D. Rice Diseases, Corning, 1/28/2005. Invited.

Cartwright, R. D. Corn and Wheat Disease Update, ACMC Conference, LR, 2/1/2005. Invited.

Cartwright, R. D. Stem Canker of Soybean, ACMC Conference, LR, 2/2/2005. Invited.

Cartwright, R. D. Rice Disease and Soybean Rust, DeWitt, 2/4/2005. Invited.

Cartwright, R. D. Rice Diseases and Soybean Rust, Searcy, 2/10/2005. Invited.

Cartwright, R. D. Rice Diseases, Marianna, 2/11/2005. Invited.

Cartwright, R. D. Asian Soybean Rust, Whitmore Fertilizer Annual Mtg, DeWitt, 2/11/2005. Invited.

Cartwright, R. D. Rice Diseases, Jonesboro, 2/14/2005. Invited.

Cartwright, R. D. Rice Diseases, RREC, 2/15/2005. Invited.

Cartwright, R. D. Rice Update, Helena, 2/15/2005. Invited.

Cartwright, R. D. Rice Disease Update, Morrilton, 2/16/2005. Invited.

Cartwright, R. D. Rice Diseases, Pine Bluff, 2/18/2005. Invited.

Cartwright, R. D. Rice Disease and Soybean Rust, Keiser, 2/19/2005. Invited.

Cartwright, R. D. Field Crop Diseases, Paris, 3/2/2005. Invited.

Cartwright, R. D. Soybean Rust, Wilson Flying Service Annual Mtg, Knobel, 3/4/2005. Invited.

Cartwright, R. D. Rice and Soybean Diseases, Brinkley, 3/7/2005. Invited.

Cartwright, R. D. Asian Soybean Rust Presentation, State Faculty Conference, LRSO, 3/14/2005. Invited.

Cartwright, R. D. Asian Soybean Rust, Ouachita District Conference, Arkadelphia, 3/15/2005. Invited.

Cartwright, R. D. Asian Soybean Rust, Delta District Conference, Brinkley, 3/16/2005. Invited.

Cartwright, R. D. Asian Soybean Rust, Ozark District Conference, Morrilton, 3/17/2005. Invited.

Cartwright, R. D. Variety Testing Review Presentation, UA Division Administration, Cammack, 4/28/2005. Invited.

Cartwright, R. D. Field Crop Disease Update, Crawfordsville, 6/23/2005. Invited.

Cartwright, R. D. Field Crop Disease Update, Jonesboro Consultants Mtg, 6/23/2005. Invited.

Cartwright, R. D. Ecozone Report, ARRPB Summer Meeting, 6/28/2005. Invited.

Cartwright, R. D. Rice Disease Update, Mississippi Co. Field Day, RiceCAP 7/26/2005 (10 attendees). Invited.

Cartwright, R. D. Rice Disease Update, Craighead Co. Field Day, RiceCAP 7/29/2005 (100 attendees). Invited.

Cartwright, R. D. Rice Verification Tour, NE Arkansas, 8/2/2005 RiceCAP (50 attendees). Invited.

Cartwright, R. D. Rice Disease Update, Poinsett County and Regional Field Day, 8/3/2005 RiceCAP (200 attendees). Invited.

Cartwright, R. D. Rice Disease Research and Ecozone Report, ARRPB Field Tour, RREC 8/9/2005. Invited.

Cartwright, R. D. Rice Disease Research Update, RREC Field Day, 8/10/2005. Invited.

Cartwright, R. D. Rice Disease Update and RiceCAP, Randolph County Field Day, 8/15/2005

- (50 attendees). Invited.
- Cartwright, R. D.** Soybean Rust Update, PTES Field Day, 8/16/2005. Invited.
- Cartwright, R. D.** Field Crop Disease Update, Cache River Valley Field Day, 8/17/2005 (200 attendees). Invited.
- Cartwright, R. D.** Rice Disease Update, Farm Service Field Day, Hoxie, 8/19/2005 (RiceCAP – 100 attendees). Invited.
- Cartwright, R. D.** Rice Disease Update, White County Field Day, 8/26/2005. Invited.
- Correll, J. C.,** Koike, S. T, Bentley, T. C., and Morelock, T. E. 200. Update on downy mildew of spinach in the United States and Europe. National Spinach Conference. (November 16-17) Fayetteville, AR. Invited Presentation.
- Korth, K. L.** Biotechnology Seminar Series, University of Nebraska-Lincoln (March 2, 2005) Lincoln, NE. “Signals moving in both directions: Molecular studies of plant-insect interactions in the model legume *Medicago truncatula*”. Invited.
- Korth, K. L.** Rice Processing Program Industry Alliance Meeting, Fayetteville, AR. “Techniques of biotechnology for rice improvement”. May 25, 2005. Invited.
- Korth, K. L.** Arkansas Rice Research and Promotion Board, Stuttgart, AR. Introduction to Agricultural Biotechnology” as part of a ‘Genomics 101’ session for the Board. June 28, 2005. Invited.
- Korth, K. L.** Department of Horticulture, University of Arkansas. “Insect defenses in the model legume, *Medicago truncatula*”. Sept. 28, 2005. Invited.
- Korth K. L.** Was interviewed and quoted by Mr. Dennis O’Brien, a reporter from the *Baltimore Sun*, for an article on plant responses to insects. The article appeared nationally, including publication in the *Baltimore Sun*, the *Daytona Beach News-Journal*, and the *Sacramento Bee*. Invited.
- Mei, C., Zhou, X. and **Yang, Y.** 2005. Use of RNA interference to dissect defense signaling pathways in rice plants. In *Methods in Molecular Biology: Plant-Pathogen Interactions*, Ed. P. Ronald, Humana Press (invited article).
- Rothrock, C. S.,** and Winter, S. A. 2005. The value of fungicide seed treatments and seed treatment chemistries for cotton stand establishment: Twelve years of results from the cotton disease council’s national cottonseed treatment trials 2005 Beltwide Cotton Conferences, Jan 4-7, New Orleans, LA... (Invited, Cotton Production Conference).
- Rothrock, C. S.** and Kirkpatrick, T. L. Interaction between *Meloidogyne incognita* and *Thielaviopsis basicola* on cotton (*Gossypium hirsutum*). ASU Sciences Seminar Series. Dec. 7, 2005, Jonesboro, AR. (Invited).
- Rothrock, C. S.** Nematode fungal interactions. Syngenta Nematode Workshop, Feb.15-18, Edisto Research Station, Blackville, SC. (Invited).
- Rupe, J. C.** “What do we do about soybean rust disease?” Agricultural Outlook Conference and Expo, Blytheville, AR, 14 January 2005. Invited Presentation.
- Rupe, J. C.** “Current status of soybean rust and what we plan to do when it gets here”, Plant Pathology Short Course: Soybean and Rice Disease Control. Wynne, AR. 10 February 2005. Invited Presentation.
- Rupe, J. C.** “Asian soybean rust research needs,” Tri-County (Monroe, Prairie & Woodruff) Asian Soybean Rust Seminar/Workshop, Brinkley, AR 14 February 2005. Invited Presentation.
- Rupe, J. C.** “Impact of Tillage Systems on Soybean Diseases” Presented at the XIII Latin

American Plant Pathology Congress, Villa Carlos Paz, Argentina, 19-22 April 2005.
Invited Presentation.

Rupe, J. C. “Soybean Rust Situation in the USA,” and “Chemical Control of Soybean Rust in the USA.” Presented in Buenos Aires, Argentina, at the Pan American Soybean Rust II Workshop, 7-9 June 2005. Invited Presentations.

Tomlinson, A. N., **Correll, J. C.**, Feng, C., and Morelock, T. E. 2005. Initiation of BAC library construction and genetic mapping of the spinach genome. National Spinach Conference. (November 16-17) Fayetteville, AR. Invited Presentation.

Villarroel-Zeballos, M. I., Tomlinson, A. N., **Correll, J. C.**, and du Toit, L. J. 2005. Genetic characterization of *Verticillium* from spinach. National Spinach Conference. (November 16-17) Fayetteville, AR. Invited Presentation.

Yang, Y. Defense pathways and signal interactions involved in rice blast resistance. Plant and Animal Genome XIII, San Diego, Jan. 14-19, 2005. Invited Presentation.

Yang, Y. Defense pathways and signal interactions involved in rice biotic and abiotic stress tolerance. Shanghai Institute of Plant Physiology and Ecology, Shanghai, China, June 14, 2005. Invited Presentation.

Yang, Y. Genetic and molecular dissection of defense signaling network in rice. Colleges of Life Sciences and Agricultural Biotechnology, Zhejiang University, Hangzhou, China, June 17, 2005. Invited Presentation.

Yang, Y. Rice genomics and crop improvement. Crop and Nuclear Technology Institute, Zhejiang Academy of Agricultural Sciences, Hangzhou, China, June 20, 2005. Invited Presentation.

Yang, Y. Signal transduction of biotic and abiotic stress response in rice. China National Rice Research Institute, Hangzhou, China, June 20, 2005. Invited Presentation.

Yang, Y. Role of MAP kinases in mediating biotic and abiotic stress response in rice. Iwate Biotechnology Research Center, Kitakami, Iwate, Japan, Nov.16, 2005. Invited Presentation.

Yang, Y. Role of MAP kinases in rice biotic and abiotic stress tolerance. The 5th International Rice Genetics Symposium and the 3rd International Symposium on Rice Functional Genomics, Manila, Philippines, Nov. 18-23, 2005. Invited Presentation.

Yang, Y. Signal transduction and functional genomics of rice biotic and abiotic stress response. Joint Seminar Series, Arkansas Biosciences Institute and Arkansas State University, Jonesboro, Arkansas, Nov. 30, 2005. Invited Presentation.

Zhou, X., Bailey, T.A. and **Yang, Y.** 2005. Signal transduction and pathway interactions in rice disease resistance. In “Model Plants, Crop Improvement”, Eds. R.M.D. Koebner and R.K. Varshney, CRC Press (invited article).

Poultry Science

Bottje, W.G., M. Iqbal, N. R. Pumford, C. Ojano-Dirain, and K. Lassiter, 2005. Understanding Feed Efficiency at the Cellular Level. Proceedings of ANECA Conference, Puerto Vallarta, MX April 28-29, 2005.

Chapman, H.D. Coccidiosis: alternatives to drugs. Atlantic Poultry Health Conference, Nova

- Scotia, Canada. February 17, 2005.
- Chapman, H. D.** Rotacao racional de programas anticoccidianos. Seminario Avicultura, Sao Paulo, Brasil, July 26, 2005.
- Chapman, H. D.** Coccidiosis: protection by maternal immunization. Novartis Seminar, Larchwood, IA, December 7, 2005.
- Chapman, H. D.** Perspectives for the control of coccidiosis in poultry by chemotherapy and vaccination. IXth International Coccidiosis Conference, Foz do Iguassu, Brazil, September 19-23, 2005.
- Chapman, H.D.*** Coccidiosis: alternatives to drugs. Atlantic Poultry Health Conference, Nova Scotia, Canada. February 17, 2005.
- Chapman, H. D.** Rotacao racional de programas anticoccidianos. Seminario Avicultura, Sao Paulo, Brazil, July 26, 2005.
- Chapman, H. D.** Perspectives for the control of coccidiosis in poultry by chemotherapy and vaccination. IXth International Coccidiosis Conference, Foz do Iguassu, Brazil, Sept. 19-23, 2005.
- Cole, K., A. M. Donoghue, I. Reyes-Herrera, N. Rath and **D.J. Donoghue**, 2005. Effects of iron chelators on *Campylobacter* concentrations in turkey semen. Food Safety Consortium, Manhattan, Kansas. CD.
- Cole, K., M.B. Farnell, A.M. Donoghue, N.J. Stern, E.A. Svetoch, B.N. Eruslanov, Y.N. Kovalev, V.V. Perelygin, V.P. Levchuck, I. Reyes-Herrera and **D.J. Donoghue**, 2005. Bacteriocins reduce *Campylobacter* colonization and alter gut architecture in turkey poult. Campylobacter Helicobacter and Related Organisms International Workshop. Queensland, Australia. p. 101.
- Cole, K., M.B. Farnell, A.M. Donoghue, N.J. Stern, E.A. Svetoch, B.N. Eruslanov, Y.N. Kovalev, V.V. Perelygin, V.P. Levchuck, I. Reyes-Herrera and **D.J. Donoghue**, 2005. Bacteriocins reduce duodenal crypt depth and reduce *Campylobacter* colonization in turkey poult. Avian Gut Function, Health and Disease, Bristol, UK. p. 41.
- Cole, K., P.J. Blore, A.M. Donoghue and **D.J. Donoghue**, 2005. Detection of *Campylobacter* in the reproductive tract and semen of commercial turkeys. Campylobacter Helicobacter and Related Organisms International Workshop. Queensland, Australia. p. 103.
- Donoghue, A.M., M.B. Farnell, K. Cole and **D.J. Donoghue**, 2005. Mechanisms of pathogens control in the avian gastrointestinal tract. World Poultry Science. Avian Gut Function, Health and Disease, Bristol, UK. p. 9.
- Donoghue, D.J.**, K. Cole, I Reyes-Herrera and P.J. Blore, 2005. Kinetics of *Campylobacter* resistance within the broiler gastrointestinal tract. Campylobacter Helicobacter and Related Organisms International Workshop. Queensland, Australia. p. 5.
- Jones, F. T.** 2005. "Addressing Terrorism" Presentation to the Anti Terrorism Workshop, Fayetteville 10/26/04, 3/8/05.
- Jones, F. T.** 2005. "An overview of the U. S. Poultry Industry" A presentation to European Poultry Producers, Atlanta, GA 1/27/05.
- Jones, F. T.** 2005. "A short history of the NPIP" Presentation to Blood Tester School, 4/28/05, 4/29/05 Fayetteville.
- Jones, F. T.** 2005. "An overview of the poultry industry" Presentation to visiting Southwest Technical College group 8/17/05, Fayetteville.
- Jones, F. T.** 2005. "An economic perspective of the broiler industry" Presentation to Farm

Credit Board of Directors 8/24/05 Russellville.

- Jones, F. T.** 2005. "An economic perspective of the broiler industry" Presentation to Farm Credit Board of Directors 8/24/05 Russellville.
- Shirley, M.W. and **Chapman, H. D.** * Eight decades of research on Eimeria in poultry. IXth International Coccidiosis Conference, Foz do Iguassu, Brazil, September 19-23, 2005.
- Waldroup, P. W.**, 2005. Challenges in broiler nutrition in the 21st century. 12th International symposium in animal nutrition, Kaposvar, Hungary. Invited presentation.
- Waldroup, P. W.**, 2005. Striving for a feed conversion of 1.0. Alltech International Symposium, Dublin, Ireland. Invited presentation.
- Wideman, R. F.** Improving the pulmonary vascular capacity reduces the susceptibility of broilers to ascites and heat stress. XXX Convencion Annual de ANECA, 27 April, Puerto Vallarta, Jalisco, Mexico (Invited presentation), 2005.
- Wideman, R. F.** Intravenous Microparticle Injections as a Tool to Select for Improved Pulmonary vascular capacity in Broilers. 7 January (Invited Presentation), 2005.
- Wideman, R. F.** Avian Influenza. Tyson Corporate Laboratory Seminar/Update, 14 November, Springdale, AR (Invited Presentation), 2005.
- Wideman, R. F.** N-Nitro-L-Arginine methyl Ester (L-NAME) amplifies the pulmonary hypertensive response to micro-particle injections in broilers. Presentation at PSA annual meeting, Auburn AL, 2005.

Other Lectures, Abstracts, Posters, Papers, and Oral Presentations

Agricultural Economics and Agribusiness

- Bryant, Kelly, Rob Hogan**, and Scott Stiles. "Economic Analysis of the Arkansas Wheat Verification Fields in 2004—2005." *Delta Farm Press*, October, 2005.
- Bryant, Kelly**, James Marshall, **Rob Hogan**, and Scott Stiles. "Tomato Market Situation and Outlook." *Delta Farm Press*, June, 2005.
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- Jia, L., Hebert, S., and **F.L. Goggin**. 2005. Influence of the octadecanoid signaling pathway on plant aphid interactions. Society of Experimental Biology Annual Meeting, Barcelona. (poster).
- Jia, L., G. Shah, V.M. Williamson, D.E. Ullman and **F.L. Goggin**. 2005. Function of Mi-1.2, and aphid and nematode resistance gene from tomato, in a heterologous system. Genomics and Beyond: Frontiers in Plant Biology Symposium, Columbia, MO. (poster).
- Johnson, D.T.** 2005. Developing a lure for the green June beetle. Southern Professional Fruit Workers Workshop, Decatur, AL.
- Johnson, D.** and B. Lewis. Developing a lure for the green June beetle. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Kelley, M. B. and **F. M. Stephen**. 2005. *Armillaria* species predispose oaks to mortality from red oak borer in the Ozarks Mountains. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Kelley, B. and **F. Stephen**. 2005. Red oak borer and *Armillaria* contribute to oak mortality in the Ozarks Southern Forest Insect Work Conference, Austin, TX.
- Lewis, B. and **D. Johnson**. 2005. Alternative pest management practices for fruit. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL. (poster).
- Lewter, J. A., **A. L. Szalanski**, and R.G. Luttrell. 2005. Molecular diagnostics of fall armyworm using PCR-RFLP. Entomological Society of America, Southeastern Branch Annual Meeting. Tunica, MS.
- Lewter, J.A., **A.L. Szalanski**, R.H. Scheffrahn and M.T. Messenger. 2005. Molecular diagnostics of the fall armyworm using PCR-RFLP. Entomological Society of America,

- Southeastern Branch Annual Meeting. Tunica, MS.
- Luttrell, R. G.** 2005. Variability in response of *Helicoverpa zea* to Cry1Ac: Overview of four years of population monitoring in Arkansas. Entomological Society of America Annual Meeting, Ft. Lauderdale, FL.
- Luttrell, R.G.,** M.I. Ali, J.F. Smith, and K.C. Allen. 2005. Activity of VipCot™ Against *Helicoverpa zea* and *Heliothis virescens* in Arkansas. Cotton Insect Research and Control Conference, New Orleans, LA.
- McKern, J., **D. Johnson** and B. Lewis. 2005. Biology and control of raspberry crown borer. Southern Professional Fruit Workers Workshop, Decatur, AL.
- McLeod, P. J.** 2005. Development and use of IPM in developing countries throughout the world. Universidad Autonoma Gabriel Rene Moreno, Santa Cruz, Bolivia.
- McLeod, P.J.** 2005. Effects of RoundUp based weed management systems on release of insect pests in legume crops. ANAPO – Association of Producers of Oil Crops and Wheat, Santa Cruz, Bolivia.
- McLeod, P.J.** 2006. Improving insect management for Bolivian vegetable production in Sucre (Chuqui Chuqui), Villegande (including Omereque) and Cochabamba (San Benito), Bolivia. (4 different meetings).
- McLeod, P.J.** 2005. The Farmer-to-Farmer Program and Its Impact on Bolivian Agriculture. Technical University of Beni, Trinidad, Bolivia.
- McLeod, P.J.** 2005. The Farmer-to-Farmer Program: Changing agriculture throughout the world. Presentation made to the French Agricultural Research Center for International Development. Montpellier, France.
- McLeod, P.J.** 2005. Use and misuse of pesticides in agriculture. Farmer to Farmer Program of Winrock International, Santa Cruz, Bolivia.
- McLeod, P.J.** 2005. Use of neonicotinoid insecticide seed treatments for insect management on vegetables. Presentation made to the Netherlands Management Cooperation Programme. Delft, The Netherlands.
- McLeod, P.J.** 2005. Vegetable Insect IPM in Bolivia. Universidad Autonoma Gabriel Rene Moreno. Santa Cruz, Bolivia.
- Meisch, M. V.,** D.A. Dame and C.N. Lewis. 2005. Comparison of dilute and neat formulations of Anvil® applied by ULV ground against *Anopheles quadrimaculatus* in Arkansas. Texas Mosquito Control Association, Laredo, TX.
- Meisch, M. V.,** D.A. Dame and C.N. Lewis. 2005. Comparison of dilute and neat formulations of Anvil® applied by ULV ground against *Anopheles quadrimaculatus* in Arkansas. 2005 Mid-Atlantic Mosquito Control Association.
- Meisch, M. V.,** D.A. Dame and C.N. Lewis. 2005. Comparison of dilute and neat formulations of Anvil® applied by ULV ground against *Anopheles quadrimaculatus* in Arkansas. Florida Mosquito Control Association. Sarasota Bay, FL.
- Meisch, M.V.,** D.A. Dame and C.N. Lewis. 2005. Comparison of neat vs. dilute formulations of sumethrin applied by cold aerosol generation against adult *Anopheles quadrimaculatus*. Texas Mosquito Control Association, Laredo, TX.
- Owens, C.B., and **A.L. Szalanski.** 2005. Population genetics of *Aedes vexans* mosquito from New Orleans. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Owens, C.B., **A.L. Szalanski,** T. McKay and C.D. Steelman. 2005. Molecular surveillance of *Campylobacter* spp. and *E. coli* O157:H7 carried by filth flies associated with poultry

- facilities. Annual Meeting of the Southeastern Branch, Entomological Society of America, Tunica, MS.
- Riggins, J. J. and **F.M. Stephen**. 2005. A splitting headache: red oak borer (Coleoptera: Cerambycidae) population estimation in the Ozark National Forest, Arkansas, U.S.A. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL. (poster).
- Rom, C., J. McAfee and **D. Johnson**. 2005. Apple cultivar development in Arkansas. Annual meeting of American Society for Horticultural Science, Las Vegas, NV.
- Rom, C., H. Friedrich, **D. Johnson**, J. Popp, B. Bellows, M. Savin and D. Miller. 2005. The southern organic fruit initiative: a new multistate, multi-disciplinary cooperative project to stimulate research, outreach and production in the southern region. Annual meeting of American Society for Horticultural Science, Las Vegas, NV.
- Singh, N., **D. Johnson**, J. Bernhardt and R. Bryant. 2005. Attractiveness of rice stink bug and the egg parasitoid, *Telenomus podisi* to host grass volatiles. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL. (poster).
- Smith, J.F., J. Greene and **R.G. Luttrell**. 2005. Early season soybean as a trap crop for stink bugs in Arkansas. Arkansas Crop Protection Association, Research Conference, Fayetteville, AR.
- Smith, J.F., J. Greene and **R.G. Luttrell**. 2005. Early season soybean as a trap crop for stink bugs in Arkansas. Student competition, Entomological Society of America Annual Meeting. Ft. Lauderdale, FL. (poster)
- Smith, J. F., J. K. Greene and **R.G. Luttrell**. 2005. Managing stink bug populations in cotton-soybean production systems in Arkansas. Cotton Insect Research and Control Conference, New Orleans, LA.
- Smith, J., **R.G. Luttrell** and J. Greene. 2005. Using early season soybean as a trap crop for stink bugs in Arkansas. Entomological Society of America, Southeastern Branch Annual Meeting. Tunica, MS. (poster).
- Steinkraus, D.** 2005. Biological control of Japanese beetle larvae in Arkansas. Arkansas Crop Protection Association Research Conference. Fayetteville, AR.
- Szalanski, A.L.**, J.W. Austin, and M.T. Messenger. 2005. *Reticulitermes okanaganensis*, a new species of termite from western United States and Canada. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Szalanski, A.L.**, C.B. Owens and J.A. Lewter. 2005. Population genetics of *Aedes vexans*, a vector of West Nile virus. Entomological Society of America, Southeastern Branch Annual Meeting. Tunica, MS.
- Tripodi, A., J. McKern, **A.L. Szalanski**, and J.W. Austin. 2005. Phylogeography of *Reticulitermes termites* from California. Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Ware, V., **F.L. Goggin**, Hebert S., and F.M. Stephen. 2005. Molecular detection of ant predation on red oak borer eggs and larvae. Student competition, Entomological Society of America Annual Meeting. Ft. Lauderdale, FL.
- Ware, V., **F. Goggin**, S. Hebert and F. Stephen. 2005. Use of molecular techniques to detect red oak borer remains in ants. Southern Forest Insect Work Conference, Austin, TX.

Food Science

- Adams, B.T.**, T. Sivarooban, N.S. Hettiarachchy, and M.G. Johnson. 2005. Inhibitory activity against *Listeria monocytogenes* by soy-protein edible film containing grape seed extract, nisin, and malic acid. 2005. Discovery (Undergraduate Research Journal at the Dale Bumpers College of Agricultural, Food and Life Sciences, Division of Agriculture, University of Arkansas). 6:3-9.
- Alpers, T.K.**, J.-F. Meullenet, and R. Xiong. 2005. A novel density plot method for determining the optimal sensory profile of vanilla ice cream from an internal preference map. IFT Annual Meeting Book of Abstract, New Orleans, LA.
- Bautista, R.C.** and T.J. Siebenmorgen. 2005. Variability in rice properties. Poster Presentation at the Rice Research and Extension Center Field Day. Stuttgart, AR. August 9.
- Bautista, R.C.**, T.J. Siebenmorgen, and R.M. Burgos. 2005. Water absorption effects on milling quality of thickness fractionated rough rice. ASABE Paper No. 056200. Tampa, FL. July 17-20.
- Bautista, R.C.**, T.J. Siebenmorgen, A. Mauromoustakos, and R. Burgos. 2005. Evaluation of a Genogrinder 2000 for milling small brown rice samples. Poster of the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Bautista, R.C.**, T.J. Siebenmorgen, and R. Burgos. 2005. Water absorption effects on milling quality of thickness fractionated rough rice. Presentation at the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Brownmiller, C.R.** and L.R. Howard. 2005. Polyphenolic composition and antioxidant capacity of canned blueberries. Abstract 36E-12. Institute of Food Technologists Annual Meeting. New Orleans, LA. July.
- Cho, M.J.** and L.R. Howard. 2005. Flavonoid content and antioxidant capacities of selected spinach genotypes determined by high-performance liquid chromatography/mass spectrometry. Abstract 54G-25. Institute of Food Technologists Annual Meeting. New Orleans, LA. July.
- Chung, W.K.**, A. Han, J.-F. Meullenet and D. Schluterman. 2005. Effect of infra-red treatment on rice functionality. Presentation to AACC 2005, Orlando, FL.
- Chung, W.K.**, J.-F. Meullenet, and A. Han. 2005. Alpha-amylase activity assessment by a Rapid Visco-Analyzer. IFT Annual Meeting Book of Abstract, New Orleans, LA.
- Davis, A., **N.S. Hettiarachchy**, T. Sivarooban, and M.G. Johnson. 2005. Pretreated heat-stabilized defatted rice bran (HDRB) as growth medium for yeast fermentation. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.
- Eswaranandam, S.**, N. Hettiarachchy, M.G. Johnson. Development of lactoferrin and malic/lactic acid incorporated antimicrobial soy and whey protein film coatings for inhibiting *Salmonella Typhimurium*, *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Campylobacter jejuni* in raw and Ready-To-Eat chicken and turkey: Activation of lactoferrin by citric/lactic/malic acid alone and in combination with EDTA and the effect of activated lactoferrin on the antimicrobial activity against *Listeria monocytogenes* and *Escherichia coli* O157:H7. The Food Safety Consortium. Manhattan, Kansas. Oct. 2-4.
- Eswaranandam, S.**, N.S. Hettiarachchy, and M.G. Johnson. 2005. Effect of UV irradiation on tensile strength and anti-*Listeria*, anti-*Salmonella* and anti-*E. coli* O157:H7 activities malic/lactic acid incorporated soy protein films. IFT Annual Meeting and Food Expo, New Orleans, Louisiana, July 15-20.

- Finney, M.** and J-F. Meullenet. 2005. Biting velocities, perceived hardness and instrumental imitative measures of gelatin gels texture. 6th Pangborn Sensory Science Symposium, Harrogate, UK.
- Gandhapuneni, R.K.** and J-F. Meullenet. 2005. BITE Master II: A tool to study the perception of cheese firmness. 6th Pangborn Sensory Science Symposium, Harrogate, UK.
- Hager, T.,** L.R. Howard, and J.R. Clark. 2005. Polyphenolic composition and antioxidant capacity of blackberries as affected by maturity stage. Abstract 18E-2. Institute of Food Technologists Annual Meeting, New Orleans, LA. July.

Hettiarachchy, N., T. Sivarooban, B. Adams, M.G. Johnson. Selected herbal and plant extracts and nisin incorporated edible films to inhibit growth of *Listeria monocytogenes* (V7 serotype 1/2a, 1/2c separately), *E. coli* O157:H7 and *Salmonella Typhimurium* (DT 104) on raw and cooked Ready-To-Eat poultry meat: Inhibitory activities of grape seed extract, nisin and EDTA incorporated soy protein edible films against *Listeria monocytogenes*, *E. coli* O157:H7 and *Salmonella Typhimurium*. The Food Safety Consortium. Manhattan, Kansas. Oct. 2-4.

Hettiarachchy, N.S. I. Phenolics, antioxidant, antimutagenic, and antimicrobial activities of bitter melon (*Momordia charantia* Linn.) extracts from various solvents; II. Effectiveness of various solvents in the extraction of phenolic acids from cowpea. Department of Agriculture, School of Agriculture, Fisheries and Human Sciences, University of Arkansas at Pine Bluff. July 28.

Hettiarachchy, Navam S., R. Horax, and P. Chen. 2005. Nutraceutical and functional properties (including protein) of bitter melon and cow pea. Pine Bluff, Arkansas, August 3.

Hettiarachchy, Navam S., S. Eswarandandam, T. Sivarooban, B. Adams, M. Johnson. 2005. Effectiveness of plant extracts and lactoferrin in inhibiting major food-borne pathogens; Irradiation and poultry meat quality. Manhattan, Kansas, October 3-4.

Hettiarachchy, Navam. 2005. Research and commercialization. Washington Carver and Summer Scholars. University of Arkansas, Fayetteville.

Hettiarachchy, N.S. 2005. Soybean by-product film and adhesive applications. For: Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. Dept. of Food Science, University of Arkansas, Fayetteville, Arkansas, March 29.

Hettiarachchy, N.S. 2005. Value-added applications of films. For: Exon Science Inc. Guei Shan County, Taoyuan, Taiwan, R.O.C. Dept. of Food Science, University of Arkansas, Fayetteville, Arkansas. April 13.

Hettiarachchy, N.S. 2005. Rice endosperm proteins modification and functional properties. DSM, Switzerland, August 15-17.

Horax, R., N.S. Hettiarachchy, M. Jalaluddin, and R.S. Walnofer. 2005. Phenolic composition, antioxidant, and antimutagenic activities of bitter melon (*Momordia charantia* Linn.) extracts from various solvents. IFT Annual Meeting and Food Expo, New Orleans,

Louisiana. July 15-20.

- Howard, L.R.** 2005. Antioxidant capacity and polyphenolic content of blueberries and blackberries as affected by genotype, maturation and growing season. Proceedings of the International Berry Health Benefits Symposium, Abstract. Corvallis, OR. June.
- Howard, L.R.** 2005. Phytochemicals in *Capsicum annuum* L. fruit. 2005 Proceedings of the International Symposium on Functionalities of Hot Red Peppers and Hot Sauces, Abstract, Seoul, Korea. July.
- Howard, L.R.** and Z.Y. Ju. 2005. Pressurized water extraction of procyanidins from grape seeds. Abstract 0067. American Chemical Society National Meeting, Washington, DC. August.
- Huff, G., W.E. Huff, N.C. Rath, **M.G. Johnson**, and R. Nannapaneni. 2005. Chronic sequelae of *L. monocytogenes* respiratory infection of turkey poult and implication of biofilm involvement. ASM General Meeting, Atlanta, GA. Abstr. No. P 097, p. 457. June 5-9.
- Jain, V.** and A. Proctor. 2005. Conjugated linoleic acid synthesis from soy oil by photoisomerization. IFT Annual Meeting, New Orleans, LA. July 19th.
- Kuakpeeton, D.,** Y-J. Wang. 2005. Locations of hypochlorite-oxidation within corn starch granules with different amylose contents, AACC annual meeting, Orlando, FL. (poster).
- Lam, H.S.,** A. Proctor and L.R. Howard. 2005. Rapid antioxidant capacity determination of fruit extracts by fourier transform infrared spectroscopy. AOCS Annual Meeting, Abstract. Salt Lake City, UT. May.
- Lam, H.S.,** A. Proctor, J. Nyalala, M.D. Morris, and G.W. Smith. 2005. Fourier transform infrared spectroscopy evaluation of low density lipoproteins oxidation in the presence of quercetin, catechin, and alpha-tocopherol. IFT Annual Meeting. New Orleans, LA. July 18th.
- Lam, H.S.,** A. Proctor, J. Nyalala, M.D. Morris, and G.W. Smith. 2005. Fourier transform infrared spectroscopy evaluation of low density lipoproteins oxidation in the presence of Quercetin, Catechin, and alpha-Tocopherol. Arkansas Biosciences Institute Fall Research Symposium. October 28th.
- Lungu, B.,** and M.G. Johnson. 2005. Control of *L. monocytogenes* on raw or cooked ground white or dark turkey meat using nisin, sodium diacetate and sodium lactate. ASM General Meeting, Atlanta, GA. Abstr. No. P. 029, p. 443. June 5-9.
- Main, G.L.** and J.R. Morris. 2005. Influence of macerating enzymes and grape seed tannin on color extraction and retention in Cynthiana wine. Am. J. Enol. Vitic. 56(4):419A. Abstract.
- Main, G.L.** and J.R. Morris. 2005. Influence of macerating enzymes and grape seed tannin on color extraction and retention in Cynthiana wine. Presented at the American Society of Enology and Viticulture Eastern Section, 30th Annual Meeting, St. Louis, MO, July.
- Mehaffey, J.M., A. Saha, **J.F. Meullenet**, and C.M. Owens. 2005. Bone strength of clavicles from four commercial high yielding broiler strains. Poultry Sci. 84:19 (Suppl.1) (Abstr.)
- Meullenet J-F.,** R. Xiong, and T. Alpers. 2005. A mapping method for determining optimum sensory profiles. 6th Pangborn Sensory Science Symposium, Harrogate, UK.
- Meullenet, J-F.,** R. Xiong, A. Saha and C.M. Owens. 2005. Novel shape profiling method for classifying tender and tough broiler breast meat. IFT Annual Meeting Book of Abstract, New Orleans, LA.
- Meullenet, J-F.** 2005. Mechanical and bio-mechanical considerations for relating sensory and

- instrumental measures of cheese texture. IFT Annual Meeting, Book of Abstract, New Orleans, LA.
- Monsoor, M.,** A. Proctor, R. Liyange and J. Lay. 2005. Effect of frying oil quality and frying time on the acrylamide content of fried foods. IFT Annual Meeting. New Orleans, LA. July 18th.
- Monsoor, M.A.,** and A. Proctor. 2005. Aqueous extraction of rice bran emulsified oil and the oxidative stability of rice bran. Annual Meeting of the American Oil Chemists Society. Salt Lake City, Utah. May 4th.
- Morris, J.R.** and G.L. Main. 2005. Evaluation of mechanical pruning on Cynthiana grape and wine composition. Presented at the Amer. Soc. Enol. Vitic., 56th Annu. Mtg, Seattle, WA, June.
- Morris, J.R.** 2005. University of Arkansas Division of Agriculture, IFSE. SERA014 Viticulture and Enology Research Reports. pp. 2-14.
- Morris, J.R.** and G.L. Main. 2005. Evaluation of mechanical pruning on Cynthiana grape and wine composition. Am. J. Enol. Vitic. 56(3):304A. Abstract.
- Morris, J.R.,** G.L. Main, and R.K. Striegler. 2005. Rootstock effects on sunbelt productivity and fruit composition. In Grapevine Rootstocks: Current Use, Research, and Application. Proceedings of the 2005 Rootstock Symposium. Peter Cousings and Keith Striegler (eds.). pp. 77-83.
- Morris, J.R.** G.L. Main, and R. K. Striegler. 2005. Rootstock effects on Sunbelt productivity and fruit composition. Presented at the Rootstock Symposium. Osage Beach, MO. February.
- Nannapaneni, R.,** K.C. Wiggins, R. Story, A.F. Mendonca, and M.G. Johnson. 2005. *Listeria monocytogenes* Scott A cells starved in physiological saline for one year remain highly virulent. ASM General Meeting, Atlanta, GA. Abstr. No. P. 096, p. 456-457. June 5-9.
- Nannapaneni, R.,** R. Story, K.C. Wiggins, and M.G. Johnson. 2005. Development of new monoclonal antibody probes for *Campylobacter jejuni*. IFT Meeting. New Orleans, LA. Abstr. No. 18D-10. July 16-20.
- Nannapaneni, R.,** R. Story, K.C. Wiggins, and M.G. Johnson. 2005. Highly Virulent *Campylobacter jejuni* in Retail Raw Chicken Carcass Rinses. IAFP Meeting. Baltimore, MD. Abstr. No. P5-35. August 14-17.
- Nannapaneni, R.,** R. Story, K.C. Wiggins, and M.G. Johnson. 2005. Development of a new monoclonal antibody probe specific for *Campylobacter jejuni*. ASM General Meeting, Atlanta, GA. Abstr. No. P. 069, p. 451. June 5-9.
- Nannapaneni, R.,** R. Story, K.C. Wiggins, J. Saldivar, and M.G. Johnson. 2005. Total campylobacter and total ciprofloxacin-resistant *Campylobacter* loads in rinses from retail raw chicken carcasses from 2001 to 2004. ASM General Meeting, Atlanta, GA. Abstr. No. P. 068, p. 451. June 5-9.
- Patindol, J.,** Y-J. Wang, N. Phoumivong. 2005. Composition and properties of the different fractions obtained in the preparation of rice starch by alkaline steeping, AACC annual meeting, Orlando, FL. (poster).
- Piland, D.,** L.R. Howard and J.R. Clark. 2005. Effect of harvest data on total anthocyanins, total phenolics, antioxidant capacity and berry weight in blueberry genotypes. Abstract 36E-70. IFT Annual Meeting, New Orleans, LA. July.

- Proctor, A.,** T.J. Siebenmorgen and R.L. Eason. 2005. Harvest conditions and kernel damage effects on milled rice free fatty acid quality. Rice Research and Promotion Board Report. Spring/Summer/Fall reports.
- Rababah, T.,** N. Hettiarachchy, S. Eswaranandam, J.F. Meullenet. 2005. Maintenance of raw and cooked Ready-To-Eat product quality of infused poultry meats with selected plant extracts during electron beam irradiation and after storage: Sensory evaluation of irradiated and non-irradiated poultry breast meat infused with plant extracts. The Food Safety Consortium. Manhattan, Kansas. Oct. 2-4.
- Saleh, M.I.,** J-F. Meullenet, T.J. Siebenmorgen, and L. Wang. 2005. Effect of moisture content at harvest of various kernel thickness fractions on rice instrumental texture properties. IFT Annual Meeting Book of Abstract, New Orleans, LA.
- Schluterman, D.A.,** T.J. Siebenmorgen, and D.M. Bowman. 2005. Relating rough rice moisture content removal and tempering duration to head rice yield reduction. ASABE Paper No. 056003. Tampa, FL. July 17-20.
- Schluterman, D.** and T.J. Siebenmorgen. 2005. Incorporating glass transition concepts to explain rice milling quality reductions during the drying process. CAFLS Undergraduate Journal. Discovery, Vol. 6:29-37.
- Siebenmorgen, T.J.** 2005. Recent advances in rice drying technology. Invited presentation at the Rice Division Symposium at the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Siebenmorgen, T.J.** 2005. Recent advances in rice processing. Presentation to the Annual Arkansas Section of Agricultural and Biological Engineers. Little Rock, AR. October 7.
- Sivaroooban, T.,** N.S. Hettiarachchy, B. Adams, and M.G. Johnson. 2005. Anti-*Listerial* activities of soy protein edible film coating containing grape seed extract (GSE), Nisin and EDTA and their combinations on full fat turkey frankfurters stored at 4°C and 10°C. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.
- Sivaroooban, T.,** N.S. Hettiarachchy, S. Elser, and M.G. Johnson. 2005. Inhibitory effect of green tea extract (GTE) against *L. monocytogenes* on the surface of cooked Ready-To-Eat chicken breast meat stored at 4°C. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.
- Striegler, R.K., **J.R. Morris,** G.L. Main, and C.B. Lake. 2005. Effect of rootstock on fruit composition, yield, growth, and vine nutritional status of Cabernet franc. Rootstock effects on Sunbelt productivity and fruit composition. Presented at the Rootstock Symposium. Osage Beach, MO. February.
- Threlfall, R.T.** and J.R. Morris. 2005. Yeast rehydration aid and nutrients to enhance initiation and completion of wine fermentation. Am. J. Enol. Vitic. 56(4):420A. Abstract.
- Threlfall, R.T.,** G.L. Main and J.R. Morris. 2005. Laboratory handling of red grapes to estimate wine composition. Am. J. Enol. Vitic. 56(3):309A. Abstract.
- Tran, K.H.,** N.S. Hettiarachchy, and S. Eswaranandam. 2005. Effect of malic acid incorporated carboxymethyl cellulose and soy protein isolate film coatings on the color of alfalfa and mung bean sprouts on storage at 4°C. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.
- Tran, K.H.,** N.S. Hettiarachchy, and S. Eswaranandam. 2005. Textural properties of malic acid incorporated carboxymethyl cellulose and soy protein isolate coatings on alfalfa and mung bean sprouts on storage at 4°C. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.

- Truitt, E.E.**, T.J. Siebenmorgen, and D. Schluterman. 2005. High temperature rough rice drying characteristics. Poster of the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Walnofer, R.S.**, N.S. Hettiarachchy, and R. Horax. 2005. Effects of heating on hydrophobicity, viscosity, and gelling properties of soy products. *Discovery (Undergraduate Research Journal at the Dale Bumpers College of Agricultural, Food and Life Sciences, Division of Agriculture, University of Arkansas)*. 6:38-44.
- Wang, Y-J.**, M-I. Kuo, N.A. Landerito. 2005. Effects of protein matrix on starch gelatinization in corn and rice grits, AACC annual meeting, Orlando, FL. (poster).
- Wang Y-J.** 2005. Physical and chemical properties of medium and long grain rices and their relevance to end-users. AACC Annual Meeting, Orlando, FL. (Oral presentation).
- Wang, L.**, J. Patindol, Y-J. Wang. 2005. Increasing oligosaccharides content in rice bran by physical and enzymatic treatments, AACC annual meeting, Orlando, FL. (poster).
- Wang, Y-J.**, M-I. Kuo, L. Wang, J. Patindol. 2005. Structure responsible for swelling and granule integrity of rice starch as revealed by surface chemical gelatinization. AACC annual meeting, Orlando, FL. (poster).
- Watson, N.**, T.J. Siebenmorgen, and P.A. Counce. 2005. Effects of nighttime temperature during grain filling on rice processing quality. Poster of the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Watson, N.** and T.J. Siebenmorgen. 2005. Historical analysis of the effects of nighttime air temperatures on rice quality. Poster Presentation at the Rice Research and Extension Center Field Day, August 9. Stuttgart, AR.
- Webber, D.**, N. Hettiarachchy, R. Horax, R. McNew, M. Jalaluddin, P. Chen. Extraction, optimization, characterization, and antioxidant capacity of phenolics from cowpea (*Vigna unguiculata*). The Sixth International Conference and Exhibition on Nutraceuticals and Functional Foods. Anaheim, San Francisco, CA. October 16–19.
- Webber, D.M.**, N.S. Hettiarachchy, R. Horax. 2005. The effectiveness of various solvents in the extraction of phenolic acids from cowpea. IFT Annual Meeting and Food Expo, New Orleans, Louisiana. July 15-20.
- Wood, D., G. Cagampang, **A.L. Matsler**, and T.J. Siebenmorgen. 2005. A method for determining lipid distribution in rice grain using fluorescence microscopy. Presentation at the AACC Annual Meeting, Orlando, FL. Sept. 11-14.
- Xiong, R.**, J-F. Meullenet and C. M. Owens. 2005. Classification of tender and tough broiler breast meat by a non-destructive deformation test. IFT Annual Meeting Book of Abstract, New Orleans, LA.
- Xiong, R.**, J-F. Meullenet, L.C. Cavitt and C. M. Owens. 2005. Effect of razor blade penetration depth on correlation of razor blade shear values and sensory texture of broiler major pectoralis muscles. IFT Annual Meeting Book of Abstract. New Orleans, LA.
- Yucel, S., S. Turkay and **A. Proctor**. 2005. Triacylglycerol and oleic acid adsorption on magnesium silicate produced from rice hull ash. IFT Annual Meeting. New Orleans, LA. IFT Annual Meeting. New Orleans, LA. July 18th.

Horticulture

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- Coon, C.** The present and future utilization of biotechnology in the feed industry. American Soybean Association Training Seminars. Antalya, Turkey. June 30, 2005.
- Coon, C.** The retainable phosphorus evaluation of feedstuffs and retainable phosphorus requirements of broilers. American Soybean Association Training Seminars. Antalya, Turkey. July 1, 2005.
- Coon, C.** The digestible amino acid requirements for broilers. American Soybean Association Training Seminars. Antalya, Turkey. July 2, 2005.
- Coon, C.** The digestible amino acid requirements for layers and broiler breeders. American Soybean Association Training Seminars. Antalya, Turkey. July 2, 2005.

- Coon, C.** The calcium requirements of commercial layers. American Soybean Association Training Seminars. Antalya, Turkey. July 3, 2005.
- Coon, C.** The energy requirement of commercial layers as affected by environmental temperatures and ME concentration. American Soybean Association Training Seminars. Antalya, Turkey. July 3, 2005.
- Coon, C.** The energy requirement of commercial layers as affected by environmental temperatures and ME concentration. American Soybean Association Training Seminars. Cairo, Egypt. July 6, 2005.
- Coon, C.** The retainable phosphorus evaluation of feedstuffs and retainable phosphorus requirements of broilers. American Soybean Association Training Seminars. Cairo, Egypt. July 6, 2005.
- Coon, C.** The digestible amino acid requirements for broilers. American Soybean Association Training Seminars. Cairo, Egypt. July 6, 2005.
- Coon, C.** The digestible amino acid requirements of layers. U.S. Grain Council, St. Petersburg, Russia, October 3, 2005.
- Coon, C.** The effect of environmental temperature on metabolizable energy requirement U.S. Grain Council, St. Petersburg, Russia, October 3, 2005.
- Coon, C.** The effect of feather cover and environmental temperature on performance. U.S. Grain Council, St. Petersburg, Russia, October 3, 2005.
- Coon, C.** The calcium and phosphorus requirements for layers. U.S. Grain Council, St. Petersburg, Russia, October 3, 2005.
- Coon, C.** Broiler nutrition. U.S. Grain Council, Moscow, Russia, October 5, 2005.
- Coon, C.** Broiler breeder management and nutrition. U.S. Grain Council, Moscow, Russia, October 5, 2005.
- Coon, C.** The ideal digestible amino acid profile and requirement for commercial layers. Puerto Vallarta, MEX. October 29, 2005.
- Donoghue, D.J.,** G. Tellez, B.M. Hargis and A.M. Donoghue, 2005. Solutions to food safety and security for Mexico and the United States: Development of non-antibiotic alternatives for food borne pathogen control in poultry. Technical Report, Foreign Agriculture Service.
- Donoghue, D.J.** and B.M Hargis, 2005. Transfer of antibiotics from breeder hens into chicks: potential reduction in probiotic culture efficacy and subsequent increase in foodborne pathogen colonization in poultry. Technical Report, Food Safety Consortium.
- Donoghue, D.J.,** K. Cole, I Reyes-Herrera and P.J. Blore, 2005. Kinetics of *Campylobacter* resistance within the broiler gastrointestinal tract. *Campylobacter Helicobacter and Related Organisms International Workshop.* Queensland, Australia. p. 5.
- Donoghue, A.M., M.B. Farnell, K. Cole and **D.J. Donoghue**, 2005. Mechanisms of pathogens control in the avian gastrointestinal tract. *World Poultry Science. Avian Gut Function, Health and Disease,* Bristol, UK. p. 9.

- Erf, Gisela**, "Immunomodulatory effects of dietary administration of bacterial cell wall product in poultry." XXX Convencion Annual de ANECA, Puerto Vallarta, Jalisco, Mexico .
- Erf, Gisela**, "Animal model for autoimmune vitiligo: the Smyth line chicken". National Vitiligo Foundation Meeting, Fort Worth, TX .
- Erf, Gisela**, "Maternal antibody transfer in broiler breeder lines". Cobb Vantress, Inc., Siloam Springs, AR.
- Erf, Gisela**, "Immunology program and flow cytometry" for various recruitment efforts, Fayetteville, AR, 4 to 5 times per year.
- Farnell, M.B., A.M. Donoghue, K. Cole, I. Reyes-Herrera, F.S. del Sol Santos, M. Dirain, P.J. Blore, K. Pandya and **D.J. Donoghue**, 2005. Effect of bismuth citrate on *Campylobacter* colonization in broilers. Poultry Science. 84:36.
- Farnell, M.B., A.M. Donoghue, K. Cole, I. Reyes-Herrera, P.J. Blore, K. Pandya and **D.J. Donoghue**, 2005. Ciprofloxacin resistance of *Campylobacter* isolate from broiler gastrointestinal tracts. Poultry Science. 84:36.
- Goodwin, Jr., H. L.** "High Fertilizer Prices: What Does Chicken Little Have to Say?" National Intertribal Agriculture Council Conference, Las Vegas, Nevada, December 7, 2005.
- Goodwin, Jr., H.L.** "Assessing the Issues Facing Poultry Growers in Oklahoma and Arkansas, Meeting for Oklahoma and Arkansas lenders sponsored by Poultry Partners, Kansas, OK, November 28, 2005.
- Goodwin, Jr., H. L.** "Challenges Facing the Poultry Industry", presented to Western Arkansas Farm Credit, September 14, 2005.
- Goodwin, Jr., H.L.** "Arkansas Agriculture: Economic Outlook." Farm Credit Services of Western Arkansas. Russellville, AR, August 24, 2005.
- Goodwin, H.L.** and R.I. Carreira. "Poultry Litter: Potential for Expanded Applications by Arkansas Agriculture Producers." Presented at the Arkansas Young Farmers Conference, July 30, 2005, Little Rock, AR.
- Goodwin, Jr., H.L.** "Domestic and International Poultry Marketing." National Poultry 101 Workshop, June 3, 2005, Fayetteville, AR.
- Goodwin, Jr., H.L.** "Location of Production and Consolidation in the Processing Industry: The Case of Poultry." Invited paper at the 2005 Southern Agricultural Economics Association meetings, Little Rock, AR, February, 2005.
- Gilbert, C., H. Kanta, T. Cummins, I. Hanning, A. O'Leary, Y. Ma, and **M. Slavik**. 2005. Prevalence of cytolethal distending toxin B-subunit in *Campylobacter jejuni* isolated from humans, chickens, and turkeys. Food Safety Consortium, Manhattan, KS.
- Gilbert, C., I. Hanning, T. Cummins, A. O'Leary, Y. Ma, and **M. Slavik**. 2005. Prevalence of cytolethal distending toxin B-subunit in *Campylobacter jejuni* isolated from humans, chickens, and turkeys. Food Safety Consortium, Manhattan, KS.
- Hanning, I. and **M. Slavik**: 2005. Survival strategies of *Campylobacter jejuni*. Food Safety Consortium, Manhattan, KS.
- Hanning, I., Y. Ma, C. Gilbert, A. O'Leary, and **M. Slavik**. 2005. Possible cross-contamination and enhanced attachment to chicken skin by *Campylobacter jejuni* biofilm isolates. Food Safety Consortium, Manhattan, KS.
- Jiang, Q., Y. Ying, J. Wang, Z. Ye and **Y. Li**. 2005. Detection of cephradine through the electrochemical study of the degradation product of cephradine. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the Proceedings of SPIE Volume 5994.

- Jiang, X., Y. Ying, Z. Ye, J. Wang, and **Y. Li**. 2005. Electrochemical biosensor for rapid detection of pesticide residues in agricultural products. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the Proceedings of SPIE Volume 5994.
- Jones, F. T.** 2005. "Understanding the poultry industry" Presentation to New Employee Orientation group 3/30/05 Ferndale / Little Rock.
- Jones, F. T.** 2005. "The Broiler Industry" and "Biosecurity" Presentations to ANR Agent Core Curriculum Training 5/10/05, Russellville.
- Jurkevich, A., F.N. Madison, L. Cornett, and **W.J. Kuenzel**. 2005. Role of the gene encoding the vasotocin II receptor (VT2R) in the stress response of poultry. (Given at the NC-1008 Multistate Research Project, Poultry Workshop, held in conjunction with the annual Plant and Animal Genome XIII conference, January 14-18, 2006, in San Diego, CA).
- Keen, C.A., C. A. Fritts, F. Yan, and **P. W. Waldroup**. 2005. The effect of alpha galactosidase enzyme on performance of broilers fed corn-soybean meal diets. SPSS.
- Keen, C.A., F. Yan, K. YU. Zhang, and **P. W. Waldroup**. 2005. The effect of alpha galactosidase enzyme on performance of broilers fed corn-soybean meal diets. 2. Dose response studies. SPSS.
- Kuenzel, W.J.** and C.D. Golden. 2005. The distribution of gonadotropin-releasing hormone-1 (GnRH-1) neurons and their terminal fields in the chick brain and change following activation of the photo-neuroendocrine system. (Given at the S-1020 Regional Project meeting, November 3-4, 2005, San Francisco, CA).
- Li, Q., J. Wang, Z. Ye, Y. Ying and **Y. Li**. 2005. Detection of fruit quality based on bio-impedance using probe electrode. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the Proceedings of SPIE Volume 5994.
- Li, Y.**, S. Ang, X.L. Su, L. Yang, and X Yu. 2005. Impedance biosensor for detection of multiple foodborne pathogens. A progress report in: CD of Food Safety Consortium 2005 Annual Meeting—Agenda, Presentations, and Progress Reports, October 2-4, Manhattan, KS.
- Li, Y.**, Q. Sun, M. Varshney and X. Su. 2005. Immuno-nanobeads based QCM biosensor for rapid, sensitive and specific detection of *Escherichia coli* O157:H7. Presented at IBE 2005 Annual Meeting, March 4-6, Athens, GA.
- Li, Y.** 2005. Biosensors for rapid detection of foodborne pathogens. *Invited presentation* at MOST, China and USDA Workshop: Agricultural Products Processing and Food Safety, September 21-24, Beijing, China.
- Li, Y.** 2005. Biosensors and their applications in agriculture and food. *Invited presentation* at The World Agriculture Congress: Forum on Agricultural Information, September 15-17, Beijing, China.
- Li, Y.**, Q. Sun, F. Liu and X. Su. 2005. Nanoparticles based QCM immunosensor for detection of foodborne pathogens. Presented at IAFP 2005 92nd Annual Meeting, August 13-17, Baltimore, MD.
- Li, Y.**, S. Ang, X.L. Su, L. Yang, and X Yu. 2005. Impedance biosensor for detection of multiple foodborne pathogens. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Ma, Y., I. Hanning, C. Gilbert, H. Wang, and **M. Slavik**. 2005. Adaptive response to acid and aerobic stress by *Campylobacter jejuni*. Food Safety Consortium, Manhattan, KS.
- Pradhan, A., and **Y. Li**. 2005. Interactive predictive modeling of pathogen kinetics, heat and mass transfer for thermal inactivation of *Listeria* in ready-to-eat poultry products. Presented at

- Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Su, X.L., Q. Sun, B. Kim, and **Y. Li**. 2005. An automatic capillary immunoassay system for detection of foodborne pathogens. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Su, X., and **Y. Li**. 2005. A quartz crystal microbalance immunosensor for detection of *Salmonella* Typhimurium based on simultaneous measurements of resonant frequency and resistance. Presented at PITTCO 2005 Annual Meeting, February 27 – March 4, Orlando, FL.
- Su, X., Q. Sun, B. Kim and **Y. Li**. 2005. An automatic capillary immunoassay system for detection of foodborne pathogens. Presented at ASAE 2005 Annual Meeting, July 17-20, Tampa, FL. ASAE Paper No. 057026.
- Tellez, G., C. Pixley, J. L. Vicente, A. Torres, S. Higgins, A. Wolfenden, L. Bielke, J. Higgins, S. Henderson, A. Donoghue, and **B. M. Hargis** (2005) Selection of Therapeutically Efficacious Lactic Acid Bacteria Cultures for Probiotic Use in Commercial Poultry. World Conference on Probiotics, Prebiotics and Symbiotics. Rome, Italy.
- Varshney, M. and **Y. Li**. 2005. Magnetic nanoparticle-antibody conjugates for highly efficient separation of *Escherichia coli* O157:H7 from food samples. Presented at IBE 2005 Annual Meeting, March 4-6, Athens, GA.
- Varshney, M., **Y. Li**, B. Srinivasan and S. Tung. 2005. Microfluidic filter chip applied for chemiluminescence fiber optic biosensing method for the detection of *E. coli* O157:H7. Presented at ASAE 2005 Annual Meeting, July 17-20, Tampa, FL. ASAE Paper No. 057028.
- Varshney, M., **Y. Li**, B. Srinivasan, and S. Tung. 2005. Microfluidic filter chip based chemiluminescence biosensor for detection of *E. coli* O157:H7. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Varshney, M., **Y. Li**, B. Srinivasan and S. Tung. 2005. Microfluidic filter chip applied for chemiluminescence fiber optic biosensing method for the detection of *E. coli* O157:H7. ASAE Paper No. 057028.
- Vicente, J.L., A. Torres-Rodriguez, S.E. Higgins, C. Pixley, G. Tellez, **B. M. Hargis** (2005) Effect of a probiotic culture on horizontal transmission of *Salmonella enteritidis* in turkey poults. Oral presentation SPSS Atlanta, GA.
- Wang, H., **Y. Li** and M. Slavik. 2005. PCR-based fluorescent method for rapid detection of *Campylobacter jejuni*, *Salmonella* Typhimurium, *Escherichia coli* O157:H7 and *Listeria monocytogenes* in poultry samples. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Yang, L., X. Su and **Y. Li**. 2005. Quantum dot bioconjugates for simultaneous detection of *Salmonella* Typhimurium and *Escherichia coli* O157:H7. Presented at Food Safety Consortium 2005 Annual Meeting, October 2-4, Manhattan, KS.
- Yang, L., Su, X., and **Y. Li**. 2005. Quantum dot bioconjugates for simultaneous detection of *Escherichia coli* O157:H7 and *Salmonella* Typhimurium. Presented at PITTCO 2005 Annual Meeting, Feb. 27 – March 4, Orlando, FL.
- Wang, H., Y. Li, and **M. Slavik**. 2005. PCR-based fluorescent method for rapid detection of *Campylobacter jejuni*, *Salmonella typhimurium*, *Escherichia coli* O157:H7 and *Listeria monocytogenes* in poultry samples. Food Safety Consortium, Manhattan, KS.
- Wideman, R. F.** Improving the pulmonary vascular capacity reduces the susceptibility of broilers

- to ascites and heat stress. XXX Convencion Annual de ANECA, 27 April, Puerto Vallarta, Jalisco, Mexico (Invited presentation), 2005.
- Wolfenden, A.D., R.L. Jarquin, G.M. Nava C. Solis, S.E. Higgins, L.R. Bielke, **B.M. Hargis**. (2005) Effect of organic acids on *Salmonella enteritidis* growth and water consumption in broilers. Oral Presentation SPSS Atlanta, GA.
- Yan, F., C. A. Keen, K. Y. Zhang, and **P. W. Waldroup**, 2005. Assessing antibiotics in a broiler withdrawal program. SPSS.
- Yan, F., and **P. W. Waldroup**, 2005. Activity of phytase in poultry excreta. SPSS.
- Yan, F., C. A. Keen, K. Y. Zhang, and **P. W. Waldroup**, 2005. Comparison of methods to evaluate bone mineralization. SPSS.
- Young, Ken, R.I. Carreira, **H.L. Goodwin**, and Eric Wailes. "Economics of Transporting Poultry Litter from Northwest Arkansas to Eastern Arkansas Croplands." Selected paper for presentation at the Southern Agricultural Economics Association Annual Meeting, February 5-9, 2005, Little Rock, AR.
- Zhang, K. Y., F. Yan, C. A. Keen, and **P. W. Waldroup**, 2005. Evaluation of essential oils and organic acids in diets for broiler chickens. SPSS.
- Zhang, K. Y., F. Yan, C.A. Keen, and **P. W. Waldroup**, 2005. Evaluation of essential oils and organic acids in diets for broiler chickens. 2. Dose response studies. SPSS.

Other Creative Endeavors

Agricultural Economics and Agribusiness

Dr. Ahrendsen in 2005 presented at these professional meetings:

- The American Agricultural Economics Association in Providence which included a presentation at the pre-session workshop on agricultural and rural finance;
- The multi-state research committee NC-1014 on agricultural and rural finance markets in transition in Minneapolis sponsored by Federal Reserve Bank of Minneapolis;
- The multi-state information exchange group SCC-76 on economics and management of risk in agriculture and national resources in Myrtle Beach, SC.

Beghin, John, Fengxia Dong, Amani Elobeid, Jay Fabiosa, Frank Fuller, Chat Hart, Karen Kovarik, Holger Matthey, Alexander Saak, Simla Tokgoz, Seth Meyer, **Eric Wailes**. *FAPRI 2005 World Agricultural Outlook Briefing Book*. Center for Agricultural and Rural Development, Iowa State University, Ames (2005):70 pages.

Chaubey, I., Tom Costello, Brian Haggard, **Janie Hipp**, A. Johnson, John Kelly, Marty Matlock, **Jennie Popp**, **Ron Rainey**, S. Robertson, Phil Tacker, A. Tingle, Earl Vorres and A. Wilson. "Protecting Water Quantity and Quality in the L'Anguille Watershed, a Field Study Approach. Poster at the Arkansas Soil and Water Education Conference, Jonesboro, AR. Jan 13, 2005.

Friedrich, Heather, Curt R. Rom, Donn Johnson, **Jennie Popp**, B. Bellows, Mary Savin, Dave Miller. "The Southern Organic Fruit Production Initiative." Poster at the Association of Southern Horticultural Scientists meeting, Little Rock, AR. February 5-7, 2005.

Friedrich, Heather, Curt Rom, **Jennie Popp**, B. Bellows, Donn Johnson, D. Horton, K. Pomper,

- D. Lockwood, S. McCartney, G. Zehnder. "The Development of a Southern Region Organic Fruit Initiative." Poster at the American Society of Horticultural Scientists Annual Conference, Las Vegas, NV, July 17-21, 2005.
- Martin, Steven, **Kelly Bryant, Robert Hogan**, Todd Davis, Ken Paxton, Jason Johnson. "Economic Analysis of No-till, Conservation-till and Conventional-till Cotton Production Systems." Eighth Annual National Conservation Tillage Cotton & Rice Conference. Houston, TX. January 13-14, 2005.
- Pollard, Stephan P., **Jennie S. Popp**. "Multi-Family Dwelling Tenant-generated Recyclables, Compost-target, and Household Hazardous Waste." Presented at the Arkansas Recycling Coalition's 15th Annual Conference and Trade Show, Springdale, AR, June 7-9, 2005.
- Popp, Jennie**, Gina Vickery, **H. L. Goodwin, Jr.** and **Wayne Miller**. "The Impact of the Agricultural Sector on the Arkansas Economy." Poster at the Southern Agricultural Economics Association Annual Meeting, Little Rock Arkansas, February 5-9, 2005. **Received second place poster award.**
- Popp, Jennie, Janie Hipp**, P. Austin, B. Bailey and S. Swogger. "Risk Management Education for Non-reservation Tribal Farmers and Ranchers." Poster at the National Risk Management Conference. Kansas City, MO. April 7-8, 2005.
- Popp, Jennie, Eric Wailes, Kenneth Young** and **James Smartt**. "On Farm Surface Water Storage - Practical or Not?" Presented at the Arkansas State University Soil and Water Education Conference, Jonesboro, AR. January 13, 2005.
- Popp, Jennie** "Expect the Unexpected." Presented at the Oklahoma RC&D Women in Agriculture and Small Business Conference, McAlester, OK. March 31, 2005.
- Popp, Michael** and Stephanie K. Brister. "Financial Planning in Stocker Cattle." 2005 Arkansas Cattle Growers Conference. Arkadelphia, AR (August 9, 2005).
- Popp, Michael, Paul S. Poag**, John Rupe, Bruce Dixon, Craig Rothrock and Charles Boger. "Profitability of Soybean Seedtreatments." Field day poster at Stuttgart, AR (August 10) and Keiser, AR (August 25, 2005).
- Popp, Michael, Pat Manning**, Jeff. Edwards and Larry Purcell. "Plant Population Density and Maturity Effects on Profitability of Short-Season Corn Production in the Mid-Southern U.S." Field day poster at Stuttgart, AR. (August 10) and Keiser, AR (August 25, 2005).
- Rom, Curt R., Heather Friedrich, Donn T. Johnson, **Jennie S. Popp** and B. Bellows. "The Southern Organic Fruit Initiative." Poster at the American Farm Bureau 86th Annual Conference, Charlotte NC, Jan 9-12 2005.
- Rom, Curt R., Heather Friedrich, Donn T. Johnson, **Jennie Popp** and B. Bellows. "The Southern Organic Fruit Production Initiative." Poster presented at the 3rd Organic Tree Fruit Symposium, Chelan, WA, June 6-8, 2005.
- Rom, Curt R., Heather Friedrich, Donn Johnson, **Jennie Popp**, B. Bellows. "The Southern Organic Fruit Initiative." Presented at the Oklahoma-Arkansas Horticulture Industry Show. Fort Smith, AR. January 14-15, 2005.
- Rom, Curt R., Heather Friedrich, Donn Johnson, **Jennie Popp**, B. Bellows, Mary Savin, and Dave Miller. "The Southern Organic Fruit Initiative: a New Multi-State, Multi-disciplinary Cooperative Project to Stimulate Research, Outreach and Production in the Southern region." Presented at the Association of Southern Horticultural Scientists

meeting, Little Rock, AR. February 5-7, 2005.

Thomsen, Michael. "Broiler Contracts." Presentation to group of Chinese poultry industry professions on visit to U of A, explaining the workings and features of broiler production contracts. October 20, 2005.

Thomsen, Michael. "Recall Preparedness." Presentation to USDA's Economic Research Service in Washington, DC explaining a recall decision model resulting from ongoing work related to a cooperative agreement between U of A and USDA-ERS. Agreement awarded in 2004. November 2, 2005

Wailes, Eric J. Interviewed for "Of Rice and Men." *Time Asia*. by Michael Schuman, Nov 20, 2005. at: <http://www.time.com/time/asia/magazine/article/0,13673,501051128-1132869,00.html>

Wailes, Eric J. Interviewed for "South Korea Farmers Wary Over Rice Deal." *International Herald Tribune*, by Donald Greenlees. December 12, 2005.

Watkins, K. Brad, Jason L. Hill, Merle M. Anders, and Tony E. Windham. "Whole Farm Economic Evaluation of No-Till Rice Production." Poster displayed at the 2005 Rice Research and Extension Center Field Day, Stuttgart Arkansas. August 10, 2005.

Staff Papers 2005

Watkins, K. Bradley, Jason L. Hill, Merle M. Anders, Toney E. Windham. "Whole Farm Economic Evaluation of No-Till Rice Production in Arkansas." SP 01 2005. February 2005.

Popp, Michael, Wayne Miller, Patrick Manning and Mark Cochran. "Biodiesel for Arkansas: Information for Policy Analysis." SP 02 2005. March 2005.

Wailes, Eric, Brad Watkins, Rob Hogan, Bobby Coats and Mark Cochran. "Estimates of Arkansas Agricultural Economic Losses in 2005." SP 03 2005. September 2005.

Goodwin, Jr., H. L., Sandra J. Hamm, F. Dustan Clark, Dawn Thilmany and Alice Thaler. "Animal Agriculture's Interface for the Future: Strengthening Animal and Human Health." SP 04 2005. December 2005.

Wailes, Eric. "Analysis of FY 2006 Budget Proposals for Arkansas Crop Farms." SP 05 2005. December 2005.

Biological and Agricultural Engineering

Patents:

Compadre, C.M., P.J. Breen, H. Salari, E.K. Fifer, D.L. Lattin, M.F. Slavik, **Y. Li**, T. O'Brien, A. Waldroup and T. Berg. 2005. Concentrated, Non-foaming Solution of Quaternary Ammonium Compounds and Methods of Use. US Patent No. 6,864,269, March 8, 2005.

Crop, Soil and Environmental Sciences

Bararpour, M.T., L.R. Oliver, N.R. Burgos, and R.C. Scott. 2005. Ryegrass Identification Keys. Uof A CES. 2 pages.

- Coblentz, Wayne K., Johnny L. Gunsaulis, Robin K. Ogden, **Robert Bacon**, Ken P. Coffey, Donald S. Hubbell, III, J. Vaughn Skinner, Jr., Ron W. Cox, and Keith S. Lusby. 2005. Fall-Growth Potential of Cereal-Grain Forages for Livestock. Proc. Researching Critical Issues for Arkansas Cattlemen. Ark. Coop. Ext. Service, p. 4-12.
- Kelley, J.P., S. Sheets, **T. Reaper**, M. Cordell, R.K. Bacon, J. Kelly, C. Parsons, G. Milus, C. Coker, and R. Cartwright. 2005. Wheat Update 2005: Arkansas Wheat Performance Tests and Variety Selection. Ark. Coop. Ext. Service, p. 1-18.
- Levine, D., Inza Fort and D. E. Longer. 2005. Using Class Time for Optimal Learning: Some Practical Suggestions. *In* Relative to Teaching, Newsletter published by Cordes Teaching and Faculty Support Center, 18 Feb. U.of A, Fayetteville, AR.
- McConnell, J.S.** 2005. Soil Erosion and Water Quality. Mid-America Farmer. 22(8): 12. 25 Feb. 2005. An Example of Calculated Theoretical Sediment Loss from Soil Erosion. Distributed at the Eighth Ann. Nat. Conser. Till. Conf. 13 -14 Jan. Houston, Texas.

Food Science

- Meullenet, J.F.** Attended workshop on probabilistic unfolding: Multivariate mapping, drivers of liking and product portfolio optimization. The Institute for Perception, The Cloister, Sea Island, Georgia, February 23-25.
- Morris, J.** Acted as adviser to Wiederkehr Wine Cellars, Altus, AR; Mount Bethel Wine Cellars, Altus, AR; Post Familie Winery, Altus, AR; Chateau Aux Arc Vineyards and Winery, Altus, AR.; Cowie Wine Cellars, Paris, AR; and several wineries and vineyards throughout the United States.
- Morris, J.** Acted as judge for 'Wines of the South' Regional Wine Competition at Knoxville TN, in October.
- Morris, J.** Acted as judge for the Arkansas State Fair Wine Competition in Little Rock.
- Morris, J.** Advised colleagues from other Universities on viticulture and enology research issues.
- Morris, J.** Conducted a seminar for French Camp and Gallo managers on: Vineyard Mechanization. Santa Margarita, CA.

Horticulture

- Clark, J.R.** 2005. White Rock Peach, (Plant Patent application filed May 25, 2005; #11/137,623)
- Clark, J.R.** 2005. White County Peach, (Plant Patent application filed May 25, 2005; #11/137,630)
- Clark, J.R.** 2005. Prime-Jan™ (APF-8 cultivar), Primocane-fruiting Blackberry, (Plant Patent 15,788, June 7. 2005); Trademark filed
- Clark, J.R.** 2005. Prime-Jim™(APF-12 cultivar) Primocane-fruiting Blackberry, Winter 2004 (Plant Patent Application filed March 30, 2004; #10/815,4437); trademark filed
- Clark, J.R.** 2005. Prime-Ark® trademark applied for and commercial use documentation

initiated in. 2005

Plant Pathology

Rupe, J. C. Organized the **Eastern Regional Conference on the Ecology of Root Infecting Microorganisms** – ERCERIM, February 8, 2005, Little Rock, AR. The program included sessions on Sudden Oak Death, Soil Health, and Nematodes and included speakers from across the eastern US. Thirty people attended.

School of Architecture

Books Published

Blackwell, Marlon, *Out of Town: Rural Houses*, Images Publishing, Peter Hyatt, (pg.168-173) (publication May 2006) ISBN 1 86470 150 1 (Moore HoneyHouse and Keenan Towerhouse).

Blackwell, Marlon, *MAS pequenos espacios urbanos (Compact Houses)*, Loft Publications edited by Cristina del Valle Schuster, (pg.346-353). (publication January 2005), ISBN 84 96304 61 2. (Keenan Towerhouse).

Blackwell, Marlon, *Rooms Outside the House*, Grayson Publishing, James G. Trulove, (publication September 01, 2005), ISBN 00 60749 81 4. (Moore HoneyHouse).

Refereed Articles and Proceedings

Beatty, Frances G., Currently under contract with the New England Garden History Society Journal to write a refereed article entitled, “French Connection: The Influence of the Parisian Boulevard on the American City”.

Brittenum, Judy B., “A time for National Place: America’s First Set-Aside Landscape”, Proceedings, Council of Educators in Landscape Architecture National Conference, University of Georgia, Athens, September 2005.

Crone, John V., Paper entitled “A Comparative Analysis of Roosevelt Farm Communities in North Carolina and Arkansas”, CELA paper presentation at conference hosted by the University of Georgia, Athens, Georgia, September 21-24, 2005. Abstract in conference proceedings.

Crone, John V., Paper entitled “Looking Back to Inform the Future: Sustainable Agriculture and Community Design”, CELA paper presentation at conference hosted by the University of British Columbia, 2006 CSLA/CELA Conference: Shifting Group,

- Landscape Architecture in the Age of the New Normal, June 14-17, 2006, Hyatt Regency Vancouver, British Columbia. Abstract in conference proceedings.
- Fields, Laurie, "Designing a Global Perspective:", co-authored with Marie Gentry, PhD, presented at *Council of Educators in Landscape Architecture*, Athens, Georgia, September 2005 (paper published in the proceedings).
- Fields, Darell W., Book Review for Journal of the Society of Architectural Historians, *Suburban Steel: The Magnificent Failure of the Lustron Corporation, 1945-1951*, by Douglas Knerr, Fall 2005.
- Goodstein-Murphree, Ethel S., "What's a nice architectural historian like you doing in a truck stop like this?" in *The Reach of Research, Proceedings Architectural Research Centers Consortium Spring Research Conference*, Mississippi State University, Jackson, Mississippi, 2005: 90-95.
- Smith, Korydon, "Comprehensive Design in Beginning Architectural Education: A New Paradigm", National conference on the Beginning Design Student, Iowa State University, Ames, IA. April 2006.
- Terry, Laura, "Painting the Literary Landscape," selected for presentation at the ACSA Southwest Conference, *Inprovisations*, University of Louisiana, Lafayette, October 2005. (conference cancelled due to Hurricane Katrina, proceedings to be published in May 2006).

Articles and Unrefereed Publications

- Blackwell, Marlon, Arquine, Mexico City, Mexico, June 2006, (pg. 108), Miquel Adria, a book review with photo on "An Architecture of the Ozarks: The Works of Marlon Blackwell".
- Blackwell, Marlon, Pasajes, Madrid, Spain, June 2006, (pg.60-62), Paula Abascal, features Moore HoneyHouse w/ photos.
- Blackwell, Marlon, Canadian Architect, Toronto, Canada, May 2006, (pg.22-31), Trevor Brody and Ian Chodikof, *Banff Sessions 2006*, reviews my design practice and work w/ photos of HoneyHouse and Towerhouse.
- Blackwell, Marlon, I.D. International Design, Cincinnati, Ohio, Jan/Feb 2006, (pg.64-65), Bradford McKee, Profile as one of the I.D. Forty unsung heroes w/ photo of University of Arkansas Razorback Golf Center.
- Blackwell, Marlon, Residential Architect, Washington D.C., April 2006, (pg.76-77), *Architect's Choice*, features HoneyHouse, Golf Center, Arkansas House, BarnHouse, Moore House.
- Blackwell, Marlon, DWELL, San Francisco, California, October/November 2005, (pg. 68), a book review (with photo). Also includes new books by Julie Snow, Brian Mackay-Lyons, and Susanna Sirefman.

- Blackwell, Marlon, Architectural Record, New York, New York, October 2005, (pg. 82), Books by Andrea Oppenheimer Dean. A book review (with photo) on "An Architecture of the Ozarks: The Works of Marlon Blackwell".
- Blackwell, Marlon, AY Magazine, Little Rock, Arkansas, August 2005, Volume XVII. No. 4 (pg. 34 – 37), Marlon Blackwell...artist, architect, Arkansan, by Angela E. Thomas. A profile article featuring our work with photos of the June Moore house (also on the cover), the Arkansas House, and the Keenan Towerhouse.
- Brittenum, Judy B., National Park Service Research (contracted submittal): *The Cultural Landscape Inventory for Central High School National Historic Site, Little Rock, Arkansas*. (Updated edition), CHSNHS and City of Little Rock, Arkansas. May 2006.
- Brittenum, Judy B., *Encyclopedia of Arkansas*; ed. Nathania Sawyer. Invited biographical entry: General Earl Thornton Ricks, Hot Springs, Arkansas/Washington, D.C., May 2006.
- Crone, John V., Paper entitled "Cervara di Roma/Monti Simbruini Regional Plan," for the University of Arkansas Rome Center for Architecture and the Humanities and Comune di Cervara di Roma. August 1, 2005.
- Crone, John V., Paper entitled "Heritage Tourism Considerations for the Cervara di Roma Area Including Monti Simbruini Regional Park," for the University of Arkansas Rome Center for Architecture and the Humanities and Comune di Cervara di Roma. August 23, 2005.
- Fields, Laurie, "The IBA Emscher Park: Design for Economic and Environmental Recovery", presented at *Towards a Study Center International Design Symposium*, Cervara di Roma, Italy, June 2005 (paper to be published in the proceedings).
- Terry, Laura, "Concealing and Revealing: Painting the Southern Literary Landscape," feature issue of the Center for Arkansas and Regional Studies, *Overland Review*, Vol. 33, pp. 1-72, May 2006

Research Reports

- Blackwell, Marlon, Park Analysis and Programming Summary for the Virginia Fairbanks Art + Nature Park and the Fehnel Visitor's Center, Indianapolis, Indiana. A research document (147pgs.) for the Indianapolis Museum of Art done in collaboration with the Landscape Studio, Hattiesburg, Mississippi.
- Brittenum, Judy B., Cervara de Roma, Report Section III, "Artisan and Draftsman Entrepreneurs" from "Reflections on Cervara: A Collection of Essays on various Planning, Design and Management Issues in Cervara and the Monti Simbruini Park", September 2005.
- Herman, Gregory S., Primary Investigator, re-activated research on WPA/Farm Resettlement Administration-sponsored housing at Lake Dick and Plum Bayou. Ongoing.
- Messadi, Tahar, Review, Assessment and Content Revision related to the six courses of Architectural Technology, School of Architecture, University of Arkansas, amount of grant \$5,200, report completed on February 28, 2006.

Smith, Korydon, "University of Arkansas Universal Design Project," Quarterly Report: March 2006. Report submitted to the *Arkansas Governor's Task Force on Supported Housing* outlining research activities, findings, and expenditures.

Invited Lectures

- Beatty, Frances G., Garvan Woodland Gardens Symposium, "The Nature of Golf: Designing Courses to Play a Role in Ecological Reclamation and Environmental Health", Department of Landscape Architecture, 28 April, 2006. Conference organizer, producer, lecturer, and emcee.
- Blackwell, Marlon, Alabama A.I.A. Convention, Asheville, North Carolina, June 2006.
- Blackwell, Marlon, University of Texas at Arlington, Arlington, Texas, May 2006.
- Blackwell, Marlon, Pennsylvania A.I.A. Convention, York Pennsylvania, May 2006.
- Blackwell, Marlon, Rural Studio, Auburn University, Newbern, Alabama, April 2006
- Blackwell, Marlon, Baltimore A.I.A., Baltimore, Maryland, April 2006.
- Blackwell, Marlon, Banff Sessions 2006, Banff, Canada, April 2006.
- Blackwell, Marlon, University of Kansas, Lawrence, Kansas, March 2006.
- Blackwell, Marlon, Young Architects Forum, Kansas City, Missouri, March 2006.
- Blackwell, Marlon, Southern Illinois University, Carbondale, Illinois, February 2006.
- .Blackwell, Marlon, Alaska Design Forum, Anchorage/Fairbanks, Alaska, January 2006.
- Blackwell, Marlon, Dalhousie University and the Ghost Studio, Halifax, Nova Scotia, July 2005.
- Blackwell, Marlon, Harvard University, Cambridge, Massachusetts, May 2006, Thesis Reviews.
- Blackwell, Marlon, University of Texas at Arlington, Arlington, Texas, May 2006.
- Blackwell, Marlon, University of Texas, Austin, Texas, December 2005, Graduate Design Reviews.
- Blackwell, Marlon, Washington University at St. Louis, Missouri, December 2005, Graduate I Studio.
- Blackwell, Marlon, Awards Jury, The Lyceum Traveling Fellowship, Boston, Mass, April 2006.
- Blackwell, Marlon, Tulane University and the Ogden Museum, New Orleans, Louisiana, June 2006, Invited to design/exhibit (2) Single-Family Houses for Post-Katrina New Orleans.
- Blackwell, Marlon, Ferrous Park Housing Competition, Kansas City, Kansas, May 2006, Finalist for design of (7) Live-work Houses and an Urban Park. Collaboration with firms El Dorado, Face Architecture, and Min/Day.
- Blackwell, Marlon, Architectural Record Exhibition celebrating the 50th issue of Record Houses. Featured the June Moore Residence, Record Houses April 1991. Exhibited

- Boston (April 2005) and New York at the Pratt Institute Gallery (Aug – Sept 2006).
- Blackwell, Marlon, 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, Mack Scogin/Merrill Elam, W.G. Clark, Lake/Flato, and the Rural Studio.
- Blackwell, Marlon, The Keenan Towerhouse was featured in a 15-minute segment on the HGTV show “Exotic Homes”. The film was shot in August 2005 and aired nationally in October 2005.
- Blackwell, Marlon, UATV Interview on my work and design philosophy (featuring the Keenan Towerhouse). November 2005
- Blackwell, Marlon, Invited to act as a guest critic working for one week with 20 students at the Ghost Studio, a design/build research lab hosted by Canadian architect Bryan MacKay-Lyons, Halifax Nova Scotia, July 2005. Worked together with Finnish Architect, Juhani Pallasmaa.
- Boyer, Mark E., “Bioswales for Stormwater Designs”, Fayetteville, Arkansas, Arkansas Urban Forestry Council Annual Conference. 19 April 2006.
- Boyer, Mark E., “U.S. National Wildlife Refuges: Public Use and Eco-Tourism Contributions”, Verso un Centro Studi, 1st Symposium/Research Workshop on the Landscape, Urban and Architectural Planning for the Town of Cervara di Roma. Cervara di Roma, Italy, June, 2005.
- Boyer, Mark E., Interviewed for National Science Foundation, University of Wisconsin published online journal *The Why Files* article on flood control and wetlands of the Mississippi River related to hurricane Katrina in New Orleans. Article ran 23 September 2005.
- Brittenum, Judy B., “Cervara di Roma and Hot Springs, Arkansas: Two Cities in National Parks”, presented at Cervara, Italy. “Historic Hot Springs National Park Landscape: The City in a Garden”, Garvan Woodland Gardens, History Symposium. Summer 2005.
- Crone, John V., “Heritage Tourism Considerations for the Cervara di Roma Area Including Monti Simbruini Regional Park,” for the University of Arkansas Rome Center for Architecture and the Humanities and Comune di Cervara di Roma. August 23, 2005.
- Crone, John V., entry Re-Design in West Memphis: “Engaging Engineering Students in Multidisciplinary Teams,” American Society for Engineering Education Conference, September 16, 2005, Continuing Education, University of Arkansas (with Carolyn Garcia of UAEDI).
- Herman, Gregory S., Participant, Re_vision “Arkansas Summit”, New Orleans Meeting, University of Arkansas, December 2005.
- Messadi, Tahar, “Curricular Model for Early Introduction of Technology, Society of Building Science Educators Annual Conference, Savannah, Georgia, June 21-24, 2005.
- Smith, Korydon, “Housing, Aging, and Arkansas: Developing Inclusive Housing for the Coming Decades”, invited lecture presentation at “The Graying of America,” state conference on aging, sponsored by Arkansas Support Network, March 2006.

- Smith, Korydon, "Usability Standards in Housing", Invited lecture presentation to Arkansas Development Finance Authority, January 2006.
- Smith, Korydon, "Housing Standards", Invited lecture presentation to Governor's Task Force on Supported Housing, November 2005.
- Smith, Korydon, "University of Arkansas Universal Design Project: Trends, Needs, and Goals", Invited lecture presentation to Governor's Integrated Services Task Force, October 2005.
- Smith, Korydon, "Inclusive Housing, Arkansas: Demographic, Legal, Cost-Benefit, and Quality of Life Issues", Invited Lecture, School of Law, University of Arkansas, Faculty Development Lecture Series, October 28, 2005.
- Smith, Korydon, "University of Arkansas Universal Design Project: Trends, Needs, and Goals", Invited lecture presentation to Governor's Task Force on Supported Housing, August 2005.
- Terry, Laura, "Camp Aldersgate Design/Build Program," presented at the Auburn University Rural Studio, March 17, 2006, Newbern, Alabama.

Refereed Scholarly Paper Presentations

- Beatty, Frances G., "French Connection: The Influence of the Parisian Boulevard on the American City", Council of Educators in Landscape Architecture (CELA), Athens, Georgia, 21-25 September 2005.
- Brittenum, Judy B., "A Time for National Place: America's First Set-Aside Landscape", CELA national conference, University of Georgia, September 2005.
- Fields, Laurie, "Designing a Global Perspective", co-authored with Marie Gentry, PhD., presented at *Council of Educators in Landscape Architecture*, Athens, Georgia, September 2005 (paper published in the proceedings).
- Goodstein-Murphree, Ethel S., "The Sacred Space on the Side of the Road," Annual Conference, Southeast Chapter, Society of Architectural Historians, Fort Worth, TX, October 14, 2005.
- Goodstein-Murphree, Ethel S., "The Chapels of E. Fay Jones: Sacred Spaces...or Popular Places?" Annual Conference of the Southeast College Art Conference, Little Rock, Arkansas, October 28, 2005
- Goodstein-Murphree, Ethel S., "When Arkansas Was Modern: The Legacy of Edward Durell Stone and the University of Arkansas School of Architecture." Annual Conference of the Society of Architectural Historians Savannah, Georgia, April 28, 2006.
- Goodstein-Murphree, Ethel S., "Would Jesus Drive a Peterbilt?" Annual Conference of the Vernacular Architecture Forum, New York, New York, June 17, 2006.
- Herman, Gregory S., "Market Modular: Design/Civic Opportunities and Modular Construction." National Conference of the Western Social Science Association, Phoenix, Arizona, April 21, 2006.
- Sexton, Kim S., "From Sloth to Leisure: Framing Recreation in Late Medieval Urban Space." Southeast Society of Architectural Historians, Ft. Worth, Texas. October 13,

- 2005.
- Sexton, Kim S., "Mental Space and Renaissance Venice." Panel: "Revisiting the Renaissance City: Urban Experience and Transformation." Renaissance Society of America, San Francisco, California, March 23, 2006.
- Sexton, Kim S., "Public Architectures of Carolingian Power." Sewanee Medieval Colloquium at the University of the South, Sewanee, Tennessee. April 6, 2006.
- Smith, Korydon, "Comprehensive Design in Beginning Architectural Education: A New Paradigm", Paper presented at the National Conference on the Beginning Design Student, Iowa State University, Ames, IA, April 2006.
- Terry, Laura, "Painting the Literary Landscape," selected for presentation at the ACSA Southwest Conference, "Improvisations," University of Louisiana, Lafayette, October 2005 (conference cancelled due to Hurricane Katrina, proceedings to be published in May 2006).

Creative Work

- Beatty, Frances G., Dean Carolyn Allen residence, Fayetteville, Arkansas; fall 2005-spring 2006; design phase.
- Blackwell, Marlon, Pledger Residence Renovations, Fayetteville, AR, April 2006.
- Blackwell, Marlon, Glenn Meadows Development, Fayetteville, AR, May 2006.
- Blackwell, Marlon, Lochala Residence, Hot Springs, AR, January 2006.
- Blackwell, Marlon, Davidson Lofts, Fayetteville, AR, January 2006.
- Blackwell, Marlon, Nock Investments Tennant Fitout, Fayetteville, AR Sept 2005.
- Blackwell, Marlon, Blair Residence, Fayetteville, AR, August 2005.
- Blackwell, Marlon, Strawberry Plains Audubon Visitors Pavillion, Holly Springs, Mississippi.
- Blackwell, Marlon, Fehnel Art and Nature Center, Indianapolis, Indiana.
- Blackwell, Marlon, Gentry Public Library, Gentry, Arkansas.
- Blackwell, Marlon, The Fulbright Office Building, Fayetteville, Arkansas.
- Blackwell, Marlon, Blackwell Residence, Fayetteville, Arkansas.
- Blackwell, Marlon, Blessings Golf Clubhouse, Johnson, Arkansas, September 2005.
- Fields, Darell W., Limited Edition Modular Prototype Home, Fayetteville, AR/Superbia, LLC (design development).
- Fields, Darell W., Curator of Interdisciplinary Lectures: African American Studies, Fulbright College of Arts and Sciences and the Department of Architecture, University of Arkansas, Spring 2006. (Reviews: "Rebuilding lack in New Orleans

- and Elsewhere,” University of Arkansas Daily Headlines, March 1, 2006/
 “Rebuilding in the Aftermath of Katrina,” Candace Randle, Powerplay Magazine, May/June 2006.
- Fields Darell W., “UnNatural Violence: Urbanism in the Aftermath of Katrina, Milton Curry, Cornell University.
- Fields, Darell W., “Expanding the Black Atlantic Ties: Rethinking African American and African Studies in the Age of Globalization”, Fassil Demissie, DePaul University.
- Fields, Laurie, Quality Life Associates, Inc., Fayetteville, Arkansas, handicapped-accessible garden design. (built project).
- Fields, Laurie, Temple Shalom, Fayetteville, Arkansas, parking area and landscape design (conceptual design).
- 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 2006.
- Herman, Gregory S., Pro Bono consultant for new facility for Temple Shalom, Fayetteville, Arkansas (ongoing).
- Messadi, Tahar, Accoustical Consulting: Design Development of Acoustical Separations Applied to the New Multistory Meadow Place Condominium Building located at 509 W. Spring St., Fayetteville, Arkansas for Michael Sharp, Architect, Inc. (Under Construction)
- Smith, Korydon, Arkansas Proto-House, University of Arkansas Universal Design Project; design of affordable, accessible housing prototypes for the state of Arkansas, 2005.
- Smith, Korydon, Studio for Adaptable and Inclusive Design Project; design of website for dissemination of research and issues on affordable, accessible housing for the state of Arkansas, 2005.
- Terry, Laura, National juried Alumni Show, Alexander Gallery, Savannah College of Art and Design, November 2005. Paintings selected for exhibition included:
- “Victory Garden,” 24” x 24”, oil on panel, 2005* (Purchase Award for the SCAD Permanent Collection
 - Inside the Firefly Jar,” 36” x 36” , oil on panel, 2005
- Terry, Laura, “Reflowering the Garden: Women and Art, National Juried Exhibition in celebration of Women’s History Month, Mills Pond House Gallery, Smithtown township, New York, March 2006. Painting selected for inclusion: “Field of a Thousand Spritirs,” 36” x 36”, oil on panel, 2005.
- Terry, Laura, One Person Exhibition entitled “Following the Drinking Gourd,” Recent Paintings by Laura Terry, Julie Wait Fine Art Gallery, Rogers, Arkansas, May 2006. (exhibit included 16 recent paintings in oil on panel).

Landscape Architecture

“Winners: 2006 ASLA Awards”, *Landscape Architecture*, July 2006, pp 94- 109.

Matt McGowan, "Water Ways: Researchers Dream of Sculpting Streams", *Arkansas: The Magazine of the Arkansas Alumni Association, Inc.*, Spring 2006, pp 20-25.

Matt McGowan, "Water Ways: Researchers Dream of Sculpting Streams", *Research Frontiers: University of Arkansas*, Spring 2006, pp 18-23.

Alison Embrey, "Reinventing the Big Box", *Display and Design Ideas: DDI Magazine*, Volume 18, No 3, March 2006, pp 38-40.

Susanne Schindler, "Le Community Design aux Etats-Unis", *L'Architecture d'Aujourd'hui*, January-February 2006, No 362, pp 104-111.

Norbert Jungmichel, "Von Verantwortung und Gewinnstreben" *Marburger UniJournal Nr. 24, February 2006*, pp 52-53.

Laura Keech, "Arkansas AIA Design Awards", *The Design Book 2006*, supplement to *At Home in Arkansas Magazine*, 2006, p 7.

International Union of Architects, "A Highway Ecology", *A Celebration of Cities*, Rome: ICAR S.r.l. Unipersonale, 2005, p 31 and front cover.

"Unbuilt Architecture Awards", *Architecture Boston 2005: The Year in Review* (Boston: The Boston Society of Architects, 2005) pp 90-96.

"The Big Box Studio in the Community Design Center University of Arkansas School of Architecture", *The NCARB Prize for Creative Integration of Practice and Education in the Academy*, ed. Laura Redcay (Washington DC: National Council of Architectural Registration Boards, 2005) pp 8-9.

"UACDC Wins Again", *Arkansas: The Magazine of the Arkansas Alumni Association, Inc.*, Fall 2005, p 7.

"AIA Honors Awards: Riparian Meadows, Mounds and Rooms: Urban Greenway", James P. Cramer and Jennifer Evans Yankopolus, eds. *Almanac of Architecture & Design 2006/Seventh Edition*, Atlanta: The Greenway Group, Inc., 2005, p 44.

"ASLA Professional Awards: Clearings, Clusters, Cloisters: A Garden of Trees for Two Rivers Park", James P. Cramer and Jennifer Evans Yankopolus, eds. *Almanac of Architecture & Design 2006/Seventh Edition*, Atlanta: The Greenway Group, Inc., 2005, p 74.

"AIA Education Honors Award: Finding the Social In Big Box Retail", James P. Cramer and Jennifer Evans Yankopolus, eds. *Almanac of Architecture & Design 2006/Seventh Edition*, Atlanta: The Greenway Group, Inc., 2005, pp 482-483, 515.

“University Design Studio Wins National Acclaim”, *Arkansas: The Magazine of the Arkansas Alumni Association, Inc.*, Summer 2005, p 10.

Gary Hilderbrand, “Inner Strengths: Jurors for 2005 ASLA Professional Awards Find Substance Beneath Flash, Treasure Behind Tarnish”, *Landscape Architecture*, September 2005, pp 114-129.

Sam Lubell, “Is There Hope For the Big Box?”, *Architectural Record*, August 2005, pp 68-76.

CONFERENCES AND EXHIBITIONS

1) “Riparian Meadows, Mounds, and Rooms: Urban Greenway for Warren, Arkansas
Holcim Awards-North American Region: Boston, Massachusetts

“Emergent Organizations: A Garden of Trees for Two Rivers Park”
BSA 2005 Unbuilt Architecture Design Awards The Boston Society of Architects, The Architects
Building: Boston, Massachusetts

2) *Build Boston*, The Annual Building Industry Convention, World Trade Center: Boston,
Massachusetts

“Clearings, Clusters, and Cloisters: A Garden of Trees for Two Rivers Park”
ASLA 2005 Annual Meeting, American Society of Landscape Architects: Fort Lauderdale

“Corridor Contamination: Policy and Legal”
TrailLink 2005: International Trails & Greenways Conference
Rails-to-Trails Conservancy: Minneapolis, Minnesota

“Landscape Elements in Urban and Regional Design”
The Mayors’ Institute on City Design: University of California at Berkeley

2006 NCARB Prize Winners
“Thickening the Professional Knowledge Base: Developing Planning Models and Solutions for Our
State”
National Council of Architectural Registration Boards Annual Meeting: Washington, DC

“Campus Hydroscares: Watershed as a Planning Platform for Campus Improvements in the
University of Arkansas Athletic Valley”
Sixth Annual American Ecological Engineering Society: University of California at Berkeley

“Habitat Trails: from infill house to green neighborhood development”
Annual Meeting of the Environmental Design Research Association, Atlanta

“Habitat Trails: from infill house to green neighborhood development”
Sixth Annual American Ecological Engineering Society: University of California at Berkeley

“Habitat Trails: from infill house to green neighborhood development”
AIA Education Honors Awards
AIA 2006 National Convention and Design Expo, The American Institute of Architects: Los Angeles

Panelist: Special Session: Large Interdisciplinary Research Projects
94th Annual Conference of Association of Collegiate Schools of Architecture: Salt Lake City

Panelist: Transit-Oriented Development
The NWA Light Rail Transit System Public Forum: Rogers, Arkansas

Featured Speaker: Clearings, Clusters, and Cloisters: A Garden of Trees for Two Rivers Park
Arkansas Chapter American Society of Landscape Architects: Rogers, Arkansas

Keynote Speaker: Transportation and Community Design Footprints
Arkansas Chapter American Planning Association Annual Meeting: Bentonville, Arkansas

Panelist: Community Beautification
ACE Day 2005, Arkansas Community of Excellence
Arkansas Department of Economic Development: Little Rock

Fulbright College of Arts and Sciences

ANTHROPOLOGY

Books

Applegate, Darlene and **Robert C. Mainfort, Jr.** (eds), *Woodland Period Systematics in the Middle Ohio Valley*. University of Alabama Press, 2005.

Sabo, George, III and **Deborah L. Sabo** (eds), *Rock Art in Arkansas*, Arkansas Archeological Survey Popular Series No. 5, Fayetteville, AR (2005).

Striffler, Steve. *Chicken: The Dangerous Transformation of America's Favorite Food*. Yale University Press. 2005.

Chapters

Kvamme, Kenneth L. (2005). Terrestrial Remote Sensing in Archaeology, In *Handbook of Archaeological Methods, Vol. 1*, H. Maschner and C. Chippendale, eds., AltaMira Press, Lanham, Maryland, pp. 423-477.

Kvamme, Kenneth L. (2006). There and Back Again: Revisiting Archaeological Location Modeling, In *GIS and Archaeological Predictive Modeling*, M.W. Mehrer and K. Wescott, eds., CRC Press, New York, pp. 5-47.

Kvamme, Kenneth L., Jay K. Johnson and Bryan S. Haley (2006). Multiple Methods Surveys: Case Studies, In *Remote Sensing in Archaeology: An Explicitly North American Perspective*, Jay K. Johnson, ed., University of Alabama Press, Tuscaloosa, pp. 251-268.

Kvamme, Kenneth L., (2006). Magnetometry: Nature's Gift to Archaeology, In *Remote Sensing in Archaeology: An Explicitly North American Perspective*, Jay K. Johnson, ed., University of Alabama press, Tuscaloosa, pp. 205-234.

Kvamme, Kenneth L., (2006). Data Processing and Presentation, In *Remote Sensing in Archaeology: An Explicitly North American Perspective*, Jay K. Johnson, ed., University of Alabama press, Tuscaloosa, pp. 235-250.

Mainfort, Robert C., Jr. Some comments on Woodland taxonomy in the middle Ohio valley. In *Woodland Period Systematics in the Middle Ohio Valley*, edited by D. Applegate and R. C. Mainfort, Jr., pp. 221-230, 2005. University of Alabama Press.

Nolan, Justin M. 2006. Cognitive Ethnobiology. Chapter 4 in *Ethnobiology*, edited by J. R. Stepp, in Encyclopedia of Life Support Systems (EOLSS), Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford ,UK.

Nolan, Justin M. and **Mary Jo Schneider.** 2006. Miracles in the Mountains: Medical Tourism in Rural Arkansas' Ozark and Ouachita Mountains. In *Reimagining and Sustaining Communities in a Globalizing World*, edited by Betty J. Duggan and Steven Folmar. Athens: University of Georgia Press.

Nolan, Justin M. 2006. Ethnoecology. In *The Encyclopedia of Anthropology*, edited by H. James Birx. Thousand Oaks, CA: Sage Publications.

Nolan, Justin M. 2006. Cultural Conservation. In *The Encyclopedia of Anthropology*, edited by H. James Birx. Thousand Oaks, CA: Sage Publications.

Robbins, Michael C. and **Justin M. Nolan.** 2006. What's Old is New Again: Cultural Change in Hunting and Fishing in Missouri and Arkansas. In *Cultural Analysis and the Navigation of Complexity: A Festschrift in Honor of Luther P. Gerlach*, edited by Lisa Brandt. University Press of America, Lanham, MD.

Plavcan, J. Michael, van Schaik, Carel P., and McGraw, William S. (2005) Seasonality, social organization, and sexual dimorphism in primates. In: (Brockman, D. and van Schaik, C. P., eds.) *Seasonality in Primates*, pp. 401-441. Cambridge University Press, Cambridge.

Striffler, Steve. *Undercover in a Chicken Factory*, in *Globalization: The Transformation of Social Worlds*, edited by D. Stanley Eitzen and Maxine Baca Zinn. Wadsworth. 2006.

Sabo, George, III (2005). Dancing into the Past: Colonial Legacies in Modern Caddo Indian

Ceremony. In *A Whole Country in Commotion: The Louisiana Purchase and the American Southwest*, edited by **Patrick G. Williams**, **S. Charles Bolton**, and **Jeannie M. Whyne** (pp. 149-168). The University of Arkansas Press, Fayetteville.

Refereed Articles

Kvamme, Kenneth L. (2006). Integrating Multidimensional Geophysical Data. *Archaeological Prospection* 13:57-72.

Kvamme, Kenneth L., Eileen G. Ernenwein and Christine J Markussen (2006). Robotic Total Station for Microtopographic Mapping: an Example from the Northern Great Plains. *Archaeological Prospection* 13:91-102.

Mainfort, Robert C., Jr. A *k*-means analysis of late period ceramic variation in the Central Mississippi Valley. *Southeastern Archaeology* 24(1):59-69, 2005.

Mainfort, Robert C., Jr. Architecture at Upper Nodena: Structures excavated by Dr. James K. Hampson. *Arkansas Archeologist* 44: 21-30, 2005.

Merceron, Gildas and **Peter S. Ungar**. Dental microwear and palaeoecology of bovids from the early Pliocene of Langebaanweg, Cape Province, South Africa. *South African Journal of Science*, 101: 265-270, 2005.

Nolan, Justin M., Katlin E. Jones, K. Wade McDougal, Matthew J. McFarlin, and Michael K. Ward. 2006. The Lovable, The Loathsome, and the Liminal: Emotionality in Ethnozoological Cognition. *Journal of Ethnobiology* 26(1).

Nolan, Justin M. and **Mary Jo Schneider**. 2006. Found a Cure: Accessibility of Traditional and Conventional Medical Resources in the Arkansas Ozarks. *Journal of Ethnobiology and Ethnomedicine*. 2(1).

Plavcan, J. Michael, Lockwood, Charles L., Kimbel, William H., Lague, Michael R. and Harmon, Elizabeth H. 2005. Sexual dimorphism in *Australopithecus afarensis* revisited: how strong is the case for a human-like pattern of dimorphism? *Human Evolution*. 48: 313-320.

Ann Shortridge and **George Sabo III**. Exploring the Potential of Web-Based Social Process Experiential Simulations. *Journal of Educational Multimedia and Hypermedia* (2005) 14(4): 375-390.

Schubert, Blaine W. and **Peter.S. Ungar**. Reflecting on their bite: wear facets and occlusal relationships in tyrannosaurids *Acta Palaeontologica Polonica*, 50: 93-99, 2005.

Scott, R.S.; Ungar, P.S.; Bergstrom, T.S.; Brown, C.A.; Grine, F.E.; Teaford, M.F.; Walker, A.

Dental microwear texture analysis reflects diets of living primates and fossil hominins. *Nature*, 436: 693-695, 2005.

Teaford, M.F.; Lucas, P.W.; **Ungar, P.S.**; Glander, K.E. Mechanical defenses in leaves eaten by Costa Rican Howling Monkeys (*Alouatta palliata*). *American Journal Of Physical Anthropology*, 129:99-104, 2005.

Ungar, Peter S. Reproductive fitness and tooth wear: Milking as much as possible out of dental topographic analysis. *Proceedings Of The National Academy Of Sciences, USA*, 102:16533-16534, 2005.

Ungar, Peter S. Dental evidence for the diets of fossil primates from Rudabánya, northeastern Hungary with comments on extant primate analogs and “noncompetitive” sympatry. *Palaeontographia Italica*, 90:97-111, 2005.

Ungar, P.S.; Grine, F.E.; Teaford, M.F.; El-Zaatari, S. Dental microwear and diets of African early *Homo*. *Journal Of Human Evolution*, 50:78-95, 2006.

Vogel, Gregory, Marvin Kay, and Louis Vogele, Jr. 2005. A Platform Mound at the Norman Site (34WG2), Eastern Oklahoma. *Southeastern Archaeology* 24(1):28-45.

Non-refereed Articles and Reports

El-Najjar, Mahmoud, **Rose, J. C.**, Turshan, N., **Burke, D. L.** 2004 Preliminary report on the 2003 field season at Ya'amun. *Newsletter of the Faculty of Archaeology and Anthropology*, Yarmouk University 26:5-7.

Kay, Marvin and Jason Herrmann,
2005a *Archaeological Predictive Modeling of Land Use at Pea Ridge National Military Park, Arkansas and Wilson's Creek Historic Battlefield, Missouri*. Report to U.S. Department of Interior, National Park Service, Midwest Archeological Center, for Cooperative Agreement No. H6115040033. Lincoln, NE.

2005b *Pea Ridge National Military Park, Benton County, Arkansas, Printed Field Survey Forms, 2001-2004*. Report to U.S. Department of Interior, National Park Service, Midwest Archeological Center, for Cooperative Agreement No. CA611500047. Lincoln, NE.

2005c *Pea Ridge National Military Park, Benton County, Arkansas, Preliminary Printouts and Data Inventory, 2001-2004*. Report to U.S. Department of Interior, National Park Service, Midwest Archeological Center, for Cooperative Agreement No. CA611500047. Lincoln, NE.

2005d *Wilson's Creek National Battlefield, Christian and Green Counties, Missouri, Printed Field Survey Forms, 2001-2004*. Report to U.S. Department of Interior, National Park Service, Midwest Archeological Center, for Cooperative Agreement No. CA611500047. Lincoln, NE.

Kvamme, Kenneth L. (2005). *Report of Geophysical Investigations at Mount Olive Cemetery, Benton County, Arkansas*. Submitted to Engineering Design Associates, Springdale, Arkansas.

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Kvamme, Kenneth L., Eileen Ernenwein, Michael Hargrave, Thomas Sever, Deborah Harmon, Fred Limp (2006). New Approaches to the Use and Integration of Multi-sensor Remote Sensing for Historic Resource Identification and Evaluation (DERDP) Project CS-1263). Submitted to the Strategic Environmental Research and Development Program, Department of Defense, Washington, D.C.

Plavcan, J. Michael (2005) Book Review: Sexual Selection by Clara B. Jones (ed). American Journal of Physical Anthropology. 128: 232-234.

Plavcan, J. Michael (2005) Book Review: The Skull of Australopithecus afarensis by William H. Kimbel, Yoel Rak, and Donald C. Johanson. J. Hum. Biol.

Rose, J.C. (2005) Book Review: C. A. Roberts and J. E. Buikstra The Bioarchaeology of Tuberculosis: A Global View on a Reemerging Disease. *Journal of Field Archaeology* 30:109-110.

Rose, J.C., D.L. Burke, M. El-Najjar, and N. Turshan 2005 Ya'amun. *American Journal of Archaeology* 109:534-535.

Rose, Jerome C. and Dolores L. Burke 2004 (published 2005) Making money from buried treasure. *Culture Without Context*. 14:4-8.

Sabo, George, III. Studying Rock Art in Arkansas Provides Clues about Ancient Cosmologies. *Anthropology News*, vol. 46, no. 5 (May, 2005), p. 25.

Invited Lectures

Kvamme, Kenneth L. (November, 2005). "Integrating Geophysics with GIS." Indo-US Science and Technology Forum Workshop on Digital Archaeology: A New Paradigm for Visualizing the Past through Computing and Information Technology, Mussoorie, Uttaranchal, India.

Kvamme, Kenneth L. (April, 2006). "Ground-penetrating Radar and Related Prospecting Technologies in Historic Archaeological Sites." Invited presentation in the Fourth Annual Deadwood Historic Preservation Symposium, Deadwood, South Dakota.

Nolan, Justin M. Medical Ethnobotany in the Ozarks: The Search for Healing Flora. Invited lecture to the Biology Department, Seminar in Economic Botany, University of Central Arkansas, Conway, AR.

Plavcan, J. Michael gave a series of lectures on “Intelligent Design” creationism for Sigma Xi, the Department of Physics, The ACLU, the University of Arkansas Fort Smith, and the local “Fayetteville Free Thinkers.” This latter presentation was taped and televised several times this spring on local Cable Television.

Rose, Jerome C. 2006 Mystery and Detective Fiction: Special Session: Intersections between Fact and Fiction in Crime Novels about Forensics, with Jerry Rose. 2006 Joint Conference of the National Popular Culture and American Culture Associations. Atlanta, GA, 12-15 April. (Invited and expenses paid).

Sabo, George, III. Invited participant in the 2006 Mississippian Iconography Conference at Texas State University (March 31 – June 4, 2006).

Sabo, George, III. The Southeastern Ceremonial Complex and Caddo History. Invited lecture presented at the Caddo History and Culture Symposium, Caddo Tribal Complex, Binger, OK, November 5, 2005. [Honorarium paid and donated back to the Caddo Nation Taysa fund.]

Sabo, George, III. Rock Art and the Study of Ancient Religions in Southeastern North America. Invited paper presented at the Twenty-Third Annual Visiting Scholar Conference (Religion in the Material World: A Conference on the Archaeology of Religion), Southern Illinois University – Carbondale, March 31 – April 1, 2006.

Seeman, Mark F. and **Robert C. Mainfort, Jr.** (Co-organizers and chairs) “The Hopewell Time/Space Continuum.” Workshop held at the Boonshoft Museum of Discovery, Dayton, Ohio (2005)

Striffler, Steve. “Big Chicken, Latino Immigration and the Transformation of Class: A View from Tyson Country (Arkansas), at The New Latino Immigration to Tennessee, March 2006. We paid airfare, they paid hotel, food, and \$500 honorarium.

Swedenburg, Ted. “Rock'n'Roll, Feminists, and Gay Pickups in Yusuf Chahine's *Cairo Station.* Invited lecture, Tennessee Tech University, February 24, 2006.

Swedenburg, Ted. “Rai Music in France,” at workshop on “Sounds from la cité: Franco-Maghrebi Music,” sponsored by Middle Eastern Studies Student Association, Center for International Studies Norman Wait Harris Fund, and International House Global Voices Program, University of Chicago, 6 October, 2005

Swedenburg, Ted. Lecture on current conditions in the Middle East and lecture on US foreign policy in the Middle East. Conference on Current Political Issues in the Middle East. UALR, April 17, 2006.

Ungar, Peter S. *Dental evidence for the origin and evolution of human diet.* Presented in the special symposium “Better Nutrition for a Better World: Origin and Evolution of the Modern Human Diet” at the annual meeting of the American Association for the Advancement of Science, Washington, DC, 2005.

Ungar, Peter S. *Dental topographic analysis and diets of early hominins.* Presented at “Dental perspectives on human evolution: State of the art research in dental anthropology”, a conference hosted by the Department of Human Evolution at the Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, 2005.

Ungar, Peter S. *Diet and paleoecology of early hominins.* Presented at “Paleoclimates and Human Evolution: A workshop on integrating continental drilling research with paleoanthropology and other geological record”. Front Royal, Virginia, 2005.

Ungar, Peter S. *Dental evidence for the origin and evolution of human diet.* Lecture on Evolution of the Human Diet to the Northwest Arkansas Dietetic Association, 2005.

Ungar, Peter S. *Microwear texture analysis of Australopithecus afarensis and early Homo from the Plio-Pleistocene of Africa.* Presented at African Genesis: A Symposium on Hominid Evolution in Africa. Johannesburg, South Africa, 2006.

Ungar, Peter S. *Dental evidence for diets of early hominins.* Southern Illinois University, Carbondale, Illinois, 2006.

Other Lectures, Papers and Oral Presentations

Erickson, Kirstin. Book Presentation and Discussion at Jones Center for Families (Springdale, AR) “Esperanza: Hope and Waiting in the House on Mango Street”

Goodmaster, Christopher, and **Kenneth L. Kvamme.** “Geophysical Investigations at 130B8: An Initial Variant Village Site in Northwestern Iowa.” Paper and poster presented at the 63rd Plains Anthropological Conference, Edmonton, Alberta October 2005.

Goodmaster, Christopher, and **Kenneth L. Kvamme** “Geophysical Geophysical Survey Results at the Double Ditch Site, Iowa.” Iowa Academy of Sciences meeting, Ames, April, 2006.

Kay, Marvin and Leland C. Bement. Taphonomy and use-wear of Clovis and Folsom points from Jake Bluff and Cooper sites, Oklahoma. 63rd Plains Anthropological Conference. Edmonton, Alberta, Canada. October 20, 2005.

Kay, Marvin. Mortuary symbolism of the Harlan-style charnel house. Arkansas Archeological Society, Fort Smith Chapter. January, 2006.

Kay, Marvin. It’s the water, Stupid! Why people were where they were. Society for American Archaeology 71st Annual Meeting. April 29, 2006 San Juan, Puerto Rico.

Kvamme, Kenneth L. “Four Years of Geophysical and Other Investigations at the Double

Ditch State Historic Site, North Dakota.” Computer Applications and Quantitative Methods in Archaeology Annual Meeting, April, 2006, Fargo, North Dakota, April, 2006.

Kvamme, Kenneth L. co-organized a symposium entitled “Geophysical Applications and Advances in North American Archaeology,” with Rinita Dalan (Department of Anthropology & Earth Sciences, Moorhead State University, Minnesota), at the Computer Applications and Quantitative Methods in Archaeology Annual Meeting (CAA), Fargo, North Dakota (April). The symposium included 15 presentations.

Lockwood, C. L. and **Plavcan, J. M.** Patterns of sexual dimorphism in the facial skeleton of fossil hominins. *American Journal Physical Anthropology*. Supp. 38. pp. 139-140. Paper presented at the Annual Meeting of the American Association of Physical Anthropology, March 2006.

Mainfort, Robert C., Jr. Guest Curator for *Sam Dellinger: Raiders of the Lost Arkansas* exhibit on the legacy of Samuel Dellinger. Old State House Museum, Little Rock.

Mancabelli, Andrew D. and **Justin M. Nolan.** Medical Ethnobotany in Japan: The Conservation of Traditional Health Beliefs. Paper presented at the 29th Annual Meetings of the Society for Ethnobiology, Penn State University, 2006.

Mitchell, Mark, Stanley A. Ahler, **Kenneth L. Kvamme**, Fern E. Swenson. "Integrated Geophysical Surveys and Test Excavations Provide New Information on Settlement Plan and Chronology for Boley Village, North Dakota." Paper presented at the 63rd plains Anthropological Conference, Edmonton, Alberta, October 2005.

Nolan, Justin M., Shawna Cain, Roger Cain, and Carl F. Keller III. Reconnecting Community, Culture, and Landscape among the Western Cherokee. Paper presented at the 29th Annual Meetings of the Society for Ethnobiology, Penn State University, 2006.

Nolan, Justin M. and **Carl F. Keller III.** Campfires, Cathedrals, and Casinos: Sociodemographic Variation and Perceptions of Tourist Destinations. Paper presented at the 2nd Annual Meetings of the Society for Anthropological Sciences, Savannah, GA., 2006.

Plavcan, J. M. and Lockwood, C.L. Inferring hominin behavior from dimorphism in a phylogenetic context. *Am. J. Phys. Anthropology*. Supp. 38. pp. 166. Paper presented at the Annual Meeting of the American Association of Physical Anthropology, March 2006.

Plavcan, J. M. and Ruff, C. B. Canine size and strength in primates and carnivores. Paper presented at the Annual Meeting of the American Association of Physical Anthropology, March 2006.

Rose, Jerome C. and **Dolores L. Burke.** Excavations at Ya'amun, North Jordan. Annual

Meeting of the American Schools of Oriental Research, Philadelphia, PA, 16-19 November, 2005.

Rose, Jerome C. Paleopathology of the commoners At Tell Amarna, Egypt, Akhenaten's Capital City. Annual Meeting of the Paleopathology Association, Anchorage, AK, 7-8 March, 2006.

Sabo, George, III. Origins and Evolution of Pre-Contact Southeastern Indian Art. Southeastern College Art Conference Annual Meeting, Little Rock, AR, October 26-29, 2005.

Sabo, George, III. Southeastern Ceremonial Complex Legacies in Osage and Quapaw Cultures. Paper presented at the American Society for Ethnohistory Annual Meeting, Santa Fe, NM, November 16-20, 2005.

Swedenburg, Ted. "Back It Up Baby: Peaches Queers Straight Sex." Annual Meetings of the Canadian Anthropology Society, Montreal, May 10, 2006.

Ungar, Peter S. *The role of fallback resources in human evolution.* Presented at the first annual meeting of ARKUMO Regional Paleoanthropology Society, Columbia, Missouri, 2005.

Ungar, P.S.; Scott, R.S.; Brown, C.A.; Childs, B.A.; Bergstrom, T.S.; Teaford, M.F.; Walker, A. Dental microwear texture analysis of primate molar wear facets. Annual Meeting of the American Association of Physical Anthropologists, March 2006.

Wilmerding, Elizabeth G. and **Marvin Kay.** Continuity and Change in Lithic Debitage and Artifacts Over Time at Two Sites on Clam Lagoon, Adak Island, Alaska. Paper presented at Alaska Anthropological Association annual meeting March 2006, Kodiak Island, Alaska.

ART

Books

Harington, Donald, The Pitcher Shower, The Toby Press, 2005.

_____. Reprints of 3 novels (Lightning Bug, The Choring of the Trees and When Angels Rest), The Toby Press, 2005.

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

Chapters

Jacobs, Lynn F., "Fabrication et modes de production," Miroirs du Sacré: Les Retables sculptés à Bruxelles (Xve-XVIe siècles), (Brussels, CFC-Editions, 2005), chapter 2, 35-53.

Refereed Articles/Papers

Jacobs, Lynn F., "The Miraculous Threshold in Hugo van de Goes' Portinari Altarpiece," Tributes in Honor of James H. Marrow (Turnhout, Brepols, 2006), 261-270.

Unrefereed Publications and Proceedings

Harington, Donald, "The Witness of Hummingbirds," Cloar: The Autobiography of an American Artist, Oxford American, Fall 2005.

_____, "An Ode to Chicken and Dumplings," The Oxford American, 2005

_____. "Character wanders, lost in digressions," review of T.R. Pearson's Glad News of the Natural World, The Atlanta Journal-Constitution, 2005

_____, "T.R. Pearson returns to his N.C. roots," review of T. R. Pearson's Glad News of the Natural World, Raleigh News and Observer, 2005

_____, "Portrait of a famous painting," review of Steven Biehl, American Gothic: A Life of America's Most Famous Painting, Raleigh News and Observer, 2005

_____, "Study of U.S. painting creates captivating read," review of Steven Biehl, American Gothic, Atlanta Journal-Constitution, 2005

_____, "The World's Most wanted painting," review of Edward Dolnick, The Rescue Artist: A True Story of Art, Thieves and the Hunt for a Missing Masterpiece, Raleigh News and Observer, 2005

_____, "A new spin on Elvis," review of Diane Thomas, The Year the Music Changed, Atlanta Journal-Constitution, 2005

_____, "Novel shed new light on Elvis Presley," review of Diane Thomas, The Year the Music Changed, Raleigh News and Observer, 2005

_____, "Ground Zero Eros," review of Jay McInerney's The Good Life, Paste Magazine, 2005.

Jacobs, Lynn F., "Should Professors Be Talking More (or Less) About Grading?" co-authored with Jeremy S. Hyman, Inside Higher Education, May 4, 2006

_____, "The Integrated Scholar – Spotted at the Faculty Exhibition of the University of Arkansas' Department of Art," All Things Academic 7 (1), March, 2006.

La Porte, Angela, "Committee on lifelong learning," in NAEA News 47 (2005), 17; 48: 1 (2006), 16; 48:2 (2006), 17; 48:3 (2006), 17.

Lawler, Nan, "Will Lighton (1866-1923), Encyclopedia of Arkansas History and Culture (<http://www.encyclopediaofarkansas.net>)

Invited Lectures

Hapgood, Thomas,
"RIFD: Extreme Personalization," University of Arizona Summerfest Distinguished Lecturer Series, May, 2006

_____, "Teaching Design in a Web 2.0 World," New Media Consortium Conference, June 2006

Peven, Michael, Visiting Artist Lecture, Southern Illinois University, Carbondale, IL

Other Lectures, Papers, and Oral Presentations

Harrington, Donald, readings and signings of The Pitcher Shower at Southeast Booksellers Association, Winston-Salem, N.C., Sept 17; Barnes and Noble, Fayetteville, Sept. 24; Southern Book Festival, Nashville, TN, Oct. 8; Sow's Ear Books, Berryville, AR, Oct. 15; Newton County Public Library, Oct. 22; Barnes and Noble, New York City, Dec. 8, 2005.

_____, Speech at exhibition of Carroll Cloar paintings at Nadine Baum Studios, Walton Arts Center, Nov. 10, 2005.

Hulen, Jeannie, slide lecture on work at Pratt at Munson Williams Proctor Art Institute, Utica, New York, 2005

La Porte, Angela, and Young, B., "Factors Influencing Art Curriculum," National Art Education Association Conference, Spring 2006.

_____, and Greenberg, P. Et al, "Monologues on lifelong learning and aging," National Art Education Association Conference, Spring 2006

Peven, Michael, "Photography and the Road," MidWest/South Central SPE Conference, St. Louis, 2005.

Creative Endeavors (note that all the faculty participated in the U of A Faculty Show and it is not listed under each individual)

Golden, Jackie

"Delta Exhibition," Arkansas Arts Center, Little Rock, May 13-17, 2005

"Snap to Grid," international exhibition, L.A. Center for Digital Art, Los Angeles, CA, Sept. 2005.

Watercolor USA, 2006

Hapgood, Thomas

"Ideas," exhibition at International Digital Media and Arts Association Conference, April 2006.

Hulen, Jeannie

"bi products," solo exhibit, Race Street Gallery at the Urban Institute for Contemporary Arts, Grand Rapids, May 2006

"bi products," solo exhibit, Zone Gallery, Kansas City, October, 2005

"Hot Stuff/Clay tigers: LSU Ceramics 1970-2005," Signature Shop, Atlanta, April 2005

"LSU Ceramics 1970-2005 Alumni Show," Louisiana State University, Shaw Center for the Arts Gallery, May 2005

La Porte, Angela

"In Response to Healing," international traveling exhibit, 2006-2007.

Musgnug, Kristin

Inman Gallery Art Fair, December 2005

"Observations and Fabrications," group exhibition, Southern Illinois University, Edwardsville University, March 2006.

"Twentieth Anniversary of the Arkansas Arts Fellowship Program Exhibition," Arkansas Arts Center Decorative Museum, May 2006.

Nelson, Marilyn:

"Los Angeles Printmaking Society 18th National Exhibition," Armory Center for the Arts, Pasadena, CA, September 2005.

"The Flotsam and Jetsam of Memory," solo exhibition, Krover Art Center, Northwestern College, Orange IA, 2006

"Sumei International Print Exhibition," international juried, Sume Multidisciplinary Arts, Newark, NJ, 2006

"Carved, Etched and Pulled: Stories, Symbols and Self," national group exhibit, Lincoln Center Gallery, Fort Collins, CO, 2006

"Janet Turner Print Museum 6th National Print Exhibition," national juried group exhibition, Janet Turner Print Museum, CSU, Chico, CA, 2006.

Newman, John

"Water colors, prints and drawings in response to Katrina," Mullins Library, 2006.

“Other Side of the Fence,” University of Tennessee, Knoxville, March 2006.

Peven, Michael

“Crossroads,” Nicholls State University, Thibodaux, LA, Sept. 2005.

“Exploring Sight: Young Photographers of the 1970s,” Amon Carter Museum, 2006

“20th Anniversary Fellowship Exhibit,” Arkansas Arts Council, Little Rock, AR, 2006

Adjunct Faculty exhibitions;

Deemer, Ryan

“Providential - New Emerging Artists,” Brooklyn NY, 2006

“Look...Listen..Be...” solo exhibition, Hendrix College, 2006

Jones, Joanne

“19th Annual Small Works on Paper,” Arkansas Artist’s Registry, touring exhibition, 2006

BIOLOGICAL SCIENCES

Comprehensive Bibliographic Listing for the Faculty and Students of the Department of Biological Sciences during Fiscal Year 2005 – 2006

BOOKS

Gentry, Johnnie

Gentry, J. 2006. Checklist of the Vascular Plants of Arkansas. University of Arkansas Herbarium.

Smith, Kimberly G.

Beissinger, S. R., J. R. Walters, D. G. Catanzaro, K. G. Smith, J. B. Dunning, Jr., S. M. Haig, B. R. Noon, and B. M. Smith. 2006. Modeling approached in avian conservation and the role of field biologists. Ornithological Monographs, no.59.

CHAPTERS

Brown, Arthur

Brown, A. V., K. B. Brown, D. C. Jackson, and W. K. Pierson. 2005. Lower Mississippi River and its tributaries. Pages 231-281 *in* Rivers of North America. A. C. Benke and C. E. Cushing (eds.). Elsevier Academic Press. Amsterdam.

Smith, Kimberly G.

Smith, K. G. 2006. Conservation and management of endangered bats of the United States: Lessons learned. Pages 19-29. *in* International Seminar on the Conservation and Management of Endangered Bats. Environmental Agency for Yeongsan River, Gwangju, South Korea.

Stevenson, Steven

Buchanan, P. K., R. E. Beever, D. J. Galloway, T. R. Glare, P. R. Johnston, E. H. C. McKenzie, M. E. di Menna, S. R. Pennycook, G. S. Ridley, J. M. B. Smith, and S. L. Stephenson. 2005. The Fungi of New Zealand—An Introduction. Pages 1-48 in Introduction to Fungi of New Zealand. Fungi of New Zealand Vol. 1. E. H. C. McKenzie (ed.). Fungal Diversity Research Series 14.

Stephenson, S. L. 2006. Fungi. Pages 65-67 in Encyclopedia of Appalachia. R. Abramson and J. Hasketll (eds.). The University of Tennessee Press, Knoxville

REFEREED PUBLICATIONS**Brown, Arthur**

Radwell, A. J. and A. V. Brown. 2005. Influence of fine sediments on meiofauna colonization densities in artificial stream channels. Archiv für Hydrobiologie 165:63-77.

Etges, William J.

Oliveira, D. C. S. G, P. M. O'Grady, W. J. Etges, W. B. Heed, and R. DeSalle. 2005. Molecular systematics and geographical distribution of the *Drosophila longicornis* species complex (Diptera: Drosophilidae). Zootaxa 1069:1-32.

Funk, D. J., P. Nosil, and W. J. Etges. 2006. Ecological divergence exhibits consistently positive associations with reproductive isolation across disparate taxa. Proceedings of the National Academy of Sciences (USA) 103:3209-3214.

Henry, Ralph

Sivaraja, V., T. K. S. Kumar, P. S. T. Leena, A. Chang, C. Vidya, R. L. Goforth, D. Rajalingam, K. Arvind, J. Ye, J. Chou, R. Henry, and C. Yu. 2005. Three-dimensional solution structures of the chromo domains of cpSRP43. Journal of Biological Chemistry 280(50):41465-71.

James, Douglas A.

Holimon, W. C., R. H. Doster, D. A. James, J. C. Neal and W. M. Shephard. 2004. First documentation that Henslow's Sparrow regularly winters and breeds in Arkansas. Journal of the Arkansas Academy of Sciences 57:111-116.

Kral, Timothy A.

Moran, M, J. D. Miller, T. Kral and D. Scott. 2005. Desert methane: Implications for life detection on Mars. Icarus 178:277-280.

Krementz, David G.

Lehnen, S. E., and D. G. Krementz. 2005. Turnover rates of fall migrating pectoral sandpipers through the lower Mississippi alluvial Valley. Journal of Wildlife Management 69:671-

680.

- Powell, L. A., J. D. Lang, D. G. Krementz, and M. J. Conroy. 2005. Using radio telemetry to reduce bias in nest searching. *Journal of Field Ornithology* 76:274-278.
- Thatcher, B. S., D. G. Krementz, and M. Woodrey. 2006. Henslow's Sparrow winter survival estimates and response to prescribed burning. *Journal of Wildlife Management* 70:198-206.
- Clifton, A., and D. G. Krementz. 2006. Estimating numbers of Greater Prairie-chickens using mark-resight techniques. *Journal of Wildlife Management* 70:479-484.

Magoulick, Daniel D.

- Flinders, C.A. and D.D. Magoulick. 2005. Distribution, habitat use and life history of stream-dwelling crayfish in the Spring River drainage of Arkansas and Missouri with a focus on the Mammoth Spring crayfish (*Orconectes marchandi*). *American Midland Naturalist* 154:358-374.

McNabb, David

- McNabb, D. S., R. M. Reed, and R.A. Marciniak. 2005. A dual luciferase assay system for the rapid assessment of gene expression in *Saccharomyces cerevisiae*. *Eukaryotic Cell* 4:1539-1549.
- Johnson, D. C., K. E. Cano, E. C. Kroger, and D. S. McNabb. 2005. Identification of a novel function for the CCAAT-binding factor in *Candida albicans*. *Eukaryotic Cell* 4:1662-1676.
- Fologea, D., J. Uplinger, B. Thomas, D. S. McNabb, and J. Li. 2005. Slowing DNA translocation in a solid state nanopore. *Nanoletters* 5:1734-1737.
- Fologea, D., M. Gershow, B. Ledden, D.S. McNabb, J.A. Golovchenko, and J. Li. 2005. Detecting pH denatured DNA with a solid state nanopore. *Nanoletters* 5:1905-1909.
- McNabb, D.S. and I. Pinto. 2005. Assembly of the Hap2p/Hap3p/Hap4p/Hap5p-DNA complex in *Saccharomyces cerevisiae*. *Eukaryotic Cell* 4:1829-1839.

Pinto, Ines

- McNabb, D. S. and I. Pinto. 2005. Assembly of the Hap2/3/4/5p complex in *Saccharomyces cerevisiae*. *Eukaryotic Cell* 4:1829-1839.

Smith, Kimberly G.

- Walter, W. D., D. M. Leslie, Jr., J. H. Herner-Thogmartin, K. G. Smith, and M. E. Cartwright. 2005. Efficacy of immobilizing free-ranging elk with Telazol® and xylazine hydrochloride using transmitter-equipped darts. *Journal of Wildlife Diseases* 41:395-400.
- Spurrier, S. E., and K. G. Smith. 2006. Watering blue palo verde (*Cercidium floridum*) affects berry maturation of parasitic desert mistletoe (*Phoradendron californicum*) during an extreme drought in the Mojave Desert. *Journal of Arid Environments* 64:369-373.
- English, L. D., J. J. English, R. N. Dukes, and K. G. Smith. 2006. Timing of 13-year periodical cicada (Homoptera: Cicadidae) emergence determined 9 months prior to emergence. *Environmental Entomology* 35:245-248.

Spiegel, Frederick W.

- Adl, M.S., A.G.B. Simpson, M.A. Farmer, R.A. Andersen, R.O. Andersen, J. Barta, S. Bowser, G. Brugerolle, R. Fensome, S. Fredericq, T.Y. James, S. Karpov, P. Kugrens, J. Krug, C. Lane, L.A. Lewis, J. Lodge, D.H. Lynn, D. Mann, R.M. McCourt, L. Mendoza, O. Moestrup, S.E. Mozeley-Strandridge, T.A. Nerad, C. Shearer, F. Spiegel, and M.F.R.J. Taylor. 2005. The new higher level classification of eukaryotes and taxonomy of protists. *Journal of Eukaryotic Microbiology* 52:399-451.
- Tesmer, J., B. Rulik, F. W. Spiegel, J. Shadwick, and M. Schnittler. 2005. Protostelids from German beech forests. *Mycological Progress* 4:266-271.

Stephenson, Steven

- Cavender, J. C., E. Vadell, J. C. Landolt, and S. L. Stephenson. 2005. New species of small dictyostelids from the Great Smoky Mountains National Park. *Mycologia* 97:493-512.
- Rentch, J. S., R. H. Fortney, S. L. Stephenson, H. S. Adams, W. N. Grafton, and J. T. Anderson. 2005. Vegetation-site relationships of roadside plant communities in West Virginia, U.S.A. *Journal of Applied Ecology and Environmental Management* 42:129-138.
- Fortney, R. H., S. L. Stephenson, J. S. Rentch, W. N. Grafton, H. S. Adams, R. B. Coxe, and H. H. Mills. 2005. Vegetation patterns within the lower Bluestone River Gorge in southern West Virginia. *Castanea* 70:184-203.
- Vasilyeva, L. N., and S. L. Stephenson. 2005. Pyrenomycetes of the Great Smoky Mountains National Park. II. *Diatrypella* (Ces et de Not.) Nitschke and *Cryptovalsa* Ces et De Not. (Diatrypaceae). *Fungal Diversity* 19:189-200.
- Vasilyeva, L. N., and S. L. Stephenson. 2006. Pyrenomycetes of the Great Smoky Mountains National Park. III. *Cryptosphaeria* Ces. et De Not., *Eutypa* Tul. et C. Tul., and *Eutypella* (Nitschke) Sacc. (Diatrypaceae). *Fungal Diversity* 22:243-254.
- Tran, H. T. M., S. L. Stephenson, K. D. Hyde, and O. Mongkolporn. 2006. Distribution and occurrence of myxomycetes in tropical forests of northern Thailand. *Fungal Diversity* 22:227-242.
- Landolt, J. C., S. L. Stephenson, and M. E. Slay. 2006. Dictyostelid cellular slime molds from caves. *Cave and Karst Journal* 68:22-26
- Fortney, R. H., and S. L. Stephenson (eds.). 2006. Wetlands Symposium. Proceedings of the West Virginia Academy of Science 72(3):1-97.

Walker, James M.

- Manning, G. J., C. J. Cole, H. C. Dessauer, and J. M. Walker. 2005. Hybridization between parthenogenetic *Aspidoscelis neomexicana* and gonochoristic *Aspidoscelis sexlineata viridis* in New Mexico: ecological, morphological, cytological, and molecular context. *American Museum Novitata* 3492:1-56.
- Walker, J. M., J. A. Lemos-Espinal, and H. M. Smith. 2005. *Aspidoscelis tigris aethiops* (Sonoran Desert Whiptail Lizard). Reproduction. *Herpetological Review* 36:316-317.

Susan Ziegler

- Ziegler, S., White, P. M., D. C. Wolf, and G.J. Thoma (2005) Tracking the fate and recycling of a ¹³C-labeled glucose in soil. *Soil Science* 170: 767-778.

UNREFEREED PUBLICATIONS & PROCEEDINGS

Beaupre, Steven J.

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.

James, Douglas A.

James, D. A. and A. R. Green. 2005. A status assessment investigation of the eastern subspecies of Bewick's Wren (*Thryomanes bewickii* and *Thryomanes bewickii altus*). Report submitted to the U.S. Fish and Wildlife Service, 105 pp.

Smith, Kimberly G.

Smith, K. G. 2005. 100 years ago in the American Ornithologists' Union. Auk 122:379-380.
Smith, K. G. 2005. 100 years ago in the American Ornithologists' Union. Auk 122:722-723.
Smith, K. G. 2005. 100 years ago in the American Ornithologists' Union. Auk 122:1024-1025.
Smith, K. G. 2005. 100 years ago in the American Ornithologists' Union. Auk 122:1310-1311.

Stevenson, Steven.

Stephenson, S. L. 2005. Snowbank-associated myxomycetes in Australia. Australian Institute of Alpine Studies Newsletter 18:10.

INVITED and REFEREED LECTURES

Etges, William J.

Senescence in multiple environments: *Drosophila mojavensis* as a model for understanding the genetics of life span. Presented at the workshop "Evolutionary Demography", University of Virginia, Charlottesville, 28-30 October 2005. (invited)

Henry, Ralph

Panel on Biotechnology Initiatives (Moderator). NSF National Conference: Trajectory Toward Sustainable Scientific Based Success in EPSCoR Jurisdiction, September, 2005. (invited)

Huxel, Gary

Spatial complexity and habitat use by breeding birds in the Colorado River Delta. Sigma Xi – University of Arkansas Chapter, 2005. (Invited)

Ivey, D. Mack

Ivey, D.M. and J. W. Ivey. 2005. Expression and mutagenesis of *Bacillus subtilis* cytochrome oxidase genes in alkaliphilic bacteria. Biophysics Journal 88:329A-329A. (refereed)

Kral, Timothy A.

Adaptation of methanogens to carbon monoxide. American Society for Microbiology annual meeting. 2005. (refereed)
Survivability of methanogens on Mars soil simulant at extreme temperatures in comparison with

media analogs. American Society for Microbiology annual meeting. 2005. (refereed)
Methanogens: A model for life on Mars. International Society for the Study of Life meeting.
2005. (refereed)
Survival of methanogens during periods of desiccation. American Society for Microbiology
annual meeting. 2006. (refereed)

James, Douglas A.

Latitude of prebasic molt in Swainson's Warblers based on hydrogen isotope ratios in contour
feathers. Oklahoma Research Day 2005, University of Central Oklahoma, Edmond, 11
November 2005. (invited)

Lehmann, Michael

Relative binding strengths of fourteen potential fork head binding sites in the head involution
defective gene of *Drosophila melanogaster*. Oklahoma Research Day, University of
Central Oklahoma, Edmond, Oklahoma, 11 November 2005. (invited)

Magoulick, Daniel

Diet and bioenergetics of rainbow and brown trout in Arkansas tailwaters. White River Fisheries
Partnership, Theodosia, Missouri. 2005 (Invited)
Survival and movement of rainbow trout in Arkansas tailwaters. White River Fisheries
Partnership, Theodosia, Missouri. 2005 (Invited)

Movement and habitat use of smallmouth bass in the Buffalo National River drainage of
Arkansas. Southern Division American Fisheries Society, Virginia Beach, Virginia.
2005 (Refereed)

Movement and habitat use of smallmouth bass in the Buffalo National River drainage of
Arkansas. American Fisheries Society, Pine Bluff, Arkansas. 2005 (Refereed)

McNabb, David S.

Construction of inducible expression vectors for *Candida albicans*. Oklahoma Regional
University Research Day, University of Central Oklahoma, Edmond, 11 November 2005.
(invited)

Silberman, Jeffrey

Mitochondrion relics in anaerobic eukaryotes. Oklahoma Research Day 2005, University of
Central Oklahoma, Edmond, 11 November 2005. (invited)

Smith, Kimberly G.

Conservation and management of endangered bats of the United States: Lessons learned.
International Seminar on the Conservation and Management of Endangered Bats.
Yeongsan River Environmental Administration. Gwangju, South Korea. (invited)
Black bears in Arkansas: The most successful reintroduction in the world. Department of
Biology, Northeastern State University, Oklahoma. (invited)

Spiegel, Frederick

Research seminars presented at North Carolina State University, American Type Culture Collection, and Ernst Moritz Arndt University, Greifswald. (invited) **Stevenson, Steven**

Global Biodiversity of Eumycetozoans. Himalayan Forest Research Institute, Shimla, India. 25 May 2006. (invited)

Research seminars presented at Humboldt State University, Tulsa University, Rice University, the University of Otago (New Zealand), and the University of Virginia. (invited)

Ziegler, Susan

The impact of environmental change on dissolved organic matter cycling in Ozark streams. Northeastern State University, Tahlequah, Oklahoma. 30 November 2005. (invited)

OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS

Beaupre, Steven

Long-term responses of timber rattlesnakes (*Crotalus horridus*) to food augmentation. American Society of Ichthyologists and Herpetologists. Annual meeting, Tampa, FL 5 July - 12 July, 2005.

Curtin, Kathryn

Basigin is involved in neural-glia interactions in the *Drosophila* visual system. American Society for Cell Biology Meeting. San Francisco, December 2005.

Huxel, Gary

The role of multiple predators in food webs. Ecological Society of America, Montreal, August 2005.

Population dynamics of indicators and pathogens in Tampa Bay, Florida. US Geological Survey – Gulf of Mexico Integrated Science, 2005.

Diversity of arthropods in the University of South Florida Ecological Research Area, Tampa, Florida. Association of Southeastern Biologists, 2005.

James, Douglas A.

West Nile virus of little or no consequence on resident bird populations. American Ornithologists' Union meeting, University of California, Santa Barbara, 26 August 2005.

Latitude of prebasic molt in Swainson's Warblers based on hydrogen isotope ratios in contour feathers. American Ornithologists' Union meeting, University of California, Santa Barbara, 26 August 2005.

Latitude of prebasic molt in Swainson's Warblers based on hydrogen isotope ratios in contour feathers. Joint meeting of the Oklahoma Chapter of The Wildlife Society and the Oklahoma Ornithological Society, Oklahoma State University, Stillwater, 10 September

2005 .

Do Great Hornbills use mud to seal nest cavities? Fourth International Hornbill Conference, Mabula Game Lodge, South Africa, 7 November 2005.

Phenological studies of hornbill fruit trees in tropical rainforests: methodologies, problems and pitfalls. Fourth International Hornbill Conference, Mabula Game Lodge, South Africa, 7 November 2005.

Kral, Timothy A.

Adaptation of methanogens to carbon monoxide. Astrobiology Science Conference 2006.

Survival of methanogens during periods of desiccation: Implications for life on Mars.

Astrobiology Science Conference 2006.

Krementz, David

Henslow's Sparrow winter survival estimates and response to prescribed burning. American Ornithologists' Union meeting, University of California, Santa Barbara, August, 2005.

Wood Thrush density, home ranges and movements in relation to forest management in the Atchafalaya Basin, Louisiana. American Ornithologists' Union meeting, University of California, Santa Barbara, August, 2005.

Modelling white-tailed deer population responses to harvest regulation changes in Arkansas at multiple scales. The Wildlife Society meeting, Madison, Wisconsin, September 2005.

Lehmann, Michael

A dFOXO-independent PI3K/Akt survival pathway protects salivary glands from programmed cell death. 47th Annual Drosophila Research Conference, Houston, Texas, 29 March - 2 April 2006.

Magoulick, Daniel D.

Line Transect Sampling in Streams. Presented as a workshop to AFS Warmwater StreamsCommittee, Yellville, Arkansas, 23 August 2005.

Silberman, Jeffrey

Assessing genetic diversity in *Dictyoselium rosarium*. International Congress on the Systematics and Ecology of Myxomycetes: Tlaxcala Mexico, August 2005.

Phylogenetic analysis of myxomycetes using EF-1a sequences. International Congress on the Systematics and Ecology of Myxomycetes: Tlaxcala Mexico, August 2005.

Smith, Kimberly G.

Demise of Carolina Wren populations in managed forests within the Arkansas Ozarks during winter of 2000. Ecological Society of America, Montreal. August 2005.

Effects of various forestry practices on bird communities in the Arkansas Ozarks: a 13-year study. American Ornithologists' Union, Santa Barbara, California, August 2005.

Behavior and chip note vocalizations of female Hooded Warblers during nest defense. American Ornithologists' Union, Santa Barbara, August 2005.

Determining natal origins of raptors migrating through the Florida Keys: a stable isotope approach. American Ornithologists' Union, Santa Barbara, August 2005
Reproductive success and predation of Blue-winged Warblers, Prairie Warblers, Field Sparrows and Indigo Buntings in declining scrub successional habitat in Connecticut. American Ornithologists' Union, Santa Barbara, August 2005.

Spiegel, Frederick

Branch patterns and formation in dictyostelids. Mycological Society of America Meeting, Hilo, Hawaii, 31 July – 5 August, 2005.
Molecular phylogeny of the protostelids. Mycological Society of America Meeting, Hilo, Hawaii, 31 July – 5 August, 2005.
Uses for Auto-Montage for mycological illustration. Mycological Society of America Meeting, Hilo, Hawaii, 31 July – 5 August, 2005.
Protostelid biota of the South Island of New Zealand. Mycological Society of America Meeting, Hilo, Hawaii, 31 July – 5 August, 2005.
Branching patterns as a developmental characteristic of the dictyostelids. 5th International Congress on the Systematics & Ecology of Myxomycetes, Tlaxcala, Mexico, 8-13 August, 2005.
Molecular phylogeny of the protostelids. 5th International Congress on the Systematics & Ecology of Myxomycetes, Tlaxcala, Mexico, 8-13 August, 2005.
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McFarland, C.; McIntosh, M.C., "The Ireland-Claisen Rearrangement: 1972-2004," invited chapter for a monograph "The Claisen Rearrangement," Wiley-VCH; **2006**.

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Kracher, A.; **Sears, D.W.G.**, “Space weathering and the low sulfur abundance of Eros,” *Icarus*, **2005**, 174(1), 36-45.

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Hsu, J.W.P.; **Tian, Z.R.**; **Simmons, N.C.**; **Matzke, C.M.**; **Voigt, J.A.**; **Liu, J.**, “Bottom-up assembly of ZnO nanorods on surfaces using organic templates,”

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Sonart, T.; Liu, J.; Voigt, J.A.; Hsu, J.; Spoerke, E.D.; **Tian, Z.R.**; Jing, Y., "Sequential Nucleation and growth of complex nanostructured films," *Advanced Functional Materials*, Anticipated date of publication: Feb **2006**.

Konar, S.; **Tian, Z.R.**, "Solid-State Transformation from Self-Assembled Nanosheets into Ordered Nanorods," *JPC-B*, **2006**, 110(9), 4054-4057.

Zhao, F.; Lin, W.; Wu, M.; Xu, N.; Yang, X.; **Tian, Z.R.**; Su, Q., "Hexagonal and Prismatic Nanowalled ZnO Microboxes," *Inorg. Chem.*, **2006**, 45(8), 3256-3260.

Lu, W.; **Vicic, D.A.**; Barton, J.K., "Reductive and Oxidative DNA Damage by Photoactive Platinum(II) Intercalators," *Inorg. Chem.* **2005**, 44(22), 7970-7980.

Wilkins, C.L., "Mass Spectrometry: A Foundation Course, by K. Downard," *TrAC, Trends in Analytical Chemistry*, **2005**, 24(2), 159-160.

Wilkins, C.L., "2D Correlation Spectroscopy Two-Dimensional Correlation Spectroscopy: Applications in Vibrational and Optical Spectroscopy; by I. Noda, Y. Ozaki, Wiley, Chichester, West Sussex, UK, 2004," *TrAC, Trends in Analytical Chemistry*, **2005**, 24(4), I.

Wilkins, C.L., "ACS Analytical Chemistry Division Highlights the Latest Developments in Most Areas," *TrAC, Trends in Analytical Chemistry*, **2005**, 24(6), 461-462.

Wilkins, C.L., "FACSS Provides an Intimate Setting," *TrAC, Trends in Analytical Chemistry*, **2006**, 25(3), 194-195.

Zhang, T.; **Dong, W.**; Kasbohm, J.; Varadan, V.K.; **Tian, Z.R.**, "Design and Hierarchical synthesis of branched heteromicrostructures," *Smart Materials and Structures*, Anticipated date of publication: April **2006**.

Unrefereed Publications and Proceedings

As co-director of the Cordes Teaching and Faculty Support Center, Three newsletters were generated with the three co-directors (**Neil Allison**, Inza Fort, and David Longer) acting as editors.

Sivaraja, V.; Yu, C.; **Kumar, T.K.S.**, "Three-dimensional Solution Structure of Mouse S100A13

– Its role in the non-classical Secretion of the human fibroblast growth factor,” Presented as a poster at the 61st Southwest Joint Regional Meeting, held at Memphis, TN from 1 -3, Nov., **2005**.

Rajalingam, D.; **Gawley, R.E.**; Yu, C.; **Kumar, T.K.S.**, “A novel drug design against FGF-induced tumors,” Presented as poster at the ABI – Fall Research Symposium held at Little Rock, AR from 28-29 Sept., **2005**.

Miller, D.W.; Beger, R.; **Lay, J.O., Jr.**; Wilkes, J.G.; Freeman, J.P., “Methods for predicting the biological, chemical, and physical properties of molecules from their spectral properties. U.S., 44 pp., Cont.-in-part of U.S. Ser. No. 496,314, abandoned, **2005**.

Schäfer, L., “*Somos parte de un processo cosmico que esta em andamento*,” IHU On-Line, 5 no.140, 9 de maio **2005** ; p,7 – 11 ; Unisinos, Sao Leopoldo, Brazil.

Schäfer, L., 30-minute talk show/interview with CUNY-TV, New York City, aired September **2005**.

Invited Lectures

Baker, J.; Muir, M.; **Pulay, P.**, “Interaction Between Theory and Experiment: Two Examples Involving Fluorocarbons,” Pacifichem 2005, Honolulu, Hawaii Dec. 16-21, **2005**.

Fritsch, I.; **Aguilar, Z.P.**, “Microelectrochemical Assays: From Academic Research to Business,” *Invited Poster* in the Symposium on Broader Impacts in Science (sponsored by the National Science Foundation), American Chemical Society Meeting, Washington, DC, August 28-September 2, **2005**.

Fakunle, E.S.; Bullard, L.M.; **Higginbotham, P.M.**; Henrichs, A.E.; **Aguilar, Z.P.**; **Fritsch, I.**, “Close proximity effects in microassays with electrochemical detection,” Midwest Regional Meeting of the American Chemical Society, Joplin, MO, October 26-28, **2005**.

Fakunle, E.; **Arumugam, P.**; **Narasimhan, P.**; **Weston, M.**; **Anderson, E.**; Wang, G.; Barlow, F.; **Fritsch, I.**, “Low Temperature Co-Fired Ceramics in Electrochemical Applications,” Invited Talk, the 209th Meeting of the Electrochemical Society, Denver, CO, May 7-12 **2006**.

Fritsch, I., “Exploiting electrochemistry for analysis in and control of microscopic systems,” Department of Chemistry and Chemical Biology, Rensselaer Polytechnic Institute, Troy, NY, February 9-11, **2005**.

Fritsch, I., “Exploiting electrochemistry for analysis in and control of microscopic systems,” Biomedical Engineering Seminar Series, University of Memphis, March 11, **2005**.

Fritsch, I., “Magnetic Field-Generated Microfluidics in Solutions Containing Redox Species

and Applications to Anodic Stripping Voltammetry and Immunoassays,” PITTCON 2006, Orlando, FL, **2006**.

Fritsch, I., “Low Temperature Co-Fired Ceramics in Electrochemical Applications,” 209th Meeting of the Electrochemical Society, Denver, CO, May 7-12, **2006**.

Gawley, R.E., Lakeland Conference on Heterocycles (Grasmere, Cumbria, England), May **2005**.

Gawley, R.E., University College Dublin, May **2005**.

Gawley, R.E., Gordon Research Conference on Mycotoxins and Phycotoxins, June **2005**.

Gawley, R.E., Oklahoma State University, September **2005**.

Gawley, R.E., Environmental Protection Agency, Nanotechnology Grantees Conference (Washington) October, **2005**.

Gawley, R.E., Pacificchem Symposium on Marine Toxins (Honolulu), December **2005**.

Gawley, R.E., Pacificchem Symposium on Main Group Organometallic Chemistry (Honolulu), December **2005**.

Gawley, R.E., “The Role of Organostannanes in the Generation of Chiral Organolithium Compounds,” 16th IUPAC Conference on Organic Synthesis, in the symposium on organolithium compounds, Merida, Yucatan, Mexico, June 12, **2006**.

Hinton, J.F., “NMR Studies of Ion Binding, Transport and Structure of Ion Channels,” Kenyatta University, Kenya, August **2005**.

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

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

Koeppe, R.E., II, “Structural and Functional Coupling between Peptides and Lipids,” University of California, San Diego, Oct, **2005**.

Koeppe, R.E., II, “Organic and Inorganic Nanotubes,” Materials Research Society, San Francisco, April 17-21, **2006**.

Koeppe, R.E., II, “Biosensors Based on Membrane Organization,” University of Umeå, Sweden, June 8-10, 2006.

Paul, D., “Chemical Sensors: the Promise and the Pestilence,” University of Memphis, October 21, 2005.

Pulay, P.; Baker, J.; Füsti-Molnár, L.; Malagoli, M.; Saebo, S.; Wolinski, K., “New methods for *ab initio* and density functional calculations on large molecules,” 7th WATOC (World

association of Theoretical and Computational Chemists) Conference, Cape Town, South Africa, Jan. 16-21, 2005.

Pulay, P.; Baker, J., "Optimization of molecular clusters and supramolecular assemblies using inverse power coordinates," Abstracts of Papers, 230th ACS National Meeting, Washington, DC, United States, Aug. 28-Sept. 1, **2005**.

Pulay, P.; Ford, A.R., "Calculation of the dispersion energy between large molecules: Graphene plates and the grapheme-water system," Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, **2005**.

Schäfer, L., La Grange College, La Grange, Georgia, March 1, **2005**.

Schäfer, L., Benedictine Abbey of Wisques, France, March 19, **2005**.

Schäfer, L., Fordham University, Lincoln Center, New York City, March 7, **2005**.

Schäfer, L., Evangelische Akademie, Bonn, Germany, June 20, **2005**.

Schäfer, L., « *La Réalité Quantique, l'Ordre Virtuel, et l'Émergence de l'Ordre Complexe* » Congrès de Science des Systèmes, Paris, France, September 20, **2005**.

Schäfer, L., « *La Pensée de Teilhard de Chardin et le Lien avec la Réalité Quantique* » Congrès de Science des Systèmes, Paris, France, September 21, **2005**.

Schäfer, L., University of Olomouc, Czech Republic, October 15, **2005**.

Schäfer, L., Chestnut Hill College, Philadelphia, November 18, **2005**.

Stites, W., Keynote speaker, Research Week, University of Arkansas for Medical Sciences, April 14, "Dirty Little Secrets of Doing Research: Illustrated examples from protein folding." Little Rock, AR., **2005**.

Stites, W., Baylor College of Medicine, June 10, "Tight packing in protein cores and the origin of cooperativity in protein structural change," Houston TX., **2005**.

Stites, W., ACS Speaker, Hendrix College, September 13, "Why does smoking kill you? Blood coagulation and perturbed redox regulation may be the answer." Conway, AR., **2005**.

Tian, Z.R., "Hierarchical, Oriented, and Ordered Nanostructures with Application Potentials in Nanomedicine," University of Arkansas Chapter of Sigma Xi, April 14, 2006.

Tian, Z.R., "New Nanomaterials for Potential Applications in Nanomedicine," Biomedical Engineering Forum at UALR, May 5, 2006.

Vicic, D.A., "Mechanistic Insights in the Catalytic Cross-Coupling of Alkyl Electrophiles" 2005 GRC in Organometallic Chemistry, Newport, RI. July 10-15, 2005. Poster presentation and invited poster competition speaker.

Vicic, D.A., "Emerging Synthetic Chemistry Involving Nickel-Alkyls" 2005 GRC in Inorganic Chemistry, Salve Regina University, Newport, RI, July 17-22, 2005

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," University of Alabama, Tuscaloosa, AL. October 20, **2005**.

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," Merck, Process Research Division, Whitehouse Station, New Jersey, February 8, **2006**.

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," University of Missouri-Columbia, Columbia, MO, March 3, **2006**.

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," University of Ljubljana, Slovenia, April 19, **2006**.

Other Lectures, Papers and Oral Presentations

Allison, N.T.; Neal, S.; Means, T., "Iron Benzannulated Quinone Methide Complexes," Organometallics Gordon Conference, Newport R.I. June 10-14, **2005**.

Anderson, E., "Redox Magnetohydrodynamic-Induced Fluid Convection around Interdigitated Microelectrode Arrays," 209th Meeting of the Electrochemical Society, Denver, CO, May 7-12, **2006**.

Anderson, T.J.; Dossey, R.; Jackson, T.; Durham, B.; Millett, F., "Ruthenium(II)-Based Cytochrome c Mimics for the Study of Electron Transfer in Cytochrome c Oxidase and the bc1 Complex," 16th International Symposium on the Photochemistry and Photophysics of Coordination Complexes, July 25, Asilimar, CA, **2005**.

Anderson, T.J.; Durham, B., "Microwave Synthesis of Tris(2,2'-bipyridyl)ruthenium (II) Hexafluorophosphate using [2,2']bipyridinyl-4,4'-dicarboxylic Acid Diethyl Ester and Ruthenium (III) Chloride Hydrate," Poster, Abstract of Papers, National Meeting of the American Chemical Society, Atlanta, GA, March 26-30, 2006.

Anderson, T.J., "Decarboxylation of 2,2'-Bipyridinyl-4,4'-dicarboxylic Acid Diethyl Ester During Microwave Synthesis of the Corresponding Trichelated Ruthenium Complex," 20th Missouri Inorganic Day, Missouri State, May 6, 2006.

Arumugam, P.; Clark, E.; Weston, M.; Fakulne, E.; Fritsch, I., Magnetic Field-Generated

Microfluidics in Solutions Containing Redox Species and Applications to Anodic Stripping Voltammetry and Immunoassays,” Pittcon 2006, Orlando, FL, March 12-17, 2006.

Baker, J.; Fowler, P.W.; Soncini, A.; Lillington, M., “Rare-gas insertion compounds of perfluorobenzene: Aromaticity of some unstable species,” 14th Conference on Current Trends in Computational Chemistry, Jackson, Mississippi Nov. 4-5, **2005**.

Blackman, B.; Battaglia, D.; Peng, X., “Determining the Structure of Epitaxial Grown Nanocrystals through Controlled Etching,” Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, United States, March 26-30, 2006.

Borgmann, S., “Taking Advantage of the High-resolving Power of MALDI FTMS for Analyzing Phospholipid Profiles from Mouse Tissues.”

Brand, S., “Role of the Low Affinity Binding Site in the Reaction of Cytochrome c with Cytochrome c Oxidase,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Bobbitt, D.; Paul, D.; \; Riley, C., “University-wide Summer Undergraduate Research Experience,” CHED 235, 229th ACS National Meeting, San Diego, CA, March 13, 2005.
Buckholtz, J.L.; Paul, D.W., “Electrical Cross-Talk Encountered Using Commercially Available Bipotentiostats,” #1777, 207th Meeting of the Electrochemical Society, Quebec City, May 17, 2005.

Chai, Y.; Mou, Z.; McIntosh, M.C., “Approach to the total synthesis of massileunicellin-I,” Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005.

Chai, Y.; Mou, Z.; McIntosh, M.C., “Approach to the Total Synthesis of the Massileunicellins,” 39th National Organic Symposium, Salt Lake City, Utah, June 12-16, **2005**.

Smart, R.A.; **Chen, Y.; Peng, X.**, “Effects of Heating Rate on the Formation of Magnetite (Fe₃O₄) Nanocrystals,” Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, United States, March 26-30, **2006**.

Chevrier, V., “Thermodynamics of Clay Minerals on Mars: Insight into the Geochemical Environment of Early Mars,” The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2006**.

Chittenden, J.; Sears, D.W.G.; Chevrier, V.; Hanley, J.; Roe, L., “Soil Effects on the Evaporation Rate of Pure Water Ice under Martian Conditions,” The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2006**.

Chittenden, J.D.; Sears, D.W.G., “simulation Studies of Evaporation of Water on Mars,” American Astronomical Society, DPS meeting #37, #32.22, **2005**.

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

Weston, M.C.; **Clark, E.A.; Arumugam, P.; Yoga Narasimham, P.; Fritsch, I.**, "Redox Magnetohydrodynamic Enhancement of Stripping Voltammetry for a Portable Analysis System using Disposable Electrodes, Permanent Magnets, and Small Volumes," Abstract of Papers, 231st ACS National Meeting, Atlanta, GA, March 26-30, **2006**.

Covey, S., "Synthesis of a Water Soluble tri-Phenylphenanthroline(Ru)II Complex," 20th Missouri Inorganic Day, Missouri State, May 6, **2006**.

Daily, A., "Influence of Anchor Group Identity on the Orientations of Transmembrane Peptides by Solid State 2H NMR," Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Davis, D.J., "Cation- π Interactions in the Heart of Cytochrome bc1 and b6f Complexes," Biophysical Society Annual Meeting, Long Beach, CA, Feb. **2005**.

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

Fakunle, E.; Bullard, L.; **Higginbotham, P.**; Henrichs, A.; **Aguilar, Z.; Fritsch, I.**, "Close Proximity effects in Microassays with Electrochemical Detection," Abstracts, 40th Midwest Regional Meeting of the American Chemical Society, Joplin, MO, October 26-29, **2005**.

Fakunle, E.; Aguilar, Z.; Fritsch, I., "Development of Microchannel Devices from Low Temperature Co-fired Ceramic and Screen Printed Gold for Electrochemical Immunoassays," Abstracts, 40th Midwest Regional Meeting of the American Chemical Society, Joplin, MO, October 26-29, **2005**.

Franzen, M.A.; Sears, D.W.; Hapke, B.; Akracher, A., "Space Weathering on Asteroids: A Mechanism for Sulfur Depletion on Eros?" American Astronomical Society, DPS meeting #37, #15.09, **2005**.

Franzen, M.; Haseltine, J.; Kramb, J.; Ostrowski, D.; Sears, D.W.G., "Fluidization as a Potential Mechanism for Formation of Polar Surface Features on Asteroid Itokawa," The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2006**.

Franzen, M.A.; Kracher, A.; **Sears, D.W.G.**; Cassidy, W.; hapke, B.W., "Space Weathering: A Proposed Laboratory Approach to Explaining the Sulfur Depletion on Eros," 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, in League City, Texas, abstract no. 1461.

Franzen, M.A.; Roe, L.A.; Buffington, J.A.; **Sears, D.W.G.**, "Sample Collection from Small Airless Bodies: Examination of Temperature Constraints for the TGIP Sample Collector for the Hera Near-Earth Asteroid Sample Return Mission," 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, in League City, Texas, abstract no. 1467.

Buffington, J.A.; **Franzen, M.A.**; Azougagh-McBride, S.; Roe, L.A.; **Sears, D.W.G.**, "Simulation of Extraterrestrial Sample Acquisition," 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, in League City, Texas, abstract no. 1452.

Haseltine, J.D.; **Franzen, M.A.**; **Sears, D.W.G.**, "Fluidization from Continuous Outgassing as a Cause of Pondered Craters and Particle Sorting on 433 Eros," American Astronomical Society, DPS meeting #37, #15.10, 2006.

Venechuk, E.M.; **Franzen, M.A.**; **Sears, D.W.G.**, "Radiation Resistance of a Silicone Polymer Grease Based Regolith Collector for the HERA Near-Earth Asteroid Sample Return Mission," 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, in League City, Texas, abstract no. 1492.

Azougagh-McBride, S.; Roe, L.A.; Franzen, M.A.; Buffington, J.A.; Sears, D.W.G., "Simulation of Recovery Impacts for the Prototype Hera Asteroid Sample Collector," 36th Annual Lunar and Planetary Science Conference, March 14-18, 2005 in League City, Texas, abstract no. 1464.

Gawley, R.E., Moon, K., **Eddings, D.**, "[2,3]-Sigmatropic Rearrangements of Ammonium Ylides," Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, March 26-30, **2006**.

Gawley, R.E., "Sigmatropic Rearrangements of Nitrogen Ylides," poster at the Gordon Research Conference on Stereochemistry, Newport, RI, June 19, **2006**.

Andersen, O.S.; **Koepe, R.E., II**; Becker, M.D.; **Greathouse, D.V.**; Sundaram, S.; **Hinton, J.**, "Microphysics of ion movement through Gramicidin channels," Abstract of Papers, 230th ACS National Meeting, Washington, DC, United States, Aug. 28-Sept. 1, **2005**.

Greathouse, D.; **Lincoln, F.**, "Teaching and Motivational Strategies for ESL Science," 39th Annual International Convention of Teachers of English to Speakers of Other Languages, San Antonio, TX (March 30-April 2) 2005.

Gu, H.; **Peret, I.**; **Koepe, R.E., II**, "2H Exchange into Indole Rings in Gramicidins and WALP Peptides," Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Haseltine, J.; **Franzen, M.**; **Sears, D.W.G.**, "Fluidization from Continuous Outgassing as a Cause of Geological Structures on 433 Eros," The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2005**.

Havens, J.; **Yuan, Q.**, "The Rate of Interprotein Electron Transfer Between Ferrous

Cytochrome B5 and Yeast Cytochrome C Initiated by Photooxidation of Cytochrome C,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Hutchison, J.M.; **Lindsay, H.A.**; McIntosh, M.C., “**Progress toward the total synthesis of sclerophytin A.**” Abstracts of papers, **229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005.**

Jones, G.; Vicic, D., “Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions,” 231st ACS National Meeting, Atlanta, GA, March 26-30, 2006.

Jones, J.J.; **Wilkins, C.L.**, “Mass Spectrometry for Detection and Identification of Microorganisms,” Abstracts of papers, 230th ACS National Meeting, Washington, D.C, United States, Aug. 28-Sept. 1, 2005.

Kaufman, S.A.; Joshi, A.L.; McIntosh, M.C., “Diastereoselective Reductions of a-Chiral a-Alkoxy Tosyl Hydrazones,” 39th National Organic Symposium, Salt Lake City, Utah, June 12-16, 2005.

Kitchens, S.; **Paul, D.**, “Selective Portable Sensors Based on Metalloporphyrins,” presented by Analtoi Ischenko, International Congress on Analytical Sciences, Russia, June 27, **2006**.

Ashrafuzzaman, M.; **Koeppe, R.E., II**; Andersen, O.S., “Antifusion Peptides Alter Bilayer Material Properties,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Bruno, M.J.; **Koeppe, R.E., II**; Andersen, O.S., “Poly-unsaturated Fatty Acids Alter Lipid Bilayer Elasticity,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Hobart, E.A.; Andersen, O.S.; **Koeppe, R.E., II**, “Gadolinium Inhibits Gramicidin Channel Function: Apparent Cooperativity,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Ladd, T.; **Greathouse, D.**, “Influence of N-acylation and Trp-methylation on Lipid Interactions of Lactoferricin Peptides by Solid-state 2H and 31P NMR,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Lay, J., “Internet Based Technologies for Peptide Mass Fingerprinting and Other Proteomics/MS Techniques,” Mass Spectrometry and Bioinformatics Workshop, UALR, April 28, **2006**.

Liyanage, R., “Rapid Characterization of Edible Oils by Direct MALDI MS Analysis of Triacylglycerols,” 54th American Society for Mass Spectrometry Conference, Seattle, WA, May 28-June 1, **2006**.

Liyanage, R., “Marker Peptide Screening in Macrophages and Neutrophils by Whole Cell Maldi: Thymosin Beta-4 in Macrophages,” 54th American Society for Mass Spectrometry Conference, Seattle, WA, May 28-June 1, **2006**.

McIntosh, M.C.; **Joshi, A.**; **Bateman, D.**, “High throughput synthesis of novel isobenzofuran based drug candidates for the treatment of cancer,” Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005, ORGN-624.

Mazzanti, C.; **Greathouse, D.**; **Koepp, R.E., II**, “Tryptophan Anchoring of the Transmembrane Domain of the Anthrax Toxin Receptor,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Millett¹, F.; **Brand¹, S.**; **Geren¹, L.**; Patel², C.; Pielak², G.; **Durham¹, B.**,
¹University of Arkansas, Fayetteville, AR; ²University of North Carolina, Chapel Hill, NC. “The Use of Ruthenium-Cytochrome c to Study the Role of the Low and High Affinity Cytochrome c Binding Sites in Electron Transfer to Cytochrome c Oxidase,” Bioenergetics Gordon Conference, Maine, June 25, **2005**.

Narasimhan, P.; **Arumugam, P.**; Oni, J.; **Fakunle, E.**; Schuhmann, W.; Woodward, D.; **Fritsch, I.**, “Low Temperature Cofired Ceramic Devices for Electrochemical Detection of Dopamine,” Pittcon 2006, Orlando, FL, March 12-17, **2006**.

Peng, X., “Synthesis of Quantum Dots: From Greener Methods to Greener Products,” Abstracts of Papers, 231st ACS National Meeting, Atlanta, GA, United States, March 26-30, **2006**.

Philominathan, L., “Secondary Structural Changes Triggered by the Ca²⁺ Binding on a Bacterial Collagen Binding protein,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Pulay, P., “Calculation of the dispersion interaction in large molecules,” First NAREGI International Nanoscience Conference, Nara, Japan, June 14-17, **2005**.

Pulay, P.; **Baker, J.**, “Optimization of Molecular Clusters and Supramolecular Assemblies using Inverse Power Coordinates,” Abstracts of Papers, 230th ACS National Meeting, Washington, DC, United States, August 28-September 1, **2005**.

Qi, W.; McIntosh, M.C., “Model studies toward the synthesis of the C22-34 fragment of Antascomycin-B,” Abstracts of papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005.

Rajagukguk, R.; Patel, C.; Zhen, Y.; Scharlau, M.; Pielak, G.; Ferguson-Miller, S.; **Durham, B.**; **Millett, F.**, “Double Mutant Analyses of Cytochrome c/Cytochrome c Oxidase Interaction,” Biophysical Society Annual Meeting, Long Beach, CA, February 16-27, **2005**.

Rajagukguk, S.; Yang, S.; Yu, L.; Yu, C.-A.; **Durham, B.**; **Millett, F.**, “The Effects of Cytochrome b EF Loop Mutations on the Mechanism of Electron Transfer by the Rieske Iron-sulfur Center in Cytochrome bc 1,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Rajalingam, D.; Yu, C.; **Kumar, T.K.S.**, “Investigation of the Copper Binding Affinity of the C2A Domain of Synaptotagmin,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Kathir, K.M.; **Rajalingam, D.**; Henry, R.; Yu, C.; **Kumar, T.K.S.**, “Characterization of cpSRP54 – cpSRP43 Interface,” Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Rakocevic, L.; Dixon, J.; Cothren, C.; Dixon, J., “Digitization and Web Access of a Historic Collection of Remotely-Sensed Imagery,” The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2006**.

Lebofsky, L.A.; Lebofsky, N.R.; Schmitt, B.; **Sears, D.**; Andersen, C., “ORION and STORI: Bringing Inquiry into the Classroom,” American Astronomical Society, DPS meeting #37, #12.02, **2005**.

Gildea, K.J.; Burgess, R.; Lyon, I.C.; **Sears, D.W.G.**, “Iron Isotope Geochemistry of Metal Grains in Ordinary Chondrites,” 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, League City, Texas, abstract no. 1668.

Sears, D.W.G.; Roe, L.A.; **Moore, S.**, “Stability of Water and Gully Formation on Mars,” 36th Annual Lunar and Planetary Science Conference, March 14-18, **2005**, in League City, Texas, abstract no 1496.

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Craig, J.; **Sears, D.W.G.**, “Albedo Study of the Depositional Fans Associated with Martian Gullies,” 36th Annual Lunar and Planetary Science Conference, March 14-18, 2005, in League City, Texas, abstract no. 1198.

Sivaraja, V.; Yu, C.; **Kumar, T.K.S.**, “Understanding the Calcium-copper Switch in S100A13,”

Biophysical Society 50th Annual Meeting, Salt Lake City, UT, Feb. 18-20, **2006**.

Smith, Z.; Tullis, J.; Steele, K.; Malfavon, L., "Martian Sinkholes: Implications for Large Scale Evaporite Deposits," The Lunar and Planetary Science Conference, Houston, TX, March 13-17, **2006**.

Subotic, A.; Greathouse, D., "Synthesis, Deuteration and Analysis of Bovine Lactoferricin Peptides. 229th National ACS Meeting, San Diego, CA, Feb. **2005**.

Hsu, J.W.P.; **Tian, Z.R.**; Simmons, N.C.; Matzke, C.M.; Voigt, J.A.; Liu, J., "Bottom-up Assembly of ZnO Nanorods on Surfaces using Organic Templates," Abstracts of Papers, 229th ACS national Meeting, San Diego, CA, United States, March 13-17, **2005**.

Hsu, J.W.P.; Tian, Z.R.; Simmons, N.C.; Matzke, C.M.; Voigt, J.A.; Liu, J., "Bottom-up assembly of ZnO nanorods on surfaces using organic templates," PMSE Preprints, 92,121, 2005.

Tian, Z.R.; **Liu, J.**; Voigt, J., "Design and Fabrication of Catalytic Nanostructures," MRS Spring Meeting, San Francisco, CA, March 28, 2005.

Tian, Z.R.; **Liu, J.**; Hsu, J.; Voigt, J., "Solution Approaches to Organizing Nanostructured Materials on Substrates," MRS Spring Meeting, San Francisco, CA, March 29, 2005.

Tian, Z.R.; **Zhang, T.**; **Konar, S.**; **Dong, W.**, "Design and solution syntheses of ordered and hierarchical nanostructures," Abstract of Papers, 231st ACS National Meeting, Atlanta, GA, March 26-30, 2006.

Tian, Z.R., "Hierarchical, Oriented, and Ordered Nanostructures with Application Potentials in Nanomedicine," UA Chapter of Sigma Xi, April 14, **2006**.

Vicic, D.A., "Synthesis, characterization, and reactivity of unique Ni(I) and Ni(II) alkyl complexes," Abstract of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 2005. Poster Presentation.

Vicic, D.A., "Catalytic Cross-Coupling of Alkyl Electrophiles with New Nickel and Palladium Catalysts," 2005 Transmediterranean Symposium on Organometallic Chemistry and Catalysis" in Marrakech, Morocco. May 4-8, 2005. Oral Presentation.

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," 230th ACS National Meeting, Atlanta, GA, United States, March, 2006, Oral Presentation.

Vicic, D.A.; Allen, O.R.; **Haley, A.**, "New Gold, Palladium, and Nickel Catalysts for Cross-Coupling Reactions," Abstracts of papers, 230th ACS National Meeting, Atlanta, GA, United States, March 26-30, **2006**, Poster Presentation.

Vicic, D.A.; Schouteeten, S.; Haley, A.; Jones, G.; Hall, R.; McFarland, C., "New Gold, Palladium, and Nickel Catalysts for Alkyl-Alkyl Cross-Coupling Reactions," Poster, National Meeting of the American Chemical Society, Atlanta, GA, March 26-30, 2006.

Vicic, D.A., "Organometallic Aspects of Alkyl-Alkyl Cross-Coupling Reactions," University of Ljubljana, Slovenia, April, 2006.

Wilkins, C.L.; **Jones, J.J.**; **Batoy, S.M.A.B.**; **Livanage, R.**; **Lay, J.O., Jr.**, "Investigations of Ionic Liquid Matrices in MALDI FTMS Analyses of Biological Compounds," Abstracts, 40th Midwest Regional Meeting of the American Chemical Society, Joplin, MO, United States, October 26-29, 2005.

Wilkins, C.L., "Direct Characterization of Microorganisms and Tissues by Mass Spectrometry," "Key note lecture in mass spectroscopy during the International Congress on Analytical Sciences, Russia, June 27, 2006.

Yoga Narasimhan, P.; **Arumugam, P.U.**; **Fakunle, E.**; Schuhmann, W.; Woodward, D.J.; **Fritsch, I.**, "Low Temperature Co-Fired Ceramic Electrochemical Probes for Studying Brain Chemistry," The Electrochemical Society Meeting, Quebec City, Canada, May 15-20, 2005.

Yoga Narasimhan, P.; **Arumugam, P.U.**; Oni, J.; **Fakunle, E.**; Schuhmann, W.; Woodward, D.J.; **Fritsch, I.**, "Electrochemical detection of dopamine using microelectrodes for neurochemistry studies in rat brains," 40th Midwest Regional Meeting of the American Chemical Society, Joplin, MO, United States, October 26-29, 2005.

COMMUNICATIONS

Book Chapters

Smith, Stephen A. (2005). "William Jefferson Clinton: Opportunity, Responsibility, and Community." In Bernard Duffy and Richard Leehman (Eds.), *Contemporary American Orators*, Westport, CT: Greenwood.

Smith, Stephen A. (2005). "Thurgood Marshall as Constitutional Critic." In Bernard Duffy and Richard Leehman (Eds.), *Contemporary American Orators*, Westport, CT: Greenwood.

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.

Journal Articles

- 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.
- Chung, Donghun.** (2005). Something for nothing: Understanding purchasing behaviors in social virtual environment. *Cyberpsychology & Behavior*, 8 (6). 538-554.
- Chung, Donghun.** (2006). An analysis of the variables predicting instant messenger use. *New Media & Society*, 8 (1).
- Smith, Lindsley** (2005) Labor Rhetoric and Free Speech in the 1940's," Communication Law Review, Vol. 5, Number 1.
- Smith, Stephen A.** (2005). Patriotism, pledging allegiance, and public schools: Lessons from Washington county in the 1940s, *Arkansas Historical Quarterly*, 64, 48-69.
- Warren, Ron.** (2005). Parental mediation of children's television viewing in low-income families. *Journal of Communication*, 55 (4), 847-863.
- Souley, B. & **Wicks, Robert H.** (2005). Tracking the 2004 Presidential websites: Similarities and differences. *American Behavioral Scientist*, 49 (4), 535-547.

Other Publications

- Frentz, Thomas S.** and Hocker, J. L. (2006) "Foreword," in Janice Hocker Rushing, *Erotic Mentoring: Women's Transformations in the University*, Walnut Creek, CA: Left Coast Press, ix-xiv.
- Scheide, Frank M.** (2005). Film notes for DVD release of Charlie Chaplin: The Mutual Films, Volume 2. The British Film Institute.
- Scheide, Frank M.** (2006). "Abel Gance: Yesterday and Tomorrow" In Ian Aitken (Ed.), *Encyclopedia of the Documentary Film*, New York & London: Routledge, 1-2.
- Scheide, Frank M.** (2006). "Frank Capra." In Ian Aitken (Ed.), *Encyclopedia of the Documentary Film*, New York & London: Routledge, 184-186.
- Wicks, J. L., & **Warren, Ron.** (2005). An analysis of twenty years of deceptive infomercials: Suggestions for improving infomercial self-regulation. *Conference Proceedings of the American Academy of Advertising*, 95.

Convention and Conference Presentations

Allen, Myria (2005, September). Improving Parent-Teen Conversations about Financial Issues, Statewide Parental Involvement Conference sponsored by the Arkansas Department of Education, Little Rock, AR.

Amason, Patricia; Romanin, Samantha; Ulrey, Kelsy; Candee Herbert, & O'Daniel, Susana. (2005, November) Physicians' perceptions of communication problems in their medical practices, National Communication Association, Boston, MA.

Scott, Teresa., **Webb, Lynne. M.**, & **Amason, Patricia**. (2005, November) The influence of father-daughter communication patterns on daughters' communication apprehension and conflict management strategies: An initial examination of highly successful women. National Communication Association, Boston, MA.

Catron-Ping, Peggy (2005, October). Getting Things done in the Academy: Perceptions of Power by Directors of Development Centers. Professional and Organizational Development Network Conference, Milwaukee, WI.

Chung, Donghun. (2005, July). How to make e-learning content with CS?: The best examples in the case studies. Korea Multimedia Society conference, Seoul, Korea. (Korean)

Nam, C., Shafieloo, I., **Chung, Donghun.**, Smith, P. & Borsodi, L. (2006). Toward Development and Evaluation of Multimodal User Interfaces for Virtual Environments. Conference on Human Factors in Computing Systems., Montreal, Canada.

Tamborini, R., Westerman, D., Skalski, P., Weber, R, Kotowski, M. & **Chung, Donghun**. (2005, November). Repeated Exposure to Virtual Video Game Violence: Presence and Hostile Thoughts. National Communication Association, Boston, MA.

Frentz, Thomas (2005, November). The Rhetorical Turn in Rhetorical Criticism, National Communication Association, Boston, MA.

Frentz, Thomas (2005, November). I Wouldn't Have Said That If I Were You. National Communication Association, Boston, MA.

Sopory, P., & **Maze, William** (2005, November). Persuasive Metaphor Production: A Test of Two Processes. National Communication Association, Boston, MA.

Gilchrist, E., & **Maze, William** (2005, November). Exploring Humor's Efficacy in the Classroom: Assessing Positive and Negative Outcomes. National Communication Association, Boston, MA.

Scheide, Frank M. (2005, July). Lost Chaplin – Reconstructing Sydney Chaplin's Lost Feature Film, King, Queen Joker (1921), Festival IL Cinema Ritrovato: XXXIV Cineteca Del Comune Di Bologna, Bologna, Italy.

- Scheide, Frank M.** (2005, September). Pettifogger Fields and Pilgrim Keaton: Two Comic Journeys from the Alien Edge to the Human Heart. 13th Annual Buster Keaton Celebration, Iola, Kansas.
- Smith, Lindsley** (2005, November). Neoconservative Rhetoric in a Red State Legislature: A Public and Interpersonal Ethnography of Arguments in Arkansas. National Communication Association, Boston, MA.
- Smith, Stephen** (2005, November). Punishing Parody: Irascible Public School Officials and the Invertebrate Suppression of Student Speech. National Communication Association, Boston, MA.
- Smith, Stephen** (2005, November). Keeping Our Unions Healthy: Experience at a Right-to-Work-for-Less State University. National Communication Association, Boston, MA.
- Warren, Ron**, Keyton, J., Alexander, A., & Behrend, D. (2005, November). Work and play well with others: Group Behavior in television sitcoms. Paper presented at the annual convention of the National Communication Association, Boston, MA.
- Webb, Lynne M.** (2006, April). Workshop on interviewing for a professorial position. Southern States Communication Association, Dallas, TX.
- Goen, T. L., **Webb, Lynne M.**, **Amason, Patricia**, & **Wicks, Robert H.**, (2006, April). Perceptions of "normal" American family communication. Southern States Communication Association, Dallas, TX.
- Goen, T. L., & **Webb, Lynne M.** (2006, April). Perceptions of normal family communication in the U.S.: A Preliminary assessment among young adults. Southern States Communication Association, Dallas. (Top four paper in Interpersonal Communication)
- Thompson-Hayes, M., Gibson, D. M., Scott, A. T., & **Webb, Lynne M.** (2006, April). Family values: Keeping the publication connection via CMC. Southern States Communication Association, Dallas, TX.
- Warford, E., & **Webb, Lynne M.** (2006, April). The influence of biological sex on the determinants of communicative responses to jealousy in romantic relationships: Comparing and contrasting patterns of association. Southern States Communication Association, Dallas, TX. (Top paper in Gender Studies)
- Norwood, K. M., & **Webb, Lynne M.** (2005, November). Mother-in-law/Daughter-in-law relationships: A preliminary assessment of the influence of permeability of communication boundaries on interpersonal solidarity and marital satisfaction, National Communication

Association, Chicago, IL.

Scott, T., **Webb, Lynne M.**, & **Amason, Patricia** (2005, November). The influence of father-daughter communication patterns on daughters' communication apprehension and conflict management strategies: An initial examination of highly successful women, National Communication Association, Chicago, IL.

Thompson-Hayes, M., & **Webb, Lynne M.** (2005, November). Commitment under construction II: An initial examination of a dyadic and communicative model of marital commitment, National Communication Association, Chicago, IL.

Warford, E., & **Webb, Lynne M.** (2005, November). The influence of relational proximity on the determinants of communicative responses to jealousy in romantic relationships: Comparing and contrasting patterns of association, National Communication Association, Chicago, IL.

Boubacar, S., & **Wicks, Robert H.** (2005, August). Tracking presidential candidate websites: Similarities and differences between 2000 and 2004. Association for Education in Journalism and Mass Communication, San Antonio,

DRAMA

CHAPTERS

Gross, Roger – “*Getting High on Verse Drama: Melodies, Antitheses, and Quirks*” **Shakespeare Around the Globe: Essays on Voice and Speech**, published by Voice and Speech Trainers Association, ed. Mandy Rees, 2005.

REFEREED ARTICLES and PRESENTATIONS

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

Gross, Roger, “*Getting High on Verse Drama: Melodies, Antitheses, and Quirks*”, Shakespeare Around the Globe: Essays on Voice and Speech, Voice and Speech Trainers Association, ed. Mandy Rees, New York, 2005.

Gross, Roger, Actor, *Winter Wood*, Independent Film, Northwest Arkansas, 2005.

Gross, Roger, Playwright, *Tumescio, Ergo Sum*, Mid-America Theatre Conference, March, 2006.

Tyndall, C. Patrick – “*Can Black Theatre Be Taught Successfully at the University Arkansas?*”, Association for Theatre in Higher Education, July 30, 2005.

Tyndall, C. Patrick – “*Why Did This Happen Here?! Examining Ethnic Battles in Anna Devere Smith’s Fires in The Mirror and Twilight: Los Angeles, 1992*”, MELUS Conference, April 10, 2005.

Tyndall, C. Patrick – “*You Don’t Sing To Feel Better. You Sing Cause That’s A Way of Understanding Life.*” Mid-America Theatre Conference – Theatre History Symposium, March 3, 2005.

INVITED LECTURES / WORKSHOPS / PERFORMANCES

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. Lighting Designer, “Thanks a Billion” Campaign for the Twenty-First Century, University of Arkansas.

Gross, Roger. Respondent for the David Mark Cohen Playwriting Competition, Association for Theatre in Higher Education, August, 2005.

Playwright, William Inge 24-Hour Play Festival, Independence, Kansas, September 2005.

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

Herzberg, Amy. Presented “*Effective Speaking*”, Women in Technology State Conference, Little Rock.

Directed “*Archy and Mehitabel*”, Barbara Mashburn Concert, Walton Arts Center.

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

Consultant, Seasons Venture Incorporated, Presentation Development and Coaching.
Actor, Fayetteville Playwrights Workshop.

Dramaturg, *“Hot Feet”*, Musical libretto written by John Walch, Commissioned by original producer of the *Fantasticks*, New York.

Teacher, Director, Walton Arts Center Summer Drama Program, taught four musical theatre classes and directed a public performance.

Plaid Shorts, Fayetteville 24 Hour Play Festival. Adjudicator, University of Arkansas Film Competition.

Landman, Michael. “An Introduction to Viewpoints”, Kennedy Center American College.

Theatre Region VI Festival, Fayetteville, February, 2005.

Facilitator/Producer, *Talley’s Folly*, two public performances in Studio 404, final projects of the undergraduate directing class.

Facilitator/Producer, *The Glass Menagerie, For Whom the Southern Belle Tolls*, public performances in Studio 404, final projects of the Graduate Directing Principles class.

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

Participant, Aaron Girlinghouse’s Master Class, HPER 220, University of Arkansas.

Participant, two Taylor 2 Modern Dance Master Classes, HPER 220, University of Arkansas.

Choreographer, *Psychopomp*, Student audition dance for Youth American Grand Prix, a prestigious national ballet competition.

Producer, Director, Choreographer, Technician, The Dance Coalition Spring Concert, Walton Arts Center, Fayetteville.

Martin, Patricia. Costume Designer, “Thanks a Billion” Campaign for the Twenty-First Century, University of Arkansas.

“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.

Designer, McDonald & Diebold Real Estate, Fayetteville.

Scene Designer, “Thanks a Billion” Campaign for the Twenty-First Century, University of Arkansas.

Tyndall, C. Patrick. Guest Artist, Martin Luther King Day, University of Arkansas.

Guest Artist, St. James Missionary Baptist Church, Fayetteville.

Producer, *The Colored Section*, Student written/directed script, Union Theatre, University of Arkansas.

OTHER LECTURES / PAPERS / PRESENTATIONS

Brusstar, Terry – Guest Artist, Seventeenth Century Dance – The Parvane, Period Styles cl UA, Fayetteville, Spring, 2005

Dwyer, Mavourneen – “Getting Involved in Plays and Musicals: The Finer Points of the Audition Process”, Fulbright Honors Students Association, UA Fayetteville, Spring, 2005.

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

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

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

OTHER CREATIVE ENDEAVORS

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

Gibbs, D. Andrew. Lighting Design: *The Little Foxes*, River City Repertory Theatre, Shreveport, LA.

Gibbs, D. Andrew. Design and equipment specification for new, Searcy Arkansas 1500 seat Performing Arts Center.

Gibbs, D. Andrew. Theatre consultant for feasibility study for restoration of the 1905 New Theatre, Ft. Smith, Arkansas.

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

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

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.

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

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

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

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.

Riha, Michael. Associate Scenic Designer, Muni Opera of St. Louis, St. Louis, Missouri.

Tyndall, C. Patrick – Member of the Editorial Board, **Blackstream**, Journal of the Black Theatre Association.

Tyndall, C. Patrick. Director. Multi-Cultural Theatre Club, University of Arkansas.

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

PLAY PRODUCTION AT UA / FAYETTEVILLE

Dwyer, Mavourneen Company Voice Work, ***Big Love***, November 2, 2006

The Night of the Iguana, February, 2006.

2 A.M., March, 2006.

Into the Woods, April, 2006.

Closer Than Ever, June, 2006.

Gibbs, D. Andrew Lighting design, ***The Night of the Iguana***, February, 2006.

Gross, Roger Director, *Who's Afraid of Virginia Wolf?*, September, 2005.

Herzberg, Amy Director, *I Love You, You're Perfect, Now Change*, June, 2005.
Into the Woods, April, 2006.

Landman, Michael Director, *Love Rides the Rails*, July, 2005.
Big Love, November, 2005.
2 A.M., March, 2006.
Closer Than Ever, June, 2006.

Lee, Jeanne Musical Director, *I Love You, You're Perfect, Now Change*, June, 2005
Musical Director, *Into the Woods*, April, 2006.

Leftwich, Gail Choreographer, *Love Rides the Rails*, July, 2005.
Big Love, November, 2005.
Closer Than Ever, June, 2006.

Martin, Patricia Costume Design, *I Love You, You're Perfect Now Change*, June, 2005
Big Love, November, 2005.
2 A. M., March, 2006.
Closer Than Ever, June, 2006.

Riha, Michael Technical Director, *I Love You, You're Perfect, Now Change*, June, 2005.

Scene Design and Technical Director, *Who's Afraid of Virginia Woolf?*, October, 2005.

Technical Director, *Big Love*, November, 2005.

Technical Director, *The Night of the Iguana*, February, 2006.

Technical Director, *2 A.M.*, March, 2006.

Technical Director, *Into the Woods*, April, 2006.

ENGLISH

BOOKS

Hays, Donald. *Dying Light and Other Stories*. MacAdam/Cage Publishing, San Francisco.

Booker, M.K. *Alternate Americas: Science Fiction Film and American Cultures*. Praeger Publishers, February 2006.

Booker, M.K., ed. *Encyclopedia of Literature and Politics*. Greenwood Press, Westport, CT.

Brock, Geoffrey. *Weighing Light*. Ivan R. Dee Publishers. Fall 2005.

Brock, Geoffrey. (Trans) *K*, by Roberto Calasso. Vintage. Spring 2006.

Brock, Geoffrey. (Trans) *The Mysterious Flame of Queen Loana*, by Umberto Eco. Harvest. Spring 2006.

Cochran, Robert. *Our Own Sweet Sounds*. Fayetteville: University of Arkansas Press, 2005.

Duval, John. *From Adam to Adam: Old French Plays*. Pegasus Paperbooks.

Gilchrist, Ellen. *A Life in Stories*. Little Brown, Sept. 2005.

Gilchrist, Ellen. *The Writing Life*. University Press of Mississippi, Spring 2005.

Heffernan, Michael. *Night Breeze Off the Ocean*. Eastern Washington University Press.

ARTICLES

Adams, Richard. "Business and Industry Novels." *American History Through Literature, 1870-1920*. Charles Scribner's Sons, Detroit.

Bernhard Jackson, Emily. "'Ah, Who can love the worker of her smart?': Anatomy, Religion, and the Puzzle of Amoret's Heart." *Spenser Studies*, XX.

Booker, M.K. "English Dystopian Satire in Context." *A Companion to British and Irish Literature, 1945-2000*. Oxford, Blackwell, 2005.

Booker, M.K. "Science Fiction and the Cold War." *A Companion to Science Fiction*. Ed. David Seed. Oxford, Blackwell, 2005.

Booker, M.K. "Dystopian Fiction." *The Routledge Encyclopedia of Narrative Theory*. Ed. David Herman, Manfred Jahn, and Marie Laure-Ryan. New York: Routledge, 2005.

Bernhard Jackson, Emily. General Introduction, *The Broadview Anthology of British Literature: Romanticism to Revolution*, Broadview Press (Spring 2006).

Brinkmeyer, Robert. "William Faulkner." *Encyclopedia of Literature and Politics*, ed. By M. Keith Booker. Westport, CT: Greenwood, 2005.

Brinkmeyer, Robert. "Takin' It to the Streets: Flannery O'Connor and the Civil Rights Movement." *Flannery O'Connor Review*. Spring 2006.

Burris, Sydney. "Past Reason Hunted, or Living with Sonnet 129." *AGNI Magazine*. Fall 2005.

Cochran, Robert. "Oblique Performance: Snapshots of Oral Tradition in Action." *Oral Tradition*. October 2004.

Cochran, Robert. "Victory's Incognito Arrival." *Beyond Winning: National Scholarship Applications and the Student Experience*, ed. Suzanne Macray. Fayetteville: University of Arkansas Press, 2005.

Cochran, Robert. Introduction. *Looking Back to See: A Country Music Memoir*, by Maxine Brown. Fayetteville: University of Arkansas Press, 2005.

Duval, John. "Commentary on a Line by Robert Fagels." *Translation Review*. Spring 2006.

Jolliffe, David and Bernard Phelan. "Advanced Placement, Not Advanced Exemption: Challenges for High Schools, Colleges, and Universities." *Delivering College Composition: The Fifth Canon*, ed. Kathleen Blake Yancey. Heinemann, Boynton/Cook 2006.

Jolliffe, David. "Learning to Read as a Continuing Education." *College Composition and Communication*.

Kahf, Mohja. "Muslim Women Rule." *Shattering the Stereotypes: Muslim-American Women Speak*. Ed. Fawzia Afzal-Khan. 2005.

Kahf, Mohja. "The Muslim in the Mirror." *Living Islam Out Loud*. Ed. Saleemah Abdul-Ghafur. 2005.

Kahf, Mohja. "In Praise of Veils." *The Veil*, ed. Jennifer Heath. UC-Berkeley Press. 2006.

Marren, Susan. "Feminist Criticism & Theory." *Encyclopedia of Literature and Politics*, ed. By M. Keith Booker. Westport, CT: Greenwood, 2005.

Marren, Susan. "Gender and Literature." *Encyclopedia of Literature and Politics*, ed. By M.

Keith Booker. Westport, CT: Greenwood, 2005.

Quinn, William. "Medieval Dream Visions." *Readings in Medieval Texts: Interpreting Old and Middle English Literature*. David F. Johnson and Elaine M. Treharne, eds. (Oxford, 2005), 323-36.

Quinn, William. "Medieval Dream Visions." eds. Johnson, David F. And Elaine M. Treharne. *Readings in Medieval Texts: Interpreting Old and Middle English Literature*. 2005.

Quinn, William. "Harriette Monroe as Queen-Critic of Chaucer and Langland (viz. Ezra

Pound).” *Studies in Medievalism*. 2005.

PAPERS PRESENTED AT CONFERENCES

Brinkmeyer, Robert. “The War on the Homefront: The Making of *Let Us Now Praise Famous Men*.” Southern Studies Forum. Middleburg, Netherlands. September 2005.

Candido, Joseph D. “Malvolio in Hell.” Wheaton College, Shakespeare Institute. June 2005.

Candido, Joseph D. “Why is *Twelfth Night* Called *Twelfth Night*?” Wheaton College, Shakespeare Institute. June 2005.

Cochran, Robert. Panel at Grice Exhibition at Shiloh Museum, Springdale..

Cochran, Robert. “Beyond the Book.” Panel on Writing about music. Austin, TX.

Cochran, Robert. “Vance Randolph.” Little Rock.

Cochran, Robert. “Beholder’s Eye: The Ozarks as We’re Taught to See Them.” West Plains, MO. Missouri State University.

Cochran, Robert. “Mary C. Parler as a Collector,” Mary Parler Coneference. Fayetteville, AR.

Cohen, Debra Rae. “Is That Cultural Capital in your Pocket, or Are You Just Glad to See Me?” Experience Music Project Pop Conference. Seattle, April 2006.

Duval, John. “John Ciardi in the Seventh Circle of Hell.” The Tird International Conference on New Directions in the Humanities. Fall 2005.

Duval, John. “*A Stick in the Eye*: Translating Roberti’s Romanesco Cyclops.” American Literary Translator’s Association Conference, Montreal. Fall 2005.

Kahf, Mohja. “Erotics in the Poetry of Nizar Kabbani,” Radius of Arab American Writers Conference. Hunter College, NYC. Summer 2005.

Kahf, Mohja. “Teaching Arab American & Muslim Literature.” Arab American Pedagogy Roundtable. Radius of Arab American Writers Conference. Hunter College, NYC. Summer 2005.

Lane, Carole. “Uncharted Regions: Navigating Current Needs for Writing Across the Curriculum Where There is No Official WAC Program.” South Central Writing Centers Association. Little Rock, AR.

Lane, Carole. “Uncharted Regions: Navigating Current Needs for Writing Across the Curriculum Where There is No Official WAC Program.” College English Association. San

Antonio, TX.

Lane, Carole. "Makepeace Garden." College English Association. San Antonio, TX.

MacRae, Suzanne. "The Cultural Exploits of Snakeman/Diablo in Ghanaian Film." International African Literature Association conference. Accra, Ghana. May 2006.

Raines, Anne. Forging Connections. CEA Annual Conference. April 5, 2006.

Raines, Anne. Writing Across the Curriculum. South Central Writing Centers Association Annual Conference. Feb. 2006.

Stephens, Dorothy. Keynote Address. "Spenser's Civilizations" Conference. Toronto. May 2006.

BOOK REVIEWS, ETC.

Booker, M.K. Review of *Literature of Africa*, by Douglas Killam. *Research in African Literatures* (Fall 2005)

Cochran, Robert. Review of *Singing in My Soul: Black Music in a Secular Age*, by Jerma Jackson. *Arkansas Historical Quarterly*. Fall 2005.

Cochran, Robert. Review of *Robert Johnson: Mythmaking in Contemporary American Culture*, by Patricia Shroeder. *Arkansas Review*. December 2005.

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PUBLIC SPEAKING EVENTS

Brock, Geoffrey. Readings in California (Berkeley, San Francisco, Stanford), Arizona (Tucson, Bisbee), Austin TX, Portland OR, and New York City.

Cochran, Robert. 9 speaking engagements in Arkansas.

Giles, Molly. Readings in San Francisco, Berkeley, and New Orleans and for the Arkansas Literacy Council.

Kahf, Mohja. Gave Reading at All Dulles Area Muslim Society.

McCombs, Davis. Gave readings at UK, Umiss., & Elizabethtown Community & Technical College.

Marren, Susan. Spoke at Springdale Public Library.

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PRESENTATIONS AND ABSTRACTS

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- Boss, S.K.** and Patton, J.C., 2006, Sedimentation in Beaver Lake: An Ozark Mystery?: Arkansas Water Resources Center Annual Conference, 18 – 19 April 2006, University of Arkansas, Fayetteville, AR.
- Brahana, J.V., Hays, P.D.**, Al-Qinna, Mohammed, Murdoch, John F., **Davis, Ralph K.**, Killingbeck, Jonathan J., Szilvagy, Eva, Doheny-Skubic, Margaret, Chaubey, Indrajeet, Ting, Tiong Ee, and Thoma, G., 2005, Quantification of hydrologic budget parameters for the vadose zone and epikarst in mantled karst: U.S. Geological Survey Scientific-Resources Investigations Report 2005-5160, p. 144-153. Proceedings volume of the U.S. Geological Survey Karst Interest Group, Rapid City, South Dakota, September 12-15-2005.
- Campbell, S.W., Thorn, C.E., Darmody, R.G., Allen, C.E., and **Dixon, J.C.** 2006. variability in post-glacial weathering by microenvironment, Srorbreen Foreland, Jotunheimen Mountains,

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Cleaveland, M.K. 2006. Choices in reconstructing central Texas climate. Assoc. of Amer. Geographers 102nd Annual Meeting, 2006 Abstract Volume. Washington, DC: Assoc. of Amer. Geographers p. 110.

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Davidson, Fiona M. "Human Rights and the New European Union Constitution" National Council on Geographic Education Annual Conference, October 12th-15th 2005, Birmingham, AL

Davidson, Fiona M., "Red Clydeside No More: the End of Labour Hegemony in Glasgow?" Political Geography National Pre-conference March 5th-8th 2006, Champaign-Urbana, IL

Davidson, Fiona M., "The Future of the EU, Problems and Possibilities in the wake of the Referendum" AAG March 8th-12th, Chicago IL

Davis, R. K., Ting, Tiong Ee, Thoma, G., **Brahana, J.V.**, Unger, T., Androes, D., and Perkins, R., 2005, Application of multiple tracers to elucidate complex transport phenomena in a karst spring system: Geological Society of America Abstracts with Programs, v. 37, no.5.

Dennis, J.C. and **Boss, S.K.**, 2006, Geomorphology of non-engineered versus engineered shores of Yellowstone Lake, Yellowstone National Park: Geological Society of America Annual Meeting Abstracts with Programs, v.38.

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Dixon, J.C. 2005. Eolian additions to the weathering system: A neglected component.

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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.

Guccione, M.J. and Horn, J.D., Sediment style of a terminal distributary, Mississippi River valley, 8th International Conference on Fluvial Sedimentology, Delft, The Netherlands

Hawkins, D.S., **Mattioli, G.S.**, and **P.E. Jansma**, 2005, Database of Volcano Symmetry Using SRTM Imagery, *Geol. Soc. Am. Abstracts w/ Prog.* Vol. 37 (7), p. 221, (paper 93-6).

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Horn, J.D. and **Guccione, M.J.**, 2005, Evolution and death of a distributary on the Mississippi River floodplain, Tyronza, Arkansas, Geological Society of America Abstracts with Programs, v. 37, no. 5, p. 32.

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Laincz, Jozef, **Hays, P.D.**, Ziegler, Sue, Winston, Byron, Murdoch, John F., **Brahana, J.V.**, **Steele, K.F.**, Chaubey, Indrajeet, and **Davis, R.K.**, 2005, Characterization of nutrient processing at the field and basin scale in the mantled karst of the Savoy Experimental Watershed, Arkansas: Proceedings volume of the U.S. Geological Survey Karst Interest Group, Rapid City, South Dakota, September 12-15-2005. Proceedings volume of the U.S. Geological Survey Karst Interest Group, Rapid City, South Dakota, September 12-15-2005.

Laubhan, A.C., **R.K. Davis**, and **J.V. Brahana**, 2005, Hydrogeologic Assessment of a Shallow Mantled Karst Aquifer, North-Central Washington and South-Central Benton Counties, Arkansas. 2005 Annual Arkansas Water Resources Conference. Fayetteville, Arkansas, April 19 and 20, 2005. (refereed)

- Leh, M.D., I. Chaubey, J. Murdoch and **J.V. Brahana**. 'Quantification of runoff-contributing areas in a pasture watershed -A field scale approach'. Proceedings of American Water Resources Association Annual Conference, Seattle, WA. November 7-10, 2005.
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- 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.
- McVey, K. J. and **Guccione, M.J.**, 2005, Tributary valley fill in response to Pleistocene Mississippi River aggradation within the Western Lowlands of the Lower Mississippi Valley, Geological Society of America Abstracts with Programs, v. 37, no. 5, p. 32.
- Perkins, R., G. J. Thoma, and **R. K. Davis**, "Basin Scale Modeling of Multiple Tracer Breakthrough in Fractured Limestone," 2005 Annual meeting of the American Institute of Chemical Engineers, Cincinnati, OH October 2005. (refereed)
- Patton, J.C. and **Boss, S.K.**, 2006, Fusion of disparate data sets in quantifying reservoir sedimentation: Geological Society of America Annual Meeting Abstracts with Programs, v.38.
- Pickup, B.E. and **Boss, S.K.**, 2006, Surface deformation, lake level variation, and shoreline change at Yellowstone Lake, Yellowstone National park, USA: An update on modeling results: Geological Society of America Annual Meeting Abstracts with Programs, v.38.
- Pickup, B.E. and **Boss, S.K.**, 2006, Sensitivity model of shoreline change at Yellowstone Lake, Yellowstone National Park, USA: Annual Meeting of the American Quaternary Association, Bozeman, MT, 17-19 Aug 2006
- Przybylski, P.A., Calais, E., **Mattioli, G.S.**, and **P.E. Jansma**, 2005, Plate coupling in the northeastern Caribbean, Eos Trans. AGU (86) 52, Fall Meet. Suppl., G21B-1280.
- Scheffer, A., and **Guccione, M.J.**, 2005, Distinguishing deposits on a shared Mississippi and Missouri floodplain 8th International Conference on Fluvial Sedimentology, Delft, The Netherlands

- Scheffer, A. and **Guccione, M. J.**, 2005, Using chemical analyses of point-bar sand on a shared floodplain of the Mississippi and Missouri rivers to identify the source, Geological Society of America Abstracts with Programs, v. 37, no. 5, p. 32.
- Stamps, D.S., Baldwin, A., Turner, H.L., **Mattioli, G.S.**, and **P.E. Jansma**, 2005, Assessing the Rigidity of the Puerto Rico-Virgin Islands Microplate: Results from GPS Geodesy in the British Virgin Islands, Eos Trans. AGU (86) 52, Fall Meet. Suppl., G21B-1267.
- 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.
- Ting, T, **R.K. Davis, J.V. Brahana, P.D. Hays**, G. Thoma, 2005, Application of Multiple Tracers to Characterize Complex Sediment and Pathogen Transport in Karst. U.S. Geological Survey Karst Interest Group Proceedings, Rapid City, South Dakota, September 12-15, 2005, editor E.L. Kuniansky. U.S. Geological Survey, Scientific Investigations Report 2005-5160, p. 114. (refereed)
- Tiong Ee, **Davis, R.K, Brahana, J.V.**, Hays, P.D., and Thoma, G., 2005, Application of multiple tracers to characterize complex sediment and pathogen transport in karst: U.S. Geological Survey Scientific-Resources Investigations Report 2005-5160, p. 114. Proceedings volume of the U.S. Geological Survey Karst Interest Group, Rapid City, South Dakota, September 12-15-2005.
- Tiong-Ee, T., G.J. Thoma, R.B. Beitle, **R.K. Davis, J.V. Brahana**, L. Hui-Min, and R. Perkins, 2005, Production of Europium-Labeled *Escherichia coli* using High Cell Density Fermentation for Bacteria Tracking in Mantled Karst of Northwest Arkansas. 2005 Annual Arkansas Water Resources Conference. Fayetteville, Arkansas, April 19 and 20, 2005. (refereed)
- Tullis, J.A.**, Presented "Martian Depressions: Implications for Large Scale Evaporite Deposits" poster with Zackery E. Smith and Kenneth F. Steele to students and faculty in the *Arkansas Center for Space and Planetary Sciences*, University of Arkansas, Fayetteville, AR (Jun 2005).
- Tullis, J.A.**, Presented "The Search for Martian Sinkholes" with Kenneth F. Steele, Zackery E. Smith, and Luis Malfavon to students and faculty in the *Arkansas Center for Space and Planetary Sciences*, University of Arkansas, Fayetteville, AR (Jul 2005).
- Tullis, J.A.**, Presented "A Cellular Automata Model for ArcMap" with David J. Cowen, E. Thomas Bramble, Kevin Remington, John R. Jensen, Michael E. Hodgson, W. Lynn Shirley, and Apurva Goyal to geospatial community professionals at the *ESRI 2005 International User Conference*, San Diego, CA (Jul 2005).
- Tullis, J.A.**, Presented colloquium on "Search for Martian Sinkholes" and "Intelligent

Knowledge-based Extraction of Remotely Sensed Variables” to students at the *Arkansas Center for Space and Planetary Science*, University of Arkansas, Fayetteville, AR (Sep 2005).

Tullis, J.A., Presented with Jack Cothren and John Wilson the five-day Spanish language “Land Use / Land Cover Change Detection for Central American Carbon Management” *USAID-funded NASA SERVIR workshop* for eighteen representatives from across Central America, City of Knowledge, Panama (Oct 2005).

Tullis, J.A., Presented with Fred Stephen *et al.* “Monitoring and Predicting Populations of Red Oak Borer in the Ozark Mountains” in the *2006 National Forest Health Monitoring (FHM) Working Group Meeting*, Charleston, SC (Jan-Feb 2006).

Tullis, J.A., Presented “Extraction of Polygonal Ridgetop Areas in the Ozark Mountains” and “Integration of *In Situ*, Ancillary, and Remote Sensor Databases” to Jim Guldin of *USDA Forest Service Southern Research Station* and ecologists from *University of Missouri* and *University of Kansas*, Lawrence, KS (Mar 2006).

Tullis, J.A., Presented a workshop on LIDAR-assisted hydrologic modeling to staff and affiliated high school students of *Audubon Arkansas* as part of their efforts to raise public awareness on issues surrounding the College Branch watershed, University of Arkansas, Fayetteville, AR (Jul 2005).

Tullis, J.A., Presented “Overview of Remote Sensing Activities” to *Computer Science and Computer Engineering (CSCE)* faculty at two workshops aimed at developing collaboration in curriculum and research between the Center for Advanced Spatial Technologies (CAST) and CSCE, University of Arkansas, Fayetteville, AR (Sep 2005).

Tullis, J.A., Presented guest lecture and lab for *Introduction to Raster GIS*, Depts. of Anthropology and Geosciences, University of Arkansas, Fayetteville, AR (Nov 2005).

Tullis, J.A., Presented “Extraction of Polygonal Ridgetop Areas in the Ozark Mountains” to students, faculty, and government officials at the *Mullins Library GIS Day Open House*, University of Arkansas, Fayetteville, AR (Nov 2005).

Tullis, J.A., Created LIDAR graphics for front cover of June 2006 issue of *GeoWorld Magazine* (Mar 2006).

HISTORY

Books

- Shih-Shan Henry Tsai, *Lee Teng-Hui and Taiwan’s Quest for Identity* (Palgrave Macmillan).

- Patrick Williams, S. Charles Bolton, and Jeannie Whayne (eds.) *A Whole Country in Commotion: The Louisiana Purchase and the American Southwest* (Fayetteville: University of Arkansas press, 2005)
- Randall Woods, *Quest for Identity: America since 1945* (Cambridge: Cambridge University Press, 2005)
- Randall Woods, *Unto a Good land: A history of the American People* (New York: Eerdmans, 2005)

Chapters in Books

- Alessandro Brogi, “Anni ’50: la crisi CED e la mancata simbiosi dell’occidente” in Mario del Pero and Federico Romero (eds.).
- David Chappell, “Division, Disorganization, and Despair among the Segregationists,” in Clive Webb, ed., *Essays on Massive Resistance* (Oxford: Oxford University Press, 2005).
- Charles Robinson “The Louisiana Purchase and the Black Experience” in Patrick Williams, S. Charles Bolton, and Jeannie Whayne (eds.) *A Whole Country in Commotion: The Louisiana Purchase and the American Southwest* (Fayetteville: University of Arkansas press, 2005): 107-120
- Elliott West, “Lewis and Clark: Kidnappers,” in Patrick Williams, S. Charles Bolton, and Jeannie Whayne (eds.) *A Whole Country in Commotion: The Louisiana Purchase and the American Southwest* (Fayetteville: University of Arkansas Press, 2005): 3-20.
- Jeannie Whayne published “A Shifting Middle Ground: Arkansas’s Frontier Exchange Economy and the Louisiana Purchase,” in Patrick Williams, S. Charles Bolton, and Jeannie Whayne (eds.) *A Whole Country in Commotion: The Louisiana Purchase and the American Southwest* (Fayetteville: University of Arkansas Press, 2005): 59-76.

Articles in Journals

- Alessandro Brogi, “Competing Missions: France, Italy and the Rise of American Hegemony in the Mediterranean,” *Diplomatic History*
- Lynda Coon, “Collecting the Dessert in the Carolingian West,” *Church History and Religious Culture* 86 (June, 2006): 135-162.
- Thomas Kennedy, “War, Patriotism and the Ulster Unionist Council, 1914-1918” in *Eire-Ireland*.
- Elliott West, “Howard’s View: South by Southwest,” *Western Historical Quarterly*, 36:2 (Summer 2005): 139-43.

Non-refereed Publications

- Alessandro Brogi, "L'Europa e la ridefinizione della sicurezza nazionale Americana dal 1945" in Luigi Ganapini (ed.) *Europa, Italia e Stati Uniti dal 1945* (Rome: Guerini, 2006)
- William Tucker, "Floods," in *Encyclopedia of Medieval Islamic Civilization*, eds., Josef Meri (Routledge, 2006) Vol. I, pp. 258-260; and "Weather," *ibid.*, Vol. II, pp. 859-860.
- Jeannie Whayne, "Early Twentieth Century Arkansas, 1900 to 1940," in *Encyclopedia of Arkansas History and Culture* (on line); "Jim Guy Tucker," *ibid.*; and "Henry Massie Rector," *ibid.*
- Patrick Williams, "Arkansas and Washington County 100 years Ago," *Flashback 55* (Spring 2005): 92-102.

Invited Lectures

- Alessandro Brogi, "Europe, the United States and NATO Expansion since 1949," for "Italy and Europe after 1945," Fondazione Istituto per la Storia dell'eta contemporanea, and European Commission, Milan, Italy, September 2005.
- Lynda Coon, "Dark Age Bodies: Gender and Monastic Practice in the Carolingian West," MARCO Institute, University of Tennessee, March 6, 2006.
- Beth Schweiger, "The Moral Economy of Reading in the Early United States," Conference on Material Cultures and the Creation of Knowledge, Centre for the History of the Book, University of Edinburgh, July 2005.
- Elliott West, "The Mexican War and the Making of the American State," Old State House Museum, Little Rock, August 2005.
- Elliott West, "The Great Plains as Cultural Crossroads," Keynote Address, Conference on Teaching American History, North Texas State University, Denton, Texas, September 2005
- Elliott West, "Unheard Voices of Western History," Keynote Address, Annual State Meeting of Public School Teachers, Missoula, Montana, October 2005
- Elliott West, delivered two lectures as inaugural Robert L. Kindrick Distinguished Visiting Scholar, Wichita State University, November 2005.
- Randall Woods, "The Warrior, the Priest, and the Juggler: FDR and World Affairs," In the Shadow of FDR conference, Roosevelt Library, September 2005.
- Randall Woods, "LBJ and Great Britain," British Studies Seminar, University of Texas, Austin, Texas, December, 2005.

Refereed Presentations

- Lynda Coon, "Power and Eroticism in the Early Medieval West," Sewanee Medieval Colloquium, April 7, 2006.
- Joel Gordon, "The Slaps heard 'round the Arab World,'" Middle East Studies Association, Washington, D.C., November 2005.
- Kathy Sloan, "Seduction and Elopement in Law and Practice: Cases and Oaxaca, Mexico" *The Third International Colloquium on Gender and Mexican History*, Salt Lake City, Utah, September 2005.
- Richard Sonn, "Your Body is Yours: Anarchism, Birth Control and Eugenics in Interwar France," French Historical Studies Conference, Palo Alto, CA, March 2005.
- Trish Starks, "'Paper-wrapped Poison': Anti-smoking campaigns of the Revolutionary Era," American Association for the Advancement of Slavic Studies, Salt Lake City, UT, November 3-6, 2005.
- Henry Tsai, "ROC Trade Representatives and the Chinese in Southeast Asia," presented at the Chinese Studies Association of Australia 9th Biennial Conference, Bendigo, Australia, July 1, 2005.

Nonrefereed Lectures, Presentations and Panels

- Charles Robinson, "Interracial intimacy and Social Attitudes in Contemporary America," Phi Alpha Theta Conference, Tennessee Tech University
- Charles Robinson, "Negotiating the Intimacy Color Line in the New South," McNeese State University
- Kathy Sloan, Panel Participant, Tepoztlan Institute for Transnational Study of the Americas, Tepoztlan, Mexico, July 27-August 2, 2005, funded by Yale University, Duke University, and the University of Georgia.
- Trish Starks, "Public Health, Social Welfare Systems, and HIV/AIDS in Eurasia," Training Seminars for Policy Research, U.S. Department of State (Title VIII), organized by the SSRC and jointly hosted by the SSRC office in New York City and the Kennan Institute, Woodrow Wilson Center in Washington, D.C., June 6-9, 2006.
- Jeannie Whayne, "Sunk Lands and Rising Levees: Economic Power and the Control of Water," presentation to U of A Public Policy Students, October 26, 2005.
- Jeannie Whayne, "Arkansas Politics in the late 20th Century," Elder Hostel, Little Rock, Arkansas, November 18, 2005.

Book Reviews Published

Brogi (2); Bukey (2); Coon (1); Chappell (1); Schweiger (2); Sonn (1); Starks (1); Sutherland (5); West (2); Whayne (1)

JOURNALISM

Books

Purvis, Hoyt. Edited volume and wrote four sections: Media Issues and Trends (3rd Edition), Kendall/Hunt Publishers, 2005.

Articles Published/refereed journals

Wicks, Jan and Warren, Ron. "An Analysis of Twenty Years of Deceptive Informercials: Suggestions for Improving Infomercial Self-Regulation." *The Proceedings of the 2005 American Academy of Advertising*, East Lansing, Michigan, 2005.

(Accepted for publication)

Wicks, Jan. "Self-Regulation and Weight Loss Advertising: Staying Informed." *National Advertising Review Board Quarterly*. Spring 2006.

Unrefereed publications and proceedings

Purvis, Hoyt. Article: J. William Fulbright and the origins and development of the Fulbright exchange program. *Jiaoliu*, Chinese-language publication of the U.S. Embassy in China.

Purvis, Hoyt. Weekly political op-ed column, *Northwest Arkansas Times*.

Book reviews

Watkins, Patsy. Review of Regarding the Pain of Others by Susan Sontag. Published in *Visual Communication Quarterly*, fall 2005.

Invited lectures

Foley, Larry. Invited speaker: Elderhostel, at the Hot Springs Documentary Film Festival. Topic: "The 5Ws and H of Documentary Filmmaking."

Other lectures, papers, and oral presentations

Montgomery, Louise. Lectures in the Kyrgyz Republic and Azerbaija. June 2006

Refereed:

Montgomery, Louise. Paper presentations: Failure of TV interviewers to get at “the truth” in interviews with members of the Bush administration. InSite convention, Manchester, England. June 2006. Also at the International Association of Mass Communication Research, Cairo, Egypt. June 2006.

Purvis, Hoyt. Paper Presentation: “New Directions in Chinese Media? Openness vs. Control: Riding the Technological Tiger.” Southwest Education Council for Journalism and Mass Communication. University of Northern Colorado, fall 2005.

Watkins, Patsy. Paper presentation: “Newspaper Photo Coverage of the Little Rock (Arkansas) Central High School Integration Crisis, 1957: Images of Courage and Cruelty.” Viscom '05 conference, summer 05.

Watkins, Patsy. “Virtual presentation”: “Building Diversity through the Minority High School Journalism Workshop.” Diversity conference, New Orleans, June 2006

Creative endeavors such as documentaries, recitals, concerts, shows, performances and comparable activities

Refereed:

Carpenter, Dale. Documentary: *City of Visitors*. Broadcast on AETN. Received five awards, four of them national.

Non-refereed:

Foley, Larry and Carpenter, Dale. Documentary: *Echoes of Inspiration*. Produced for the UA celebration of the Campaign for the 21st Century.

Carpenter, Dale. Documentary: *A New Island*. Premiered in spring 2006.

MATHEMATICAL SCIENCES

PUBLICATIONS AND LECTURES BOOKS

Hogan, J., “Non-translation invariance in principal shift-invariant spaces”, in Advances in Analysis: Proceedings of the 4th International ISAAC Congress, ed. H.G.W. Begehr, R.P. Gilbert, M.E. Muldoon and M.W. Wong, World Scientific, Singapore, p. 471--485 (2005). (with J. D. Lakey)

Khavinson, Dmitry, “*Quadrature Domains and their Applications*”, co-editor (with P.Ebenfelt, B. Gustafsson and M. Putinar), Operator Theory Advances and Applications, vol. 156, Birkhäuser, 2005, 277pp., ISBN # 3-7643-7145-5.

REFEREED ARTICLES

Hogan, J., “*Hardy's theorem and rotations*”, Proceedings of the American Mathematical Society, 134 (2006), p. 1459-1466. (with J.D. Lakey)

Khavinson, Dmitry, “*Algebraic aspects of the Dirichlet problem with rational data*”(with P. Ebenfelt and Harold S. Shapiro), Operator Theory Advances and Applications, vol. 156, Birkhäuser, 2005, 151-172.

Khavinson, Dmitry, “*On the maximal number of zeros of certain rationalharmonic functions*” (with G.Neumann), Proc. Amer. Math. Soc, 134 (2006), no. 4, 1077-1085.

Khavinson, Dmitry “*On a theorem of J. Globevnik*”, Contemporary Math. Vol. 382 (2005), 227-228.

Khavinson, Dmitry, “*Extremal problems in Bergman spaces of analytic functions*”, (with D. Aharonov, C.Beneteau, H. S. Shapiro), S. Ya. Khavinson Memorial Volume, V. Eiderman and M. Samokhin editors, Operator Theory Advances and Applications, vol. 158, Birkhäuser, 2005, 59-86

Khavinson, Dmitry, “*Smooth functions in star-invariant subspaces*”, (with K. Dyakonov), Contemporary Mathematics 393 (2006), 59-66, edited by Alec L. Matheson, Michael I. Stessin, Richard M. Timoney.

Rieck, Y., “*An-annular complexes in 3-manifolds*”, Kyungpook Journal of Mathematics, volume 45 (2005), 549-559

Rieck, Y., “*A short proof of Bing's characterization of S^3* ” (accepted *Proceedings of the American Mathematical Society*).

Rieck, Y., “*A proof of Wadlhausen's uniqueness of splittings of S^3* ”(after Rubinstein and Scharlemann). Accepted for publication in "Geometry and Topology Monographs".

Rieck, Y., “*Universal Bound on the Heegaard genus of hyperbolic bundles over S^1* ” (joint with Mark Brittenham).

Schein, B., Alfred Tarski: “*Life and Logic. Mathematical Abstracts 1062*”(2005), 03-002,

Schein, B., “*Automorphisms of the endomorphism semigroup of a free inverse semigroup*”. 14 pp. Communications in Algebra, 2006.

Schein, B., E. S. Lyapin. 10 pp. Semigroup Forum, 2006.

Song, J. J., Conlon, E. M., and Liu, J.S.(2006), “*Bayesian Models for Pooling Microarray Studies with Multiple Sources of Replications*”, *BMC Bioinformatics*, 7:247.

Song, J. J., Ghosh, M., S.P. Miaou, and Mallick, B. (2006), "*Bayesian Multivariate Spatial Models for Roadway Traffic Crash Mapping*", Journal of Multivariate Analysis, 97, 246-273.

Song, J.J. and Miaou, S.-P. (2005), "*Bayesian Ranking and Selection of Sites for Engineering Safety Improvements: Statistical Criterion, Treatability assessment, and Cost Function*", Accident Analysis & Prevention, 37, 699-720.

NON-REFEREED PUBLICATIONS AND PROCEEDINGS

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>

Miaou, S.-P. and **Song, J. J.** (2005), "*Applications of Geocoded Traffic Crash Records and CrashRisk Mapping Technology in Roadway Safety Improvement Projects*", Technical Report, Southwest Region University Transportation Center.

Miaou, S.-P., Tandon, R., and **Song, J.J.** (2005), "*Providing Personalized Traffic Safety Information to the Public Using Web-Based Geographical Information System (WebGIS) Technologies*", Technical Report, Southwest Region University Transportation Center.

INVITED LECTURES

Hogan, J., November 2005 "*Frame-based nonuniform sampling of bandlimited signals*", American Mathematical Society Special Session on Wavelets, Frames and Related Expansions, Eugene, Oregon, invited.

Khavinson, D., July 2005, Workshop in gravitational microlensing, AIM Palo Alto, invited.

Khavinson, D., September 2005, Valency of certain harmonic functions and gravitational microlensing, Texas Tech University, colloquium talk, invited.

Khavinson, D., October 2005, Some algebraic aspects of the Dirichlet problem, Conference on Recent Advances in Operator Related Function Theory, plenary talk, Madrid.

Khavinson, D., October 2005, Zeros of rational harmonic functions and microlensing, Colloquium talk, Virginia Tech.

Khavinson, D., January 2006, Lightning bolts and the Dirichlet problem, Conference on Complex Analysis and Dynamical Systems, Naharia, Israel, invited talk.

Khavinson, D., January 2006, Algebraic aspects of the Dirichlet problem, Conference on Planar Harmonic mappings, Technion, Haifa, plenary talk.

Khavinson, D., January 2006, Algebraic aspects of the Dirichlet problem, Colloquium talk, Virginia Tech, invited.

Khavinson, D., January 2006, From the Fundamental Theorem of Algebra to Astrophysics; a “harmonious” path, Colloquium talk, Mississippi State University, invited.

Khavinson, D., February 2006, From the Fundamental Theorem of Algebra to astrophysics; a “harmonious” path, Colloquium talk, University of South Florida, invited.

Khavinson, D., March 2006, From the Fundamental Theorem of Algebra to astrophysics; a “harmonious” path, Colloquium talk, University of California at San Diego, invited.

Khavinson, D., March 2006, From the Fundamental Theorem of Algebra to astrophysics; a “harmonious” path, Colloquium talk, George Washington University, invited.

Khavinson, D., March 2006, From the Fundamental Theorem of Algebra to astrophysics; a “harmonious” path, Colloquium talk, University of Tennessee, invited.

Khavinson, D., April 2006, From the Fundamental Theorem of Algebra to astrophysics; a “harmonious” path, Colloquium talk, University of Delaware, invited.

Khavinson, D., April 2006, Dirichlet problem with the rational data, AMS Meeting in Durham, NH, Special Session on Complex Analysis, invited.

Khavinson, D., May 2006, Algebraic aspects of the Dirichlet problem, Complex and Harmonic Analysis Conference, Thessaloniki, Greece, invited talk.

Khavinson, D., July 2006, Gravitational lensing and complex dynamics, Berlin, Conference dedicated to M. Grossmann, invited talk.

Khavinson, D., September 2006, Potential theory viewed from the complex space, Conference on Complex Analysis and Potential Theory, Istanbul, Turkey, a plenary talk.

Lanzani, L., 2005, AMS meeting #1004; ESI (Austria); CIRM (Italy); Oberwolfach (Germany).

Rieck, Y., Industrial University Topology and Computers workshop, November 2005, Osaka, Japan

Rieck, Yoav, Israel Institute of Technology Technion, July 2005, workshop on Heegaard Splittings, 2 hours.

Kang, S., **Song, J. J.**, Wickham, G. S., Schadt, C. W., Zhou, J. (2006), Use of the Mantel Test for Statistical Validation of Functional Gene Array Data from Environmental Samples poster session, The 106th General Meeting of the American Society for Microbiology, Miami, FL.

Chung, D., Woo, H., Yu, S. and **Song, J. J.** (2006), Digital Multimedia Broadcasting; DMB Innovators and Their Media Use, 51th Annual Convention of the Broadcast Education Association, Las Vegas, NV.

Song, J. J., Ghosh, M., S.P. Miaou, and Mallick, B. (2005), Bayesian Multivariate Spatial Models for Roadway Traffic Crash Mapping, Invited Session on Risk Analysis, American Statistical Association Joint Statistical Meeting (JSM), Minneapolis, MN.

MUSIC

Books, Published Compositions, CD's recorded, etc.

James Greeson (composer/performer), musical score for documentary produced by Larry Foley and Dale Carpenter for the Univ. of Arkansas for presentation in October, 2005, for the Gala celebrating the conclusion of the "Campaign for the 21st Century."

Jura Margulis, re-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/>

Chal Ragsdale, arrangement of A Grainger Threesome; chosen for performance in Shattinger Music Company reading sessions in Arkansas, Oregon, Colorado, and Singapore (for the World Association of Bands and Symphonic Ensembles international convention).

Refereed articles

Claire Detels, "Whither Feminist Aesthetics: A Review-Essay of Carolyn Korsmeyer's Gender and Aesthetics: An Introduction" for ACT (Action, Criticism, Theory, an on-line refereed journal of the international Mayday group for reform in music education); accepted in October, published in November.

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.

Elizabeth Markham, "Zaoju qiyue yayue zhongdi xuanmlu heshi zhi canshu", in 2005 *Dongya gupu guoji xueshu yantao hui*, Shanghai, 2005, pp. 61-71.

Richard Ramey, "Playing Jazz and Improvising on Bassoon," *Midwest Double Reed Society Journal*, Part 1, Winter, 2005; Part 2, Spring, 2006.

Gerald Sloan, cover story about Cuban trombonist Juan Pablo Torres for the April, 2005, issue of *Latin Beat* magazine; reprinted in *International Trombone Association Journal*, Volume 34, Number 1.

Invited Lectures

Ronda Mains presented a paper at Oxford Round Table, *The Creation of a Subculture: The Decline of the Arts in a Society Dominated by Technology, Science and Economics*

Ronda Mains, with pianist Barbara Fast (University of Oklahoma), presented a paper/performance—"From film Score to Concert Hall; The Phenomenal Success of *Tango Jealousy* by Jakob Gade"—at the College Music Society International Meeting in Madrid, Spain.

Elizabeth Markham, 38th *World Conference of the International Council for Traditional Music*, August, 2005, Sheffield, England: Introduced the premiere of documentary film, *On the Road to Tang... through Cambridge*, (2004).

Elizabeth Markham, Exploring China's Musica Past: 10th International CHIME Meeting, October, 2005, University of Amsterdam, IAS (Leiden University), and the Royal Tropical Institute, Amsterdam The Netherlands:

Read Keynote Paper, "Tang melody in Heian editions: data for the historical musicologist, options for the experimental performer?"

Read Invited Panel Paper, 'Laurence Picken's unfinished gathering-up of threads on mode and 'modal modulation.'"

Elizabeth Markham, *Symposium for the Study of Chinese Ancient Tablature*, November, 2005, Shanghai, China: Position Paper, "Parameters of melody and time captured for early instrumental *Gagaku*."

Dale Misenhelter, with Stephen Hemphill, Northern Arizona University, *From Simple to Complex: World Percussion Techniques for Elementary Classrooms*, AOSA National Conference, Birmingham, AL, Nov., 2005.

Gerald Sloan, "Jazz in Film," as part of Fall Festival of the Arts, University of Arkansas.

Rembrandt Wolpert, Exploring China's Musica Past: 10th International CHIME Meeting, October, 2005, University of Amsterdam, IAS (Leiden University), and the Royal Tropical Institute, Amsterdam The Netherlands:

Read Keynote Paper, "Metronomes, Matrices, and Other Musical Monsters"

Rembrandt Wolpert, *Symposium for the Study of Chinese Ancient Tablature*, November, 2005, Shanghai, China: Position Paper, "Re-interpreting Sino-Japanese Instrumental Notations"; chaired session on "Studies of Chinese Music Manuscripts in the Past and at Present"

Other lectures, papers, and oral presentations

Dale Misenhelter, "What is Our Agenda?" Arkansas Music Educators Journal (*Segue*), 2005.

Rembrandt Wolpert presented the opening lecture for "Culture of the Nomads: Tibet, Mongolia, and Kazakhstan", at the University of Arkansas, in March, 2006.

Creative endeavors, concerts, shows, performances. (*Please see also, in the section entitled "Achievements in research" many faculty concerts, listed in detail*)

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

Publications and Presentations:

Books: 1 (manuscript completed—currently at publishers)

Chapters: 2

Refereed Articles: 4 (And additional 3 were accepted for publication)

Unrefereed Publications: 1

Invited Lectures: 3

Other Lectures: 2

PHYSICS

Books or Book Chapters Published

1. “Molecular Symmetry and Dynamics, Springer Handbook of Atomic,” Molecular, and Optical Physics Ch. 31, Editor Gordon Drake, Springer Verlag (Berlin 2005)

Refereed Journal Articles Published

1. "Future directions in electronic computing and information processing," J. Gea-Banacloche, and L. B. Kish, Proceedings of the IEEE 93, p. 1858-63 (2005).
2. "Dynamics of a two-level system strongly coupled to a high-frequency quantum oscillator," E. K. Irish, J. Gea-Banacloche, I. Martin, and K. C. Schwab, Phys. Rev. B 72, 195410 (2005).
3. "Constraints for quantum logic arising from conservation laws and field fluctuations," J. Gea-Banacloche and M. Ozawa, Journal of Optics B: Quantum and Semiclassical Optics 7, p 326-32 (2005).
4. "Quantum version of the Szilard one-atom engine and the cost of raising energy barriers," J. Gea-Banacloche and Harvey S. Leff, Fluctuation and Noise Letters 5, p C39-C47 (2005).
5. "A comparison of decoherence-free subsystem/subspace for partially broken symmetry," S. Siddiqui and J. Gea-Banacloche, Quantum Information and Computation 5, p 573-582 (2005).
6. "Mean-field treatment of the damping of the oscillations of a one-dimensional Bose gas in an optical lattice," Julio Gea-Banacloche, Ana María Rey, Guido Pupillo, Carl J. Williams, and Charles W. Clark, Phys. Rev. A 73, 013605 (2006).
7. "Ferroelectricity of perovskites under pressure," I. Kornev, P. Bouvier, P. E. Janolin, B. Dkhil, J. Kreisel and L. Bellaiche, Phys. Rev. Lett. 95, 196804 (2005).
8. "Low-dimensional ferroelectrics under different electrical and mechanical boundary conditions: Atomistic simulations," I. Ponomareva, I. Naumov and L. Bellaiche, Phys. Rev. B 7, 214118 (2005).
9. "Study of Potassium-Sodium-Niobate Alloys: A Combined Experimental and Theoretical Approach," J. Attia, L. Bellaiche, B. Dkhil, P. Gemeiner and B. Malic, Journal de Physique IV 12, 55 (2005).
10. "Properties of GaN/ScN and InN/ScN superlattices from first principles," V. Ranjan, S. Bin-Omran, D Sichuga, R. S. Nichols, L. Bellaiche and A. Alsaad, Phys. Rev. B 72, 085315 (2005).
11. "First Principles Study of Size Effect in BaTiO₃ 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).
12. "Combined theoretical and experimental study of the low-temperature properties of BaZrO₃," A.R. Akbarzadeh, I. Kornev, C. Malibert, L. Bellaiche and J.M. Kiat, Phys. Rev. B 72, 205104 (2005).

13. "Phase Diagrams of Epitaxial BaTiO₃ Ultrathin Films From First Principles," Bo-Kuai Lai, Igor A. Kornev, L. Bellaiche and G. J. Salamo, Applied Physics Letters 86, 132904 (2005).
14. "Morphotropic phase boundary of heterovalent perovskite solid solutions: Experimental and theoretical investigation of PbSc_{1/2}Nb_{1/2}O₃-PbTiO₃," R. Haumont, A. Al-Barakaty, B. Dkhil, J.M. Kiat and L. Bellaiche, Phys. Rev. B 71, 104106 (2005).
15. "Isostructural phase transitions in GaN/ScN and InN/ScN superlattices," V. Ranjan, S. Bin-Omran, L. Bellaiche and A. Alsaad, Phys. Rev. B 71, 195302 (2005).
16. "Combined theoretical and experimental study of the low-temperature properties of BaZrO₃," A.R. Akbarzadeh, I. Kornev, C. Malibert, L. Bellaiche and J.M. Kiat, Phys. Rev. B 72, 205104 (2005).
17. "Phase Diagrams of Epitaxial BaTiO₃ Ultrathin Films From First Principles," Bo-Kuai Lai, Igor A. Kornev, L. Bellaiche and G. J. Salamo, Applied Physics Letters 86, 132904 (2005).
18. "Morphotropic phase boundary of heterovalent perovskite solid solutions: Experimental and theoretical investigation of PbSc_{1/2}Nb_{1/2}O₃-PbTiO₃," R. Haumont, A. Al-Barakaty, B. Dkhil, J.M. Kiat and L. Bellaiche, Phys. Rev. B 71, 104106 (2005).
19. "Isostructural phase transitions in GaN/ScN and InN/ScN superlattices," V. Ranjan, S. Bin-Omran, L. Bellaiche and A. Alsaad, Phys. Rev. B 71, 195302 (2005).
20. "Magnetism at the interface between ferromagnetic and superconducting oxides," J. Chakhalian, J.W. Freeland, G. Srajer, J. Strempfer¹, G. Khaliullin, J.C. Cezar, T. Charlton, R. Dalgliesh, C. Bernhard, G. Cristiani¹, H-U. Habermeier and B. Keimer, Nature Physics 2, 244-248 (2006).
21. "Phonon structure in SrTiO₃ under finite electric fields: First-principles density functional approach," I. Naumov and H. Fu, Phys. Rev. B 72, 012304 (2005).
22. "Detecting Single Stranded DNA with a Solid State Nanopore," Fologea, D., M. Gershow, B. Ledden, D.S. McNabb, J.A. Golovchenko, and J. Li, Nano Letters 5, p. 1905-1909 (2005).
23. "Slowing DNA Translocation in a Solid-State Nanopore," Daniel Fologea, James Uplinger, Brian Thomas, David S. McNabb, and Jiali Li, Nano Letters 5, pp 1734 – 1737 (2005).
24. "Large electromechanical response in ZnO and its microscopic origin," D. Karanth and H. Fu, Phys. Rev. B 72, 064116 (2005).

25. "Organic-inorganic hybrid semiconductor $\text{ZnSe}(\text{C}_2\text{H}_8\text{N}_2)_{1/2}$ under hydrostatic pressure," A. Nazzal and H. Fu, Phys. Rev. B 72, 075202 (2005).
26. "Electronic properties and tenability in Si quantum rings," A. Nazzal and H. Fu, J. Applied Physics 98, 083703 (2005).
27. "Spontaneous polarization in one-dimensional $\text{Pb}(\text{ZrTi})\text{O}_3$ nanowires," I. Naumov and H. Fu, Phys. Rev. Lett. 95, 247602 (2005).
28. "Rotation Energy Surface prediction of geometry of SF_5CF_3 and spectral analysis of its degree of fluxionality," H. Crogman, V. Boudon, W. G. Harter and J. Mitchell, J. Mol. Spec. 50, 17 (2005).
29. "Coupling between Semiconductor Quantum Dots and Two-Dimensional Surface Plasmons," J. Zhang, Y.H. Ye, X. Wang, P. Rochon, and Min Xiao, Phys. Rev. B (Rapid Communications) 72, 201306(RC) (2005).
30. "Phase Gate with a Four-Level Inverted-Y System," A. Joshi and Min Xiao, Phys. Rev. A 72, 062319 (2005).
31. "Lasing Action in Colloidal CdS/CdSe/CdS Quantum Wells," J. Xu and Min Xiao, Appl. Phys. Lett. 87, 173117 (2005).
32. "Chaos in an Electromagnetically Induced Transparency Medium inside an Optical Cavity," W. Yang, A. Joshi, and Min Xiao, Phys. Rev. Lett. 95, 093902 (2005).
33. "Controlling Subluminal to Superluminal Behavior of Group Velocity with Squeezed Reservoir," A. Joshi, S.S. Hassan, and Min Xiao, Phys. Rev. A 72, 055803 (2005).
34. "Strong Optical Nonlinearity in Strain-Induced Laterally Ordered $\text{In}_{0.4}\text{Ga}_{0.6}\text{As}$ Quantum Wires on GaAs (311)A Substrate," Y.I. Mazur, Z.M. Wang, G.G. Tarasov, H. Wen, V. Strelchuk, D. Guzun, Min Xiao, G.J. Salamo, T.D. Mishima, G.D. Lian, and M.B. Johnson, J. Appl. Phys. 98, 053711 (2005).
35. "Photoluminescence Intermittency of $\text{InGaAs}/\text{GaAs}$ Quantum Dots Confined in a Planar Microcavity," X. Wang, W. Ma, J. Zhang, G.J. Salamo, Min Xiao, C.K. Shih, Nano Letters, 5, 1873 (2005).
36. "Controlled Release of Stored Optical Pulses in an Atomic Ensemble," Bo Wang, S. Li, H. Wu, H. Chang, H. Wang, and Min Xiao, Phys. Rev. A 72, 043801 (2005).
37. "Exciton Radiative Recombination in Spherical CdS/CdSe/CdS Quantum-Well Nanostructures," J. Xu, D. Battaglia, X. Peng, and Min Xiao, Appl. Phys. Lett. 87, 043107 (2005).

38. "Frequency Detuning and Power Dependence of Reflection from an Electromagnetically Induced Absorption Grating," A. Brown and Min Xiao, *J. of Modern Optics*, 52, 2365 (2005).
39. "Optimization of an Erbium-Doped Fiber Amplifier with Radial Effects," C. Cheng and Min Xiao, *Optics Communications*, 254, 215 (2005).
40. "Dark-State Polaritons Using Spontaneously Generated Coherence," A. Joshi and Min Xiao, *Euro. Phys. J. D* 35, 547 (2005).
41. "Generalized Dark-State Polaritons for Photon Memory in Multi-Level Atomic Media," A. Joshi and Min Xiao, *Phys. Rev. A (Rapid Communications)* 71, 041801(RC) (2005).
42. "All-Optical Switching and Routing Based on an Electromagnetically Induced Absorption Grating," A. Brown and Min Xiao, *Opt. Lett.* 30, 699 (2005).
43. "Resonant Raman Scattering and Atomic Force Microscopy of InGaAs/GaAs Multilayer Nanostructures with Quantum Dots," Ya. M. Valakh, V.V. Strelchuk, A.F. Kolomys, Yu. I. Mazur, Min Xiao, and G.J. Salamo, *Semiconductors*, 39, 127 (2005).
44. "Interdot Carrier Transfer in Asymmetric Bilayer InAs/GaAs Quantum Dot Structures," Y.I. Mazur, Z.M. Wang, Min Xiao, G.J. Salamo, J.W. Tomm, V.Talalaev, T. Elsaesser, and H. Kissel, *Appl. Phys. Lett.* 86, 063102 (2005).
45. "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).
46. "Dynamical Hysteresis in a Three-Level Atomic System," A. Joshi, W. Yang, and Min Xiao, *Opt. Lett.* 30, 905 (2005).
47. "The Hidden Side of a Laser Beam," J.W. Moore, Reeta Vyas, and S. Singh, in *Proceedings of Hall Symposium*, Eds. J. Bergquist and L. Hollberg, Chris Oates, and Loree Kaleth (World Scientific, Singapore, 2006)
48. "Detection of Photothermal Deflection Signal with Conjugate Masks," A. Sharma, G. Ycas, Z. Alahmed, and R. Gupta, *Applied Optics*, 44,3110-3116 (2005).
49. "Electrons as field quanta: A better way to teach quantum physics in introductory general physics courses," *Am. J. Phys.* 73, pp. 630-634 (2005).
50. "Arsenic-Rich GaAs(001) Surface Structure," V. P. LaBella, Z. Ding, and P. M. Thibado, *Surf. Sci. Reports*, 60, 1 (2005)
51. "Absolute Properties of the Eclipsing Binary Star RW Lacertae," C. lacy, G. Torres, A. Claret, and L.P.R. Vaz, *Astron. J.* 130, 2838 (2005).

52. "New Times of Minima of Some Eclipsing Variables," I.B.V.S. No. 5670 (2006).
53. "The Eclipsing Binary V1061 Cygni: Confronting Stellar Evolution Models For Active and Inactive Solar-Type Stars," C. Lacy, G. Torres, L. A. Marschall, H. A. Sheets, and J. A. Mader, *Astrophys. J.* 640, 1018 (2006).
54. "Absolute Properties of the Main-Sequence Eclipsing Binary Star EY Cephei," *Astron. J.* 131, 2664 (2006).
55. "Controlling toroidal moment by means of an inhomogeneous static field," S. Prosandeev, I. Ponomareva, I. Kornev, I. Naumov and L. Bellaiche, *Phys. Rev. Lett.* 96, 237601 (2006)
56. "Finite-temperature properties of (Ba,Sr)TiO₃ systems from atomistic simulations," Laura Walizer, Sergey Lisenkov and L. Bellaiche, *Phys. Rev. B* 73, 144105 (2006).
57. "Symmetry breaking at the nanoscale and diffuse transitions in ferroelectrics: A comparative study of PbSc_{1/2}Nb_{1/2}O₃ and PbZr_{0.6}Ti_{0.4}O₃," Jorge Iniguez and L. Bellaiche, *Phys. Rev. B* 7, 144109 (2006).
58. "Electric-field-induced domain evolution in ferroelectric ultrathin films," Bo-Kuai Lai, Inna Ponomareva, I. I. Naumov, Igor A. Kornev, Huaxiang Fu, L. Bellaiche and G. J. Salamo, *Phys. Rev. Lett.* 96, 137602 (2006).
59. "Polar and chemical order in relation with morphotropic phase boundaries and relaxor behaviour in bulk and nanostructured PSN-PT," R. Haumont, J. Carreaud, P. Geimeiner, B. Dkhil, C. Malibert, A. Al-Barakaty, L. Bellaiche and J.M. Kiat, *Phase transition* 79, 123 (2006).
60. "Ferroelectricity of perovskites under pressure," I. Kornev, P. Bouvier, P. E. Janolin, B. Dkhil, J. Kreisel and L. Bellaiche, *Phys. Rev. Lett.* 95, 196804 (2005).
61. "Low-dimensional ferroelectrics under different electrical and mechanical boundary conditions: Atomistic simulations," I. Ponomareva, I. Naumov and L. Bellaiche, *Phys. Rev. B* 7, 214118 (2005).
62. "Study of Potassium-Sodium-Niobate Alloys: A Combined Experimental and Theoretical Approach," J. Attia, L. Bellaiche, B. Dkhil, P. Gemeiner and B. Malic, *Journal de Physique IV* 128, 55 (2005).
63. "Properties of GaN/ScN and InN/ScN superlattices from first principles," V. Ranjan, S. Bin-Omran, D. Sichuga, R. S. Nichols, L. Bellaiche and A. Alsaad, *Phys. Rev. B* 72, 085315 (2005).

64. "Atomistic treatment of depolarizing energy and field in ferroelectric nanostructures," I. Ponomareva, I. Naumov, I. Kornev, Huaxiang Fu and L. Bellaiche, Phys. Rev. B72, 140102(RC) (2005).
65. "First Principles Study of Size Effect in BaTiO₃ 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).
66. "Combined theoretical and experimental study of the low-temperature properties of BaZrO₃," A.R. Akbarzadeh, I. Kornev, C. Malibert, L. Bellaiche and J.M. Kiat, Phys. Rev. B 72, 205104 (2005).
67. "Properties of Ferroelectric Ultrathin Films From First Principles," Igor A. Kornev, Huaxiang Fu and L. Bellaiche, Journal of Materials Science 41, 137-145 (2006)
68. "Selective growth of InGaAs/GaAs quantum dot chains on pre-patterned GaAs (100)," J. H. Lee, Zhiming Wang, B. L. Liang, W. T. Black, Vas P. Kunets, Yu. I. Mazur and G. J. Salamo, Nanotechnology **17**, 2275-2278 (2006).

Articles in Conference Proceedings

Refereed conference proceedings, such as the MRS meeting proceedings are listed in above. Most of our faculty members do not keep track of publications in the technical digests of conferences.

Invited Lectures

A partial list of invited and contributed talks, the abstracts of which are published in proceedings, are listed below. Many faculty members do not keep track of invited talks and presentations

1. "Phase transitions in ferroelectric," I. Naumov, *16th American Conference on Crystal Growth and Epitaxy and 12th US Biennial Workshop on Metal Organic Vapor Phase Epitaxy*, Montana, July 2005.
2. I. Naumov, "Phase transition and ferroelectricity in Pb(ZrTi)O₃ nanodots and nanowires, **Invited talk**, at 18th International Symposium on Integrated Ferroelectrics (April 23-27, Honolulu, Hawaii, 2006).
3. "Detecting Single DNA and Protein Structure Using a Solid-state Nanopore Device," Jiali Li, *Nanopore Biophysics Symposium, APS March Meeting*, Baltimore, MD, March 2006.
4. "Single protein analysis with a solid-state nanopore device," Jiali Li, *Single Molecule Approaches to Biology, Gordon Research Conference*, New London, NH, June 2006.

5. "Detecting single DNA and proteins by a solid state nanopore device," Jiali Li, *Harvard University Nanopore Group*, Cambridge, MA. June 2006.
6. "Damping of matter-wave currents in lattices due to "localizing" processes," J. Gea-Banacloche, *Princeton-TAMU Bose-Einstein Condensation Symposium*, Princeton University, October 2005.
7. "Analysis of nanoscale deformation in GaAs(100): Towards patterned growth of quantum dots." C. Taylor, R. Curtis, E. A. Stach, A. P. Malshe, and G. J. Salamo Materials Research Society Symposium Proceedings (2005), 864 (Semiconductor Defect Engineering--Materials, Synthetic Structures and Devices), 175-180.
8. "Intersubband transitions in In_{0.3}Ga_{0.7}As/GaAs multiple quantum dots of varying dot-sizes," Y. C. Chua, J. Liang, B. S. Passmore, E. A. DeCuir, M. O. Manasreh, Z. Wang, and G. J. Salamo, Materials Research Society Symposium Proceedings (2005), 829 (Progress in Compound Semiconductor Materials IV--Electronic and Optoelectronic Applications), 15-20.
9. "Controlling (In,Ga)As quantum structures on high index GaAs surfaces," S. Seydmohamadi, H. Wen, Z. Wang, and G. J. Salamo, Materials Research Society Symposium Proceedings (2005), 849 (Kinetics-Driven Nanopatterning on Surfaces), 155-160
10. "Coherent nonlinear beam interactions in 1D waveguide arrays," J. Meier, J. Aitchison, G. I. Stegeman, D. N. Christodoulides, R. Morandotti, H. Yang, G. Salamo, M. Sorel, and Y. Silberberg, Proceedings of SPIE-The International Society for Optical Engineering 5971, 1-9 (2005).
11. "InAs quantum dots coupled with strained InGaAs/GaAs coupled quantum-wells," X. Mu, Y. Ding, Z. Wang, G. J. Salamo, J. Little, Proceedings of SPIE-The International Society for Optical Engineering 5734 (Quantum Dots, Nanoparticles, and Nanoclusters II), 19-26 (2005).
12. "Coherence properties of light from optical parametric oscillators," R. Vyas and S. Singh, International Conference on Quantum Optics, Hongkong, China, December (2005)
13. "Synchronized chaos in a modulated bidirectional ring laser," International Conference on Quantum Optics, Hongkong, China, December 2005,
14. "Synchronized chaos in a modulated bidirectional ring laser," F. Rawwagah and S. Singh, International Conference on Quantum Optics, Hongkong, China, December 2005.
15. "How Our Disciplines Address the Momentum of Interdisciplinary Thinking," G. Stewart, *College Board Forum*, New York, NY, October 2005.

16. "Better prepared future teachers = better physics department!," G. Stewart, APS March Meeting, Baltimore, MD, March 2006.
17. "Undergraduate Learning Assistants," G. Stewart, PTEC (Physics Teacher Education Coalition) National Conference, Fayetteville, AR, March 2006.
18. "The population game," A. Hobson, Annual Meeting of the AAPT, Salt Lake City, UT, August 2005

Contributed Lectures and Presentations

Only a partial list follows as many faculty members do not keep track of these

1. "An efficient approach and its underlying mechanism of switching vortex moment in ferroelectric nanoparticles," I. Naumov and H. Fu, 2006 Workshop on Fundamental Physics of Ferroelectrics; Williamsburg, Virginia, February, 12-15, 2006.
2. "First-principles determination of chemical potentials and vacancy formation energy in lead titanate and barium titanate," Zeyad Alahmed and H. Fu, 2006 Workshop on Fundamental Physics of Ferroelectrics; Williamsburg, Virginia, February, 12-15, 2006.
3. "Spontaneous polarization in one-dimensional Pb(ZrTi)O₃ nanowires," I. Naumov and H. Fu, Annual APS March meeting, Baltimore, Maryland, March 13-17, 2006.
4. "Teaching electrons as field quanta in introductory physics," A. Hobson, Annual Meeting of the AAPT, Salt Lake City, UT, August 2005.
5. "Electrons as field quanta," A. Hobson, AOK section of AAPT, Oklahoma City, OK, October 2005.
6. "Cross-Polarization of paraxial Maxwell-Gaussian beams," Reeta Vyas and Surendra Singh, *OSA/DLS Annual Meeting*, Tuscan, AZ, October 2005.
7. "The x -component of a y -polarized Hermite-Gauss laser beam," Jared W. Moore, John Vickers, Reeta Vyas, and Surendra Singh, *OSA/DLS Annual Meeting*, Tuscan, AZ, October 2005.
8. "Conditional detection of fluctuations in the light from an atom in a high Q-cavity," J. Vines, R. Vyas, *OSA/DLS Annual Meeting*, Tuscan, AZ, October, 2005.
9. "Probing Ultrafast Carrier Dynamics in Semiconductor Nanostructures with Terahertz Pulses", D. G. Cooke, A. N. MacDonald, A. Hryciw, A. Meldrum, F. Hegmann, Yu. I. Mazur, H. Wen, W. Q. Ma, X. Wang, Z. M. Wang, G. J. Salamo, M. Xiao, T. Mishima, G. D. Lian, J. C. Keay, M. B. Johnson, J. Wang, Q. Li, Z. H. Wu, C. DeSouza, and H. E. Ruda, the 18th Annual Meeting of the IEEE Lasers & Electro-Optics Society (LEOS2005), Sydney, Australia, 23-27 October 2005.

10. "Optical characterizations of one-dimensional wetting layers in InGaAs/GaAs quantum dot chains," Xiaoyong Wang, Chih-Kang Shih , Zhiming Wang , Gregory Salamo, *APS March Meeting*, Baltimore, MD, March 13–17, 2006
11. "Carrier mobility as a function of InGaAs quantum well to quantum wire transition on GaAs (311)A," William Black, Vasyl Kunets , Baolai Liang , Yuriy Mazur , Zhiming Wang , John Shultz , Greg Salamo, *APS March Meeting*, Baltimore, MD, March 13–17, 2006.
12. "Surface photovoltaic of InGaAs/GaAs Quantum Dot Chains and Wires," Zhixun Ma, Samuel Mao, Zhiming Wang, Gregory J. Salamo, *Energy Nanotechnology International Conference*, MIT, Cambridge, MA, June 26-28, 2006.

Other Publications and Contributions

Numerous faculty reports to funding agencies and posters and presentations at local, state, and national meetings were made during AY 2005–2006. A very small sample follows.

1. "Editorial Section" every second Saturday in *Northwest Arkansas Times*, Emeritus Professor Art Hobson, usually about a science-related societal topic, sometimes about pure science.
2. "Teaching about evolution in physics courses," A. Hobson, Letter to *Journal of College Science Teaching*, September 2005.
3. "Considering physics first," A. Hobson, Letter to *The Physics Teacher*, November 2005, p. 485.
4. "AP physics: irrelevant, boring, and too difficult," A. Hobson, *APS News*, November 2005, p. 4.
5. "The evolution of intelligence," A. Hobson, Letter to *The Physics Teacher*, December 2005, p. 566.

Physics faculty also gave many other contributed lectures and presentations not listed here during AY 2005–2006. Many faculty members no longer keep records on invited and contributed talks by members of their groups.

POLITICAL SCIENCES

Books published.

Donald R. Kelley, ed. *Divided Power: The Presidency, Congress, and the Formation of American Foreign Policy*, (Fayetteville, AR: University of Arkansas Press) 2005.

Chapters published.

Donald R. Kelley, "Answering the 'Invitation to Struggle'", in *Divided Power: The Presidency, Congress, and the Formation of American Foreign Policy*, Donald R. Kelley, editor (Fayetteville, AR: University of Arkansas Press) pp. 1-18, 2005.

Donald R. Kelley, "Seeing Things in Perspective", in *Divided Power: The Presidency, Congress, and the Formation of American Foreign Policy*, Donald R. Kelley, editor (Fayetteville, AR: University of Arkansas Press) pp. 1-18, 2005.

Janine Parry and Will Miller "African Americans in the Arkansas General Assembly: 1972-1999" in *Politics in the New South: Representation of African Americans in Southern State Legislatures*, Charles E. Menifield and Stephen D. Shaffer, editors, (Albany, NY: State University of New York Press, 2005).

Janine Parry, "Women's Policy Agencies, the Women's Movement, and Political Representation in the U.S.," in *Women's Movements and Political Representation 1970-2000*, Joni Lovenduski, editor (Cambridge, MA: Cambridge University Press), 2005, 239-259.

Jeffery Ryan. "Turning on Their Masters: State Terrorism & Unlearning Democracy in Uruguay." In *When the State Kills*:

Contemporary State Terror in Latin America, Cecilia Menjivar & Nestor P. Rodriguez, eds. Austin, Texas: University of Texas Press, 2005.

Articles published.

Jay Barth and Janine Parry, "Still Swingin': Arkansas and the 2004 Presidential Race," *American Review of Politics*, 26(1-2).

Todd Donovan, Janine Parry, and Shaun Bowler, "A Theory and Model of Mass Support for Proportional Representation," *Social Science Quarterly*, 86(1): 147-159.

Andrew Dowdle, "Do Early Birds Get the Worm? Improving Timeliness of Presidential Nomination Forecasts," *Presidential Studies Quarterly*, 35(4), pp. 646-660.

Najib Ghadbian, "Jurists and Sultans: Dependence or Autonomy?" *The Arab Journal of Human Rights*. Vol 12, no. 3, 2005 (Arabic).

Sunshine Hillygus and Todd Shields, "Value Voters in the 2004 Presidential Election," *P.S. Political Science and Politics*, Vol. 2, pp. 201-10. Article was reprinted in *Quantitative Methods in Practice*, by David A. Rocheford, editor. Congressional Quarterly Press, Chapter 19.

Lisa Schur, Todd Shields, and Kay Schrinier, "Generational Cohorts, Group Membership, and Political Participation among People with Disabilities," *Political Research Quarterly*, Vol 58, pp.

Ka Zeng and Andrew C. Mertha, "Political Institutions, Resistance and China's Harmonization with International Law," *China Quarterly* 182 (June 2005), 319-337.

Articles accepted for publication.

Patrick J. Conge, "al mayyir fi al 'alakat aldualia." (The Norms in International Relations) in al majala al 'arabia fi dirasat aldualia (The Arab Journal of International Studies) 7 (2003): 71-100. (Not reported previously as recently confirmed its publication.)

Other articles.

Najib Ghadbian, "Balancing Act: US Foreign Policy & the Arab Israeli Conflict," by Vaughn P. Shannon. Book review for *International Journal of Middle East Studies*, Vol. 27, no 2, 2005.

Najib Ghadbian, "Challenges for the Syrian regime & oppositions," Essay for *The Arab File Magazine*, Vol. 1, no. 2, 2005 (Arabic)

Najib Ghadbian, "The American View of the Syrian Role in Lebanon," *Al-Jazeera.net*, May 5, 2005 (Arabic) Op-Ed Essay.

Najib Ghadbian, "Will the Syrian Regime Succeed in Nipping the Syrian Spring 2005?" *Elaph.com*, May 30, 2005, (Arabic) Op-ed Essay.

Najib Ghadbian, "Citizenship & Opposition in the Syrian Case," *Al-Quds al-Arabi*, August 2, 2005 (Arabic) Op-ed Essay.

Najib Ghadbian, "The Implications of International Investigation on Syria," *Al-Jazeera.net*, September 21, 2005 (Arabic) Op-ed Essay.

Margaret F. Reid, "Government: A Public Administration Perspective" by Jos C.N. Raadschelders, (Armonk, NY: M.E. Sharpe) 2003, Book Review for *Governance* 18(1) pp. 144-145.

Cynthia Reimenschneider, Myria W. Allen, Deborah Armstrong, Margaret F. Reid, "Making Sense of Barriers Women Face in the IT Work Force: Standpoint Theory, Self-Disclosure, and Cognitive Maps," working paper series, Walton College of Business, University of Arkansas. 2005.

Conrad Waligorski, *Freedom Reclaimed: Discovering the American Vision*, by John Schwab, a book review for *Choice*, Sept 2005.

Conrad Waligorski, *Covenants Without Swords: Idealistic Liberalism and two Spirit of Empire*, by Jeanne Marefield, a book review for *Choice*, June, 2005.

Ka Zeng, *Globalization and State Transformation in China* by Yongnian Zheng, a book review for *Journal of East Asian Studies*, 5:3 pp. 531-533.

Papers presented at conferences and other seminars.

Patrick J. Conge, "Interests as Illusions: The Energy of Ideas in the Relationship between the United States and Saudi Arabia," paper presented at the Middle East Studies Association Meeting, Washington, D.C., November 2005.

Patrick J. Conge, "Interests as Illusions" The United States, Saudi Arabia and the Idea of a "Special Relationship", America in the Middle East/The Middle East in America: An Interdisciplinary Conference, Beirut, Lebanon, 18-21 December 2005.

Andrew Dowdle, "State of the Parties: 2004 and Beyond" paper presented at "From Bumps in the Road to Fatal Blowouts: What Does the Collapse of Howard Dean and the Emergence of John Kerry Mean for the Nomination Process?" Akron, Ohio, October 2005.

Andrew Dowdle, "Bridging the Gap: Linkages between Presidential Nomination Elites and the Partisan Nomination Electorate, 1976-2004," paper presented at the Annual Meeting of the American Political Science Association, Washington, D.C., September, 2005.

Andrew Dowdle, "Win, Place or Show? Forecasting the 2004 Democratic Presidential Nomination," paper presented at the Annual Meeting of the Southern Political Science Association, New Orleans, Louisiana, January, 2005.

Najib Ghadbian, "Democratic Prospects in Syria," presentation at the Middle East Institute, Washington, D.C., April 1, 2005.

Najib Ghadbian, "Democratic Movements in Syria & Lebanon," with Michael Hudson(Georgetown) and Adib Farah (Lebanese American University), CSID Lecture Series, Washington, D.C., April 7, 2005.

Najib Ghadbian, "Challenges & Prospects of Political Liberalization in Syria," testimony before the House Committee on International Relations, US Congress, Washington, D.C., April 21, 2005.

Najib Ghadbian, "The Damascus Declaration" presentation to the working group on Syria, US Institute for Peace, Washington, D.C, October 27, 2005.

Najib Ghadbian, "A New Syrian Policy Toward Lebanon?" paper presented at the Middle East Studies Association Meeting, Washington, D.C., November 2005.

Najib Ghadbian, "Democratization and the Problem of Legitimacy in Saudi Arabia," paper presented at the conference on *Shura, Democracy & Good Governance*, Riyadh, Saudi Arabia, December 21, 2005.

Janine A. Parry and Bill Schreckhise, "Arkansas: The Status of African Americans and Women in the Border South," paper presented at the "New South Consortium: The Status of Women and Minorities in the New South", hosted by the Diane D. Blair Center of Southern Politics and Society, Fayetteville, AR, October 2005.

Janine A. Parry, Todd Donovan, Caroline Tolbert, and Dan Smith, "Policy for the Sake of Politics," paper presented at the fifth annual State Politics and Policy Conference, Lansing, Michigan, May 2005.

Janine A. Parry and Todd Donovan, "Keep the Rascals In? Explaining Support for Extending Term Limits," paper presented at the fifth annual State Politics and Policy Conference, Lansing, Michigan, May 2005.

Janine A. Parry and Dorothy McBride, "Femocrats in a Cold Climate: U.S. Women's Policy Machinery in the Era of Republican Dominance," paper presented at the 2005 Joint Session of the European Consortium for Political Research, April 2005.

Janine A. Parry, Todd Donovan, Caroline Tolbert, and Dan Smith, "Did Gay Marriage Elect George W. Bush?" paper presented at the Annual Meeting of the Western Political Science Association, Oakland, CA, March, 2005.

Janine A. Parry and Jay Barth, "Still Swinging: Arkansas and the 2004 Presidential Race," paper presented at the Annual Meeting of the Arkansas Political Science Association, February, 2005.

Janine A. Parry and Jay Barth, "Mobilizing Voters: A Closer Look at Campaign Contacts and Effects," paper presented at the Annual Meeting of the Southern Political Science Association, New Orleans, Louisiana, January, 2005.

Margaret F. Reid, "Ethics Dilemmas in Negotiated Accountability Settings," paper presented at the International Conference of Ethics and Integrity of Governance: First Transatlantic Dialogue, Leuven, Belgium, 2-5 June 2005.

Deborah Armstrong, Cynthia Riemenschneider, Margaret Reid, and Myria W. Allen, "The Life of a Women Working in IT," paper presented at the Women in Information Technology Conference, Rogers, Arkansas, March 2005.

William Schwab and Margaret Reid, "Applying the Principles of Cultural Resource Management to Economic Development through Sustainable Tourism," paper presented at the International Conference on Environmental, Cultural, Economic, and Social Sustainability, Honolulu, Hawaii, February 2005.

Jeffery Ryan. "Mas Alla da 'Basta Ya': Explaining the Timing and Scope of Anticorruption Reform in the Americas." Presented at the annual congress of the Centro Latinoamericano de Administracion para el Desarrollo, Santiago, Chile. October 2005.

Todd Shields and Molly Longstreth, "A Comparison of Within Household Random Selection methods for Random Digit Dial Surveys," paper presented at The Annual Meeting of the American Association for Public Opinion Research, Miami, Florida, 2005.

Todd Shields and Sunshine Hillygus, "Issue Voting in the 2000 Presidential Election," paper presented at the Annual Meeting of the Southern Political Science Association, Atlanta, Georgia, January, 2005.

Ka Zeng, "China's Emerging Legal Trade Strategy," paper presented at the Annual Meeting of the International Studies Association, Honolulu, Hawaii, March 2005.

PSYCHOLOGY

Book Chapters

1. **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.
2. **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.
3. **Behrend, D.A.**, & Scofield, J. (2005). Verbs, actions, and intentions. In R. Golinkoff & K. Hirsh-Pasek (Eds.), *When Action Meets Word*, (pp. 286-308). Oxford: Oxford University Press.
4. Bernstein, A., **Leen-Feldner, E. W.**, Kotov, R., Schmidt, N. B., & Zvolensky, M. J. (2006). Test of a panic-relevant diathesis-stress model using a taxonic index of anxiety sensitivity. In A. J. Sanfelippo (Ed.), *Panic Disorder: New Research*. (pp. 15 – 40). Hauppauge, NY, Nova Science Publishers.
5. **Leen-Feldner, E. W.**, Zvolensky, M. J., & **Feldner, M. T.** (2006). A test of a cognitive diathesis-stress model of panic vulnerability among adolescents. A. J. Sanfelippo (Ed.), *Panic Disorder: New Research*. (pp. 41 – 64). Hauppauge, NY, Nova Science Publishing.
6. Lilienfeld, S.O., Fowler, K.A., Lohr, J.M., Lynn, S.J. (2005). Pseudoscience, nonscience, and nonsense in clinical psychology: Dangers and remedies. In R.H. Wright, & N.A. Cummings (Eds.), Destructive trends in psychology: The well-intentioned path to harm (pp. 187-218). New York: Routeledge.
7. Lohr, J.M., Hamberger, L.K., Witte, T.H., & Parker, L.A. (2006). Scientific evidence for domestic violence treatment. In J. Fisher & W. O'Donohue (Eds.), Practitioners guide to evidence-based psychotherapy (pp. 258-265). New York: Springer.

8. Zvolensky, M. J., **Feldner, M. T., Leen-Feldner, E. W., & Yartz, A. R.** (2005). Exploring basic processes underlying acceptance and mindfulness. In S. Orsillo and L. Roemer (Eds.) *Acceptance and Mindfulness-based approaches to anxiety: Conceptualization and treatment* (pp. 325-359). Kluwer/Plenum Publishers.

Refereed Articles

1. **Feldner, M. T.,** Zvolensky, M. J., Stickle, T. R., Bonn-Miller, M. O., & Leen-Feldner, E. W. (2006). Anxiety sensitivity as a moderator of the emotional consequences of emotion suppression during biological challenge: An experimental test using individual growth curve analysis. *Behaviour Research and Therapy, 44*, 249-272.
2. Bernstein, A., Zvolensky, M. J., **Feldner, M. T.,** Lewis, S. F., Fauber, A. L., Leen-Feldner, E. W., & Vujanovic, A. A. (2005). Anxiety sensitivity taxon and trauma: Discriminant associations for posttraumatic stress and panic symptomatology among young adults. *Depression and Anxiety, 22*, 138-149.
3. Bernstein, A., Zvolensky, M. J., **Feldner, M. T.,** Lewis, S. F., & Leen-Feldner, E. W. (2005). Anxiety sensitivity taxonicity: A concurrent test of cognitive vulnerability for posttraumatic stress symptomatology among young adults. *Cognitive Behaviour Therapy, 34*, 229-241.
4. Bonn-Miller, M. O., Zvolensky, M. J., Leen-Feldner, E. W., **Feldner, M. T.** & Yartz, A. R. (2005). Marijuana use among daily tobacco smokers: Relationship to anxiety-related factors. *Journal of Psychopathology and Behavioral Assessment, 27*, 279-289.
5. **Leen-Feldner, E. W., Feldner, M. T.,** Bernstein, A., McCormick, J. T., & Zvolensky, M. J. (2005). Anxiety sensitivity and anxious responding to bodily sensations: A test among adolescents using a voluntary hyperventilation challenge. *Cognitive Therapy and Research, 29*, 593-609.
6. Yartz, A. R., Zvolensky, M. J., Gregor, K., **Feldner, M. T., & Leen-Feldner, E.** (2005). Health perception is a unique predictor of anxiety symptoms in nonclinical participants. *Cognitive Behaviour Therapy, 34*, 65-74.
7. Zvolensky, M. J., Baker, K., Yartz, A. R., Gregor, K., **Leen-Feldner, E., & Feldner, M. T.** (2005). Mental health professionals with a specialty in anxiety disorders: Knowledge, training, and perceived competence in smoking cessation practices. *Cognitive and Behavioral Practice, 12*, 312-318.
8. Zvolensky, M. J., **Feldner, M. T., Leen-Feldner, E. W.,** Gibson, L. E., Abrams, K., & Gregor, K. (2005). Acute nicotine withdrawal symptoms and anxious responding to bodily sensations: A test of incremental predictive validity among young adult smokers. *Behaviour Research and Therapy, 43*, 1683-1700.

9. Zvolensky, M. J., **Feldner, M. T., Leen-Feldner, E. W.,** & McLeish, A. C. (2005). Smoking and panic attacks, panic disorder, & agoraphobia: A review of the empirical literature. *Clinical Psychology Review, 25*, 761-789.
10. Zvolensky, M. J., Schmidt, N. B., Antony, M. M., McCabe, R. E., Forsyth, J. P., **Feldner, M. T., Leen-Feldner, E. W.,** Karekla, M., & Kahler, C. W. (2005). Evaluating the role of panic disorder in emotional sensitivity processes involved with smoking. *Journal of Anxiety Disorders, 19*, 673-686.
11. Hughes, J. N., **Cavell, T. A.,** Meehan, B. T., Zhang, D., & Collie, C. (2005). Adverse school context moderates the outcomes of selective interventions for aggressive children. *Journal of Consulting and Clinical Psychology, 73*, 731-736.
12. **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 Disorders, 19*, 2, 157 – 175.
13. **Beike, D. R.,** & Wirth-Beaumont, E. T. (2005). Psychological closure as a memory phenomenon. *Memory, 13*, 574-593.
14. **Lampinen, J.M.,** Odegard, T.N., Blackshear, E., & Toglia, M.P. (2005). Phantom ROC. In F. Columbus (Ed.), *Progress in Experimental Psychology Research*. Hauppauge NY: Nova.
15. **Lampinen, J.M.,** Meier, C., Arnal, J.A., & Leding, J.K. (2005). Compelling untruths: Content borrowing and vivid false memories. *Journal of Experimental Psychology: Learning, Memory and Cognition, 31*, 954-963.
16. **Lampinen, J.M.,** Judges, D., Odegard, T.N., & Hamilton, S. (2005). The reactions of mock jurors to the Department of Justice Guidelines for the collection and preservation of eyewitness evidence. *Basic and Applied Social Psychology, 27*, 155-162.
17. Odegard, T.N., **Lampinen, J.M.,** & Toglia, M.P. (2005). Meaning's moderating effect on recollection rejection. *Journal of Memory and Language, 53*, 416-429.
18. Neuschatz, J.S., Preston, E.P., Burkett, A.D., Toglia, M.P., **Lampinen, J.M.,** Fairless, A.H., Lawson, D.S., Powers, R.A., & Goodsell, C.A. (2005). The effects of post-identification feedback and age on eyewitness memory. *Applied Cognitive Psychology, 19*, 435-453.
19. Ackerman, S. J., Hilsenroth, M. J., & **Knowles, E. S.** (2005). Ratings of therapist dynamic activities and alliance early and late in psychotherapy. *Psychotherapy: Theory, Research, Practice, Training, 42*, 225-231.

20. Kees, J., Creyer, E. H., **Knowles, E. S.** (2006). Re-examining smokers' perceived vulnerability to disease: Self-report measures may not tell the whole story. *European Advances in Consumer Research*, 7.
21. **Lohr, J.M.**, Bonge, D., Witte, T.H., Hamberger, L.K., & Langhinrichsen-Rohling, J. (2005). Consistency and accuracy of batterer typology identification. *Journal of Family Violence*, 20, 253-258.
22. **Lohr, J.M.**, Olatunji, B.O., Parker, L.M., & DeMaio, C. (2005). Experimental analysis of specific treatment factors. *Journal of Clinical Psychology*, 61, 819-834.
23. Olatunji, B.O., Arrendell, A., & **Lohr, J.M.** (2005). Can the sex differences in disgust sensitivity account for the sex differences in blood-injection-injury fears? *Personality and Individual Differences*, 39, 61-71.
24. Olatunji, B.O., & **Lohr, J.M.** (2005). Nonspecific factors and the efficacy of psychosocial treatments for anger. *Scientific Review of Mental Health Practice*, 3, 3-18.
25. Olatunji, B.O., **Lohr, J.M.**, Sawchuk, C.N., & Westendorf, D.H. (2005). Using facial expressions as CSs and fearsome and disgusting pictures as UCSs: Affective responding and evaluative learning of fear and disgust in blood-injection-injury phobia. *Journal of Anxiety Disorders*, 19, 539-555.
26. Olatunji, B.O., Sawchuk, C.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.
27. 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. (2005). The Anxiety Sensitivity Profile revisited: A factor structure and psychometric properties in two non-clinical samples. *Journal of Anxiety Disorders*, 19, 603-625.
28. Olatunji, B.O., Tolin, D.F., Huppert, J., & **Lohr, J.M.** (2005). The relation between fearfulness, disgust sensitivity, and religious obsessions in a non-clinical sample. *Personality and Individual Differences*, 38, 891-902.
29. Olatunji, B.O., Williams, N.L., **Lohr, J.M.**, Sawchuk, C.N. (2005). The structure of disgust: Domain specificity in relation to contamination ideation and excessive washing. *Behaviour Research and Therapy*, 43, 1069-1086.
30. Olatunji, B.O., Williams, N.L., Sawchuk, C.N., & **Lohr, J.M.** (2006). Disgust, anxiety and fainting symptoms associated with blood-injection-injury fears: A structural model. *Journal of Anxiety Disorders*, 20, 23-41.

31. Penner, L.A., Dovidio, J.F., Piliavin, J.A., & **Schroeder, D.A.** (2005). Prosocial behavior: Multilevel perspectives. *Annual Review of Psychology*, 56, 365-392. (writing responsibilities were divided equally among the coauthors)
32. Riskind, J. H., & **Williams, N. L.** (2005). The Looming Cognitive Style and Generalized Anxiety Disorder: Distinctive Danger Schemas and Cognitive Phenomenology. *Cognitive Therapy and Research*, 29, 7 - 27.
33. **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 Disorders*, 19, 2, 157 - 175.

Invited Lectures

Beike, D. R. (2005). *Autobiographical memory and adaptation*. Invited paper presented at the Duck Conference on Social Cognition, Duck, NC.

Contributed Papers

- Vujanovic, A. A., Zvolensky, M. J., Bonn-Miller, M. O., Bernstein, A., McLeish, A. C., **Feldner, M. T.**, & Leen-Feldner, E. W. (2005, November). *Anxiety Sensitivity Interacts with Marijuana Use in the Prediction of Anxiety Symptoms and Panic-Related Catastrophic Thinking among Daily Tobacco Users*. Paper accepted for presentation at the 26th annual meeting of the Anxiety Disorders Association of America convention, Miami, FL.
- Bonn-Miller, M. O., Zvolensky, M. J., McLeish, A. C., McMahon, K., Leen-Feldner, E. W., & **Feldner, M. T.** (2005, May). *Marijuana Use and Anxiety Sensitivity among Daily Tobacco Smokers: Relationship to Anxiety-Related Factors*. Poster presented at the 39th annual Association for Behavioral and Cognitive Therapies convention, Washington, DC.
- Reardon, L., Leen-Feldner, E. W., Feldner, M. T., Tull, M. T., Roemer, L., Zvolensky, M. J., Reardon, L., & O'Dell, A. (2005). *An Examination of Worry in Relation to Anxious Responding to Voluntary Hyperventilation among Adolescents*. Poster presented at the 39th annual Association for Advancement of Behavior Therapy convention, Washington D.C.
- Leen-Feldner, E. W., Bernstein, A., Zvolensky, M. J., **Feldner, M. T.**, & Lewis, S. F. (2005, February). *Anxiety Sensitivity Taxonicity: A Concurrent Test of Risk for Posttraumatic Stress Symptomatology among Young Adults*. Paper presented at the 39th annual Association for Behavioral and Cognitive Therapies convention, Washington, DC.
- Lewis, S. A., Meltzer, A. L., Leen-Feldner, E. W., **Feldner, M. T.**, Babson, K. A., Zvolensky, M. J., Vujanovic, A. A., Gibson, L. A., Monson, C. M., & Bernstein, A. (2005). *Cigarette*

smoking to reduce negative affect: An investigation of trauma-exposed daily smokers.
Poster presented at the 39th annual Association for Behavioral and Cognitive Therapies convention, Washington D.C.

- McLeish, A. C., Zvolensky, M. J., **Feldner, M. T.**, & Marshall, E. C. (2005, November). *Agoraphobic Avoidance: Associations with Panic Vulnerability Factors.* Paper presented at the 39th annual meeting of the Association for Behavioral and Cognitive Therapies convention, Washington, D.C.
- Babson, K., Bucossi, M., **Feldner, M. T.**, Zvolensky, M. J., & Vujanovic, A. A. (2005, May). *A Risk Reduction Program Targeting the Prevention of Panic Problems.* Poster presented at the 13th annual Society for Prevention Research convention, Washington, D.C.
- Bonn-Miller, M. O., Zvolensky, M. J., McLeish, A. C., McMahon, K., Leen-Feldner, E. W., **Feldner, M. T.** (2005, March). *Marijuana Use and Anxiety Sensitivity among Daily Tobacco Smokers: Relationship to Anxiety-Related Factors.* Poster presented at the 25th annual Anxiety Disorders Association of America convention, Seattle, Washington.
- Burditt, C. T., Zvolensky, M. J., Gregor, K. L., **Feldner, M. T.**, Leen-Feldner, E. W. (2005, March). *Exercise and Emotion Vulnerability among Individuals with Panic Disorder.* Poster presented at the 25th annual Anxiety Disorders Association of America, Seattle, Washington.
- Gregor, K. L., Burditt, C., Leen-Feldner, E. W., McLeish, A., **Feldner, M. T.**, & Zvolensky, M. J. (2005, March). *Nicotine Withdrawal and Panic-Relevant Responding to a Biological Challenge.* Paper presented at the 25th annual Anxiety Disorders Association of America, Seattle, Washington.
- Yartz, A. R., Zvolensky, M. J., McMahon, K. L., Baker, K., Gregor, K., **Feldner, M. T.**, & Leen-Feldner E. W. (2005, March). *Mental Health Practitioners with a Specialty in Anxiety Disorders: Knowledge, Training, and Perceived Competence in Smoking Cessation Practices.* Poster presented at the 25th annual meeting of the Anxiety Disorders Association of America, Seattle, WA.
- Yartz, A. R., Zvolensky, M. J., Sachs-Ericsson, N., **Feldner, M. T.**, & Schmidt, N. B. (2005, March). *Neuroticism Moderates the Effect of Maximum Smoking Level on Lifetime Panic Problems: A Test Using an Epidemiologically Defined National Sample of Smokers.* Poster presented at the 25th annual meeting of the Anxiety Disorders Association of America, Seattle, WA.
- Yartz, A. R., Leen-Feldner E. W., Zvolensky, M. J., van Lent, J., Vujanovic, A. A., Bleau, T., Bernstein, A., Bielawski-Branch, A., & **Feldner, M. T.** (2005, March). *Anxiety Sensitivity Moderates History of Smoking in regard to Panic Attack Symptoms and Bodily Complaints: A Concurrent Test among Adolescents.* Poster presented at the 25th annual meeting of the Anxiety Disorders Association of America, Seattle, WA.

- Malcolm, K. T., Seay, A. D., & **Cavell**, T. A. (2005, November). Altering the peer ecology of aggressive children: Should we rethink the process of change? Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, Washington, DC.
- Seay, A. D., Malcolm, K. T., Peralta, L., Newgent, R. & **Cavell**, T. A. (2005, November). Peer victimization: Bridging the gap between home and school. Poster presented at the Annual Meeting of the Association for the Advancement of Behavior Therapy, Washington, DC.
- Behrend, D.A., & Scofield, J. (2005, April). *Children use Information about an Actor's Prior Intentions during Verb Learning*. Symposium paper presented at the Biennial Meetings of the Society for Research in Child Development, Atlanta, GA.
- Scofield, J., & Behrend, D. (2005, April). *Word Learning in the absence of joint attention*. Symposium paper presented at the Biennial Meetings of the Society for Research in Child Development, Atlanta, GA.
- McKee, L. G., Vijanovic, A. A., Zvolensky, M. J., Solomon, S. E., Bernstein, A., & **Leen-Feldner, E. W.** (2006, May). Emotional-Vulnerability and Mindfulness: Associations between Negative Affectivity, Anxiety Sensitivity, and Mindfulness Skills. Paper accepted for presentation at the 40th annual Association for Behavioral and Cognitive Therapies convention, Chicago, IL.
- Leen-Feldner, E. W.** (2006, May) State-of-the-art Methodology and Technology for the Study of Psychopathology among Youth: A Discussion of Contemporary Approaches for the Active Researcher. Symposium accepted for presentation at the 40th annual conference of the Association for Advancement of Behavioral and Cognitive Therapies, Chicago, IL.
- Leen-Feldner, E. W.**, Bernstein, W., Zvolensky, M. J., Feldner, M. T., & Lewis, S. F (2005). Anxiety Sensitivity Taxonicity: A Concurrent Test of Risk for Posttraumatic Stress Symptomatology among Young Adults. Paper presented at the 39th annual Association for Advancement of Behavior Therapy convention, Washington D.C.
- Gregor, K. L., Burditt, C., **Leen-Feldner, E. W.**, McLeish, A., Feldner, M. T., & Zvolensky, M. J. (2005). *Nicotine Withdrawal and Panic-Relevant Responding to a Biological Challenge*. Paper presented at the Anxiety Disorders Association of America, Seattle, Washington.
- Vujanovic, A. A., Zvolensky, M. J., Bonn-Miller, M. O., Bernstein, A., McLeish, A. C., Feldner, M. T., & **Leen-Feldner, E. W.** (2005). *Anxiety sensitivity interacts with marijuana use in the prediction of anxiety symptoms and panic-related catastrophic thinking among daily tobacco users*. Symposium accepted for presentation at the 26th annual meeting of the Anxiety Disorders Association of America convention, Miami, FL.
- Blanchard, L. A., Jones, R. E., O'Dell, A., Feldman, N. J., Babson, K., **Leen-Feldner, E. W.** , &

Zvolensky, M. J. (2006, May). *Health Fear as Moderator of the Relation between Smoking Status and Panic Symptoms among Adolescents*. Poster accepted for presentation at the 40th annual conference of the Association for Advancement of Behavioral and Cognitive Therapies, Chicago, IL.

Feldman, N., Jones, R., Reardon, L. E., Babson, K., O'Dell, A. J., **Leen-Feldner, E. W.**, & Zvolensky, M. J. (2006, May). *The interactive role of anxiety sensitivity and pubertal status in predicting panic vulnerability*. Poster accepted for presentation at the 40th annual conference of the Association for Advancement of Behavioral and Cognitive Therapies, Chicago, IL.

O'Dell, A. J., Jones, R., Bacon, A., Feldman N., Reardon, L. E., & **Leen-Feldner, E. W.** (2006, May). *The role of experiential avoidance in predicting anxious responding to a laboratory challenge in adolescents*. Poster accepted for presentation at the 40th annual conference of the Association for Advancement of Behavioral and Cognitive Therapies, Chicago, IL.

Lewis, S. F., Meltzer, **Leen-Feldner, E.**, Davidov, D., Fauber, A. L., Cole, C., & Gray, P. (2005, March) *The Role of Affective Vulnerability in Substance Use and Dependence*. Poster presented at the 39th annual Association for Advancement of Behavior Therapy convention, Washington D.C.

Gilmore, H. L., & **Stripling, J. S.** (2005, April). Differential habituation of unit activity, beta activity, and gamma activity in olfactory cortex. Twenty-seventh Annual Meeting of the Association for Chemoreception Sciences, Sarasota, Florida.

Stripling, J.S., & Gilmore, H.L. (2005, November). Regulation of neuronal firing patterns in olfactory cortex: Evidence for a critical role of cortical association fibers. Thirty-fifth Annual Meeting of the Society for Neuroscience, Washington, D.C.

Levine, W. H., Hagaman, J. A., Bogulski, C. A., Green, R. R., & Ortigo, D. S. (2005). Attention-focusing by mass-noun quantifiers in sentence comprehension. Poster presented at the 18th Annual CUNY Sentence Processing Conference, Tucson, AZ.

Levine, W. H., Hagaman, J. A., Bogulski, C. A., Green, R. R., & Ortigo, D. S. (2005). The effect of narrative time shifts on the representation of goal-related information. Poster to be presented at the 45th Annual Meeting of the Psychonomic Society, Toronto, ON.

Beike, D. R., & Naufel, K. Z. (2005). *Experiential versus cognitive influences on emotional self-report: The moderating role of temporal distance*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, LA.

Kees, Jeremy, Elizabeth H. Creyer, and **Eric S. Knowles** (2005), "Re- Examining Smokers' Perceived Vulnerability to Disease: Self-Report Measures May Not Tell the Whole Story," Presented at the 2005 European Association for Consumer Research Conference in Göteborg Sweden, June.

- Knowles, E. S.** Measuring resistance to persuasion. (2005). Invited presentation, Midwestern Psychological Association Convention, Chicago, May.
- Knowles, E. S., Wellence, J. T., & Riner, D. D.** (2005). Resistance to strong and weak arguments measured on-line. Poster, Society for Personality and Social Psychology Convention, New Orleans, January.
- Riner, D. D., **Knowles, E. S., & Steinberg, L. S.** (2005). Are some people better at thinking of opposites: An explanation of the endorsement bias. Poster, Midwestern Psychological Association Convention, Chicago, May.
- Riner, D. D., & **Knowles, E. S.** (2005). Resistance depletion: Watching TV commercials can reduce resistance to a persuasive message. Poster, Society for Personality and Social Psychology Convention, New Orleans, January.
- Steinberg, L. & **Knowles, E.S.** (2005). Detecting changes in the processes of self-report using item response theory. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, October.
- Arnal, J.D., & **Lampinen, J.M.** (2005). Prospective memory: A real world paradigm. Annual Meeting of the American Psychological Society. Los Angeles CA.
- Arnal, J.A., **Lampinen, J.M., & Leding, J.K.** (2005). Manipulating the implicit association test. Annual Meeting of the Southwestern Psychological Association. Memphis TN.
- Leding, J.K. & **Lampinen, J.M.** (2005). Global gist extraction in children and adults. Annual Meeting of the Southwestern Psychological Association. Memphis TN.
- Lampinen, J.M.** & Watkins, K.N. (2005). Response criterion and false recognition reversal. Annual Meeting of the Southwestern Psychological Association. Memphis TN.
- Watkins, K.N. & **Lampinen, J.M.** (2005). Phantom ROC. Annual Meeting of the Southwestern Psychological Association. Memphis TN.
- 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.
- DeMaio, C., & **Schroeder, D.A.** (2005, January). Social Consequences of Mental Illness Stigma. Paper presented at the Convention of the Society of Personality and Social Psychology, New Orleans.
- Kinsey, K., & **Schroeder, D.** (2005, March). Effects of magnitude of damages and clarity of causal role on judgments. Paper presented at the convention of the Southeastern Psychological Association, Nashville, TN.

- Steel, J.E. & **Schroeder, D.A.** (2005, May). Retributive and restorative justice seeking following severe inequity and blatant intentionality. Paper presented at the convention of the American Psychological Society, Los Angeles, CA.
- Nolan, J.M., Cromer, C., Chockbangboun, S., Cooper, P., & **Schroeder, D.A.** (2005, May). Normative beliefs mediate the relationship between normative information and behavioral intentions. Paper presented at the convention of the American Psychological Society, Los Angeles, CA.
- Connolly, K.M., Penkov, M., Patten, K., Olatunji, B.O., **Lohr, J.M.**, & **Williams, N.L.** (2005, November). Covariation and memory biases in Blood-Injection-Injury phobia. Paper presented at the 39th Annual Convention of the Association for Behavioral and Cognitive Therapies (aka AABT), Washington, D.C.
- Lohr, J.M.** (2005, November). Teaching students to think like scientists. Paper presented at the 39th Annual Convention of the Association for Behavioral and Cognitive Therapies (aka AABT), Washington, D.C.
- Abraham, A. C., Meunier, S., Olatunji, B. O., & **Williams, N. L.** (2005, November). Disgust sensitivity and cognitive processing bias in bulimia. Symposia presented at the Annual Conference of the Association of Behavioral and Cognitive Therapies. Washington, D.C.
- Elwood, L. S., Hahn, K. S., & **Williams, N. L.** (2005, November). Examining the relations between cognitive processes and emotion regulation in victims of sexual assault. Symposia presented at the Annual Conference of the Association of Behavioral and Cognitive Therapies. Washington, D.C.
- Elwood, L. S., **Williams, N. L.**, Hahn, K. S., & Jordan, C. (2005, November). A Cognitive Experimental Test of the Looming Cognitive Style in Victims and Non-Victims of Sexual Assault and Its Relation to Symptom Development. Poster presented at the Annual Conference of the Association for Behavioral and Cognitive Therapies. Washington, D. C.
- Hahn, K. S., McDonald, T. L., Elwood, L. S., & **Williams, N. L.** (2005, November). Testing the Validity of the Difficulties in Emotion Regulation Scale. Poster presented at the Annual Conference of the Association for Behavioral and Cognitive Therapies. Washington, DC.
- McDonald, T. L., Hahn, K. S., Barefield, L. K., Smith, M., & **Williams, N. L.** (2005, November). Cognitive accessibility of threat in chronic worry. Poster presented at the Annual Conference of the Association for Behavioral and Cognitive Therapies. Washington, DC.
- Reardon, J. M., Walters, K. D., & **Williams, N. L.**, (2005, November). Modeling the causal relationships of attributions and expectations in the hopelessness theory of depression: A Prospective Analysis. Poster presented at the Annual Conference of the Association for

Behavioral and Cognitive Therapies. Washington, D. C.

Reardon, L. E., Reardon, J. M., Motely, R., Walter, K. D., & **Williams, N. L.** (2005, November). A retrospective investigation of vulnerabilities to bulimic symptomatology. Poster presented at the Annual Conference of the Association for Behavioral and Cognitive Therapies. Washington, D. C.

Willems, J. L., Connolly, K. M., Olatunji, B. O., **Williams, N. L.**, & Lohr, J. M. (2005, November). Information Processing Biases in Disgust Sensitivity. Poster presented at the Annual Conference of the Association for Behavioral and Cognitive Therapies. Washington, D. C.

SOCIAL WORK

Books

Christy-McMullin

Christy-McMullin, K. (2006). Instructor's Manual for R.K. Chapin (2006). *Social Policy for Effective Practice: A Strengths Approach*. Boston, MA.: McGraw Hill.

Refereed Articles

Christy-McMullin

- **Christy-McMullin, K.** (2006). Economic resources and woman abuse: Differences and similarities among African American, Hispanic and White women. Journal of Ethnic & Cultural Diversity in Social Work, 14 (3/4), 103-124.
- **Christy-McMullin, K.** (2006). An evidenced-based approach to a theoretical understanding of the relationship between economic resources, race/ethnicity, and woman abuse. Journal of Evidenced-Based Social Work, 3 (2), 1-30
- Shobe, M.A. & **Christy-McMullin, K.** (2006). Joining an asset building program: The social and economic correlates. Journal of Evidenced-Based Social Work, 3 (1), 61-78.
- Shobe, M.A. & **Christy-McMullin, K.** (2005). The connection between health status and social security for low-income elderly women. Arete, 28 (2), 12-25.
- Shobe, M.A. & **Christy-McMullin, K.** (2005). Savings experiences past and present: Narratives among African American women. Affilia, 20 (2), 222-237.

Unrefereed publications and proceedings

House

- Co-author/editor BSW Self-Study, Council on Social Work Education
- Co-author/editor MSW Self-Study, Council on Social Work Education

King

Technical reports: two CSWE site visit reports (primary author)

Proceedings: Editor of Southwestern Social Work Association Proceedings – 2005

Murphy

Authored training curriculum for DCFS child welfare supervisors. Spring, 2006.

Reese

Media Interviews

Froelich, J. (2005). Interview of Reese, D., with Larry Braden and Deborah Erwin, broadcast on *Ozarks at Large* radio program, National Public Radio, 4-15-05. Interview about my research on cultural competence in hospice.

Froelich, J. (2005). Interview of Reese, D., with Larry Braden and Deborah Erwin, broadcast on *Health Show*, a nationally syndicated public radio program which airs on several hundred radio stations, week of 6/13/05. Interview about my research on cultural competence in hospice.

Jackson, K. (2005). Culturally competent end-of-life care. *Social Work Today*, 5(4), 28-31. Interview about my research on cultural competence in hospice.

Fisher, L. (2005). Unequal in life – and death? *The Fulbright Review*, 13(1). Interview about my research on cultural competence in hospice.

Cagle, J. (2005). National hospice social work survey results: Social work involvement reduces overall costs. *Hospice Management Advisor*, Interview about my research on cultural competence in hospice.

Young, M. (2006, Feb). *Hospice Management Advisor*, Interview about my research on cultural competence in hospice.

Invited Lectures

Christy-McMullin

Invited lectures

Christy-McMullin, K., & Shuster, K. “Barriers and Success of Participants in Arkansas IDA programs, and Future Research” 2005 Low-Income Regional

Advocates Leadership Summit, Little Rock, AR, Sept. 2005. Invited.
Regional Conference.

Refereed presentations

International

- **Christy-McMullin, K.** & Graham-Livingston, T. "Teaching Social Work and Social Policy: Action and Interaction in the Context of Social Development" paper presentation, European Branch of International Consortium for Social Development Conference, Warsaw, Poland, June 2006.
- **Christy-McMullin, K.,** & Snipes, A. "Economic resources and woman abuse: Differences and similarities among African American, Hispanic and White women," paper presentation, Inter-University Consortium for International Social Development Conference, Recife, Brazil, July 2005.

Hurd

Presented four workshops on grant writing at Fayetteville Adult Education

King

Guest lecturer in Biosciences and Sociology in Fall and Spring semesters

Murphy

Refereed presentations

International

Murphy, S. Y., "Impacting Child Welfare Policy: Voices of African American Grandmothers Raising Grandchildren," paper presentation, International Conference on Intergenerational Programming, Melbourne, Australia, June 2006.

National

Murphy, S.Y., Hunter, A.G. "From Big Mamma's Perspective: African American Grandmothers Raising Grandchildren," paper presentation, Generations United Conference, Washington, DC, AR, Sept. 2005.

Reese

National

Reese, D. (2006, February), with Csikai, Gerbino, Murty, & Walsh. *Preparation of social work educators to teach end-of-life care content.* Paper presented at the Annual Program Meeting of the Council on Social Work Education, Chicago, IL.

Other Lectures, Papers, Presentations

Allen

Presentations

- National Association of Social Workers, Arkansas Chapter: 2005; Lead Management for Success, Little Rock, AR
- Arkansas Coalition for Juvenile Justice: 2005; Lead Management in Juvenile Justice, Hot Springs, AR
- Basic Intensive Week under the auspices of the William Glasser Institute (May, 2005), Fayetteville, AR
- Mind Matters Seminars presenter, Fayetteville, Ar. Reality Therapy and Choice Theory

King

Presented papers

- Arkansas Sociological and Anthropological Annual Meeting (2005)
- BPD Annual meeting (2005)
- CSWE APM (2006)
- Southwestern Social Work Association (2006)

Murphy

Presentations

Women's History Month: African American Grandmothers Raising Grandchildren: Implications from Big Mamma's Perspective, University of Arkansas, Spring 2006

Reese

International Refereed Paper Presentation

Reese, D. (2005, July), with Woodruff, L. *God, guns, & gays: A Jungian analysis of the United States as global power*. Paper presented at the Inter-University Consortium for International Social Development's Biennial Symposium, Recife, Brazil.

National Refereed Paper Presentations

Reese, D., & Beckwith, S. (2005, August). *Organizational barriers to cultural competence in hospice*. Paper presented at the National Hospice and Palliative Care Association, Opening Doors, Building Bridges: Access and Diversity Conference, St. Louis, MO.

Reese, D. (2006, February). *Interdisciplinary perceptions of the social*

work role in hospice. Paper presented at the Annual Program Meeting of the Council on Social Work Education, Chicago, IL.

Creative Endeavors

Allen

Invited to submit article to Journal of the William Glasser Institute

Christy-McMullin

- Article describing research by Shobe, M. & **Christy-McMullin, K.** Successful savers provide window into the programs that helped them. (July 6, 2005). Great Diversity News: Expanding Economic Opportunities for Minorities and Women, 19 (23), 4. Available at: http://64.233.187.104/search?q=cache:XkZ5m-4pf8UJ:www.greaterdiversity.com/GDN/GDN_sample.pdf+marcia+shobe&hl=en
- Article describing research by Shobe, M. & **Christy-McMullin, K.** Successful savers provide window into the programs that helped them. (July 6, 2005). Today's Senior's Network. Available at: http://todaysseniorsnetwork.com/successful_saving.htm

King

Facilitated the memorial Service for Professor Debby Hall following her death in 2005.

SOCIOLOGY

Publications:

Corley, Sarah, Brent L. Smith, and Kelly R. Damphouse 2005 "The Changing Face of American Terrorism." In Lynne Snowden and Bradley Whitsell (Ed.) *Terrorism: Research, Readings, and Realities*. New York, NY: Prentice Hall.

Brent Smith, Kelly Damphousse, and Paxton Roberts "Pre-Incident Indicators of Terrorist Group Activities." Final report to the National Institute of Justice. Grant #2003DT-CX-0003, March 2006.

Chapters:

Fitzpatrick, Kevin M., Bettina Piko, and Darlene Wright, "A Tale of Two Cities: Health-Compromising Behavior among Hungarian and African-American Youth." *Sociological Studies of Children and Youth Annual* 10:189-212.

Holyfield, Lori, Lilian Jonas, and Anna Zajicek, "Adventure without Risk is Like Disneyland," *Edgework: The Sociology of Risk Taking*, Steve Lyng (ed), New York, Routledge, pp 177-196.

Smith, Brent (with Sarah Corley and Kelly Damphousse), "The Changing Face of American Terrorism," *Terrorism: Readings, Research and Realities*, Brad Whitsel and Lynn Snowden (eds), New York: Prentice-Hall, pp 49-62.

Yang, Song (with Pamela Feldman-Savelsberg and Flavien T. Ndonko), "How Rumor Begets Rumor: Collective Memory, Ethnic Conflict, and Reproductive Rumors in Cameroon," *Rumor Mills: The Social Impact of Rumor and Legend*, Gary Alan Fine, Veronique Campion-Vincent, and Chip Heath (eds), New Brunswick, NJ, Aldine Transaction, pp 141-159.

Anna Zajicek (with Holyfield, Lori and Lilian Jonas), "Adventure without Risk is Like Disneyland," *Edgework: The Sociology of Risk Taking*, Steve Lyng (ed), New York, Routledge, pp 177-196.

Refereed Articles:

Adams, Douglas and Kenneth D. Pimple, "Research Misconduct and Crime: Lessons from Criminal Science on Preventing Misconduct and Promoting Integrity", *Accountability in Research*, Vol. 12 (3) July-September, 2005, 225-240.

Kevin M. Fitzpatrick (with Bettina F. Piko and Darlene Wright), "A Risk and Protective Factors Framework for Understanding Externalizing Problem Behavior among Hungarian and American Youth," *European Journal of Child and Adolescent Psychiatry* 14: 95-103, 2005

Fitzpatrick, Kevin M., Bettina Piko, Darlene Wright, and Mark LaGory, "Depressive Symptomatology, Exposure to Violence, and the Role of Social Capital among African-American Adolescents," *American Journal of Orthopsychiatry*, 75:125-137, 2005

Smith, Brent (with Kathryn D. Morgan), "Parole Release Decisions Revisited: An Analysis of Parole Release Decisions for Violent Inmates in a Southeastern State," *Journal of Criminal Justice*, 33(3):277-287.

Smith, Brent (with Kathryn D. Morgan), "Victims, Punishment and Parole: The Effect of Victim Participation on Parole Hearings," *Criminology & Public Policy*, 4(2):333-360.

Smith, Brent, Kelly Damphousse, Song Yang, and Cristie Ginther, "Prosecuting Politically Motivated Offenders: The Impact of the Terrorist Label on Criminal Case Outcomes," *International Journal of Contemporary Sociology*, 42(2): 209-226.

Yang, Song and George Wilson, "Training Differentials in Contemporary Workplaces: An Empirical Assessment of Several Training Theories," *International Journal of Contemporary Sociology*, 42(2): 319-343.

Yang, Song (with Brent Smith, Kelly Damphousse, and Cristie Ginther), "Prosecuting Politically

Motivated Offenders: The Impact of the Terrorist Label on Criminal Case Outcomes,” *International Journal of Contemporary Sociology*, 42(2): 209-226.

Yang, Song, “English Non-fluency and Income Penalty for Hispanic Workers,” *Journal of Sociology and Social Welfare*, 32(3): 59-80.

Yang, Song (with Pamela Feldman-Savelsberg and Flavien T. Ndonko), “Remembering the Troubles: Reproductive Insecurity and the Management of Memory in Cameroon,” *Africa*, 75(1): 10-29

Adams, Douglas and Kenneth D. Pimple, “Research Misconduct and Crime: Lessons from Criminal Science on Preventing Misconduct and Promoting Integrity”, *Accountability in Research*, Vol. 12 (3) July-September, 2005, 225-240.

Kevin M. Fitzpatrick (with Bettina F. Piko and Darlene Wright), “A Risk and Protective Factors Framework for Understanding Externalizing Problem Behavior among Hungarian and American Youth,” *European Journal of Child and Adolescent Psychiatry* 14: 95-103, 2005

Fitzpatrick, Kevin M., Bettina Piko, Darlene Wright, and Mark LaGory, “Depressive Symptomatology, Exposure to Violence, and the Role of Social Capital among African-American Adolescents,” *American Journal of Orthopsychiatry*, 75:125-137, 2005

Smith, Brent (with Kathryn D. Morgan), “Parole Release Decisions Revisited: An Analysis of Parole Release Decisions for Violent Inmates in a Southeastern State,” *Journal of Criminal Justice*, 33(3):277-287.

Smith, Brent (with Kathryn D. Morgan), “Victims, Punishment and Parole: The Effect of Victim Participation on Parole Hearings,” *Criminology & Public Policy*, 4(2):333-360.

Smith, Brent, Kelly Damphousse, Song Yang, and Cristie Ginther, “Prosecuting Politically Motivated Offenders: The Impact of the Terrorist Label on Criminal Case Outcomes,” *International Journal of Contemporary Sociology*, 42(2): 209-226.

Yang, Song and George Wilson, “Training Differentials in Contemporary Workplaces: An Empirical Assessment of Several Training Theories,” *International Journal of Contemporary Sociology*, 42(2): 319-343.

Yang, Song (with Brent Smith, Kelly Damphousse, and Cristie Ginther), “Prosecuting Politically Motivated Offenders: The Impact of the Terrorist Label on Criminal Case Outcomes,” *International Journal of Contemporary Sociology*, 42(2): 209-226.

Yang, Song, “English Non-fluency and Income Penalty for Hispanic Workers,” *Journal of Sociology and Social Welfare*, 32(3): 59-80.

Yang, Song (with Pamela Feldman-Savelsberg and Flavien T. Ndonko), “Remembering the Troubles: Reproductive Insecurity and the Management of Memory in Cameroon,” *Africa*,

COMPARATIVE LITERATURE

BOOKS

BOOKER, K. *The Encyclopedia of Literature and Politics*. 3 vols. Greenwood, 2005.

DUVAL, J. and Raymond Eichmann. *From Adam to Adam: Old French Plays*. Pegasus Paperbooks, 2005.

CHAPTERS

BOOKER, K. "Science Fiction and the Cold War" *A Companion to Science Fiction*. Oxford: Blackwell, 2005. 171-84.

BOOKER, K. "English Dystopian Satire in Context." *A companion to the British and Irish Novel*. Oxford: Blackwell, 2005.32-44.

RESTREPO, L.F "Reflexiones sobre los estudios Muisca y las etnopolíticas de la memoria". *Los Muiscas: Representaciones, cartografías y etnopolíticas de la memoria*. Edited by Ana Gomez. Bogotá: Editorial de la Pontificia Universidad Javeriana, 2005. 316-330.

REFEREED ARTICLES

ARENBERG, N. "Wandering Towards Freedom: Mobile Bodies and Kindred Sisters." Manuscript is under consideration at the [French Review](#). (21 pages)

KAHF, M. "The Muslim in the Mirror" *Living Islam Out Loud*. Ed Saleemah Abdul Ghafur, ed. Beacon Press, 2005. 130-8.

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

RESTREPO, L.F. "Indigenismo e indianismo de tema muisca". *Memorias de Jalla 2004 Lima*. García Bedoya, compilador. Tomo III. Lima: Universidad Nacional de San Marcos, 2006. 1567-78.

RESTREPO, L.F. "La ópera Furatena de Uribe Holguín y el imposible duelo de la conquista en tiempos de la modernización salvaje". *Cuadernos de Literatura* [Bogota] 10.19 (2005): 10-23.

RESTREPO, L.F. "'Infausto teatro de sombras': la persistencia del trauma de la conquista en los dramas de Fernando de Orbea, Manuel Castell y Fernando González Cajiao" *Estudios de Literatura Colombiana* [Medellin] 18 (Enero-Junio 2006).

UNREFEREED PUBLICATIONS

COHEN, D. "British Literature After 1900," "Rebecca West" and "World War I." The Encyclopedia of Literature and Politics, edited by M. Keith Booker. Greenwood, 2005.

HAYDAR, A. Encyclopedia entry on "Rashid Al-Daif" and "Yusuf Habshi Al-Ashqar" solicited and accepted for publication by Greenwood Publishing Group for the Encyclopedia of Literature and Politics edited by M. Keith Booker, 2005.

RESTREPO, L. F. "Testimonio", Greenwood Encyclopedia of Literature and Politics. Ed. Keith Booker. Greenwood Press, 2005.

RESTREPO, L. F. "Indigenismo." Greenwood Encyclopedia of Literature and Politics. Ed. Keith Booker. Greenwood Press, 2005.

RESTREPO, L. F. "Rigoberta Menchú," Greenwood Encyclopedia of Literature and Politics. Ed. Keith Booker. Greenwood Press, 2005.

RESTREPO, L. F. "Roberto Fernández Retamar". Greenwood Encyclopedia of Literature and Politics. Ed. Keith Booker. Greenwood Press, 2005.

RESTREPO, L.F. "Language and Racism" Arkansas Democrat Gazette, May 30, 2006.

RESTREPO, L.F. "El castellano, ¿un idioma ilegal? El Latino de Arkansas [Little Rock]. June 9, 2006.

RICKER, J. "Andorra." In: Literary Encyclopedia (London, UK).

RICKER, J. "Homo faber." In: Literary Encyclopedia (London, UK).

RICKER, J. "Stiller." In: Literary Encyclopedia (London, UK).

RICKER, J. "Biedermann und die Brandstifter." In: *Literary Encyclopedia* (London, UK).

RICKER, J. "Adolf Musch", preparing for *LitEncyc*. London, UK.

INVITED LECTURES

DUVAL, J. "A Sticky in the Eye: Translating Robert's Romanesco Cyclops". American Literary Translators Association Conference. Montreal, Nov. 3, 2005.

FREDRICK, D. "The Cognitive Style of IT" New Futures: Humanities, Theory, Art. Inaugural Conference of the Buffalo Center for the Humanities. SUNY-Buffalo, Oct. 27-29, 2005.

HAYDAR, A. "The Poetics of Modern Arabic Poetry," a lecture presented to a select number of

scholars at the Rockefeller Conference Center in Bellagio, Italy, November 16, 2005.

HAYDAR, A. "Colloquial Lebanese Arabic: Syntax and Morphology" a lecture presented at the American University of Science and Technology in Beirut, July 29, 2005.

KAHF, M. "Teaching Arab American and Muslim American Literature." Hunter College, June 2005.

RESTREPO, L.F. "El indigenismo decimonónico y los límites del liberalismo clásico." Videoconference for the Instituto Pensar de Estudios Sociales y Culturales, Pontificia Universidad Javeriana, Bogotá. March 23, 2006. Invited presentation.

RESTREPO, L.F. "El Dorado y los líos de la memoria en Colombia." University of Northern Colorado, Greeley, Colorado. June 23, 2006. Invited presentation.

RESTREPO, L.F. "Confronting the Past in Contemporary Latin American Art" University of Arkansas at Fort Smith. October 10, 2005.

LECTURES, PAPERS, OTHER PRESENTATIONS

COHEN, D. "Is That Cultural Capital in your Pocket, or Are You Just Glad to See Me?" Experience Music Project Pop Conference. Seattle, April 2006.

COHEN, D. "Rebecca West, the Adam Brothers, and Organicist Aesthetics." Modern Language Association, Washington, D.C., December 2005.

COHEN, D. Co-leader, with Kevin Dettmar, of the Peer Seminar "Modernist Authenticities." Modernist Studies Association, Chicago, November 2005.

COHEN, D. "The Strange Necessity of T.S. Eliot" ("T. S. Eliot and Cultural Conflict" Peer Seminar). T. S. Eliot Society. St. Louis, Missouri, September 2005.

COHEN, D. "Rebecca West and Modernist Authenticities." International Rebecca West Society. New York, September 2005.

KAHF, M. Poetry Reading. Middle East Studies Program. U of Wisconsin, Madison. Oct. 6, 2005.

PRITCHETT, K. "Revision and the Purification of Vision in Espacio de emoción" Kentucky Foreign Languages Conference (national) in April 2006.

RESTREPO, L.F. "El indigenismo colombiano, ¿un proyecto fallido?. Latin American Studies Association International Congress. San Juan, Puerto Rico, March 15-18, 2006.

RESTREPO, L.F. "Teaching Colonial Latin America" Latin American Studies Association International Congress. San Juan, Puerto Rico, March 15-18, 2006.

RESTREPO, L.F. “Tengo los pies en la cabeza de Berichá: demandas y memoria indígenas en el contexto de las políticas pluriculturales de la constitución colombiana de 1991” Latin American Indian Literatures Association International Symposium. The Ohio State University, Columbus, Ohio, May 11-13, 2006.

RESTREPO, L.F “El indianismo decimonónico de tema muisca y los límites del liberalismo clásico” Modern Language Association Annual Convention. Washington, D.C. December 27-30, 2005.

RESTREPO, L.F “El rechazo del duelo y la expulsión del heroe: El insulto de Fresia a Caupolicán en La araucana” Second International Symposium of the Colonial Americas Studies Organization. Pontificia Universidad Javeriana, Bogotá August 8-10, 2005.

MICRO EP

Chronological listing of Publications and Conference Presentations focused on microEP-IGERT educational elements

1. Ken Vickers; “*Implementing an Industrial Approach into Physics Graduate Education*”; Invited talk, APS April Meeting, April 06, Dallas, TX
2. Ken Vickers, Ron Foster; “*Embedding Theory and Practice of Technology Group Management in an Interdisciplinary Science/Engineering Graduate Program*”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 06, Chicago, IL
3. Ken Vickers, Ron Foster, Greg Salamo; “*Creating an Industrial Work Group Atmosphere in Technology Graduate Programs: An Unexpected Impact on Minority Success in Graduate School*”; Poster and Refereed Conference Proceedings, ASEE Annual Conference, June 06, Chicago, IL
4. Ken Vickers; “*The microEP Hosted NSF REU Program after Five Years*”; Presentation, ASEE Midwest Conference, September 05, Fayetteville, AR
5. Ken Vickers, Greg Salamo, Ronna Turner; “*Graduate Physics Education – Adding Industrial Culture and Methods to a Traditional Graduate Physics Department*”; Presentation, APS March Meeting, March 2005, Los Angeles, CA
6. Ken Vickers, Greg Salamo, Ron Foster; “*Microelectronics-Photonics Interdisciplinary Science/Engineering Graduate Program Startup – Lessons Learned at the Five Year Point*”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 04, Salt Lake City, UT
7. Willyerd Collier, Benita Wolff, Ken Vickers; “*Institutional Linkages as a Race-Neutral Alternative*”; Presentation and Conference Publication, American Council for Education – Educating All of One Nation Conference on Diversity, October 2003, Atlanta, GA
8. Ron Foster, Ken Vickers, Greg Salamo, John Ahlen; “*Early Progress Indicators: an Innovation Incubator*”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 04, Salt Lake City, UT

9. Ken Vickers; “Where Science and Technology Based Education Can Lead”; Invited Panelist, Louis Stokes Louisiana Alliance for Minority Participation 7th Annual Student Research Conference, November 2003, New Orleans, LA
10. Ken Vickers, Greg Salamo; “Graduate Student Practice of Technology Management: The Cohort Approach to Structuring Graduate Programs”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2002, Montréal, Quebec, Canada
11. Ken Vickers, Greg Salamo, Willyerd Collier, Benita Wolff; “Land Grant Research University Partnerships with HBCUs for Enhanced Undergraduate Research Opportunities”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2002, Montréal, Quebec, Canada
12. Ron Foster, Ken Vickers, Greg Salamo, Otto Loewer, John Ahlen; “Launching an Innovation Incubator in a University Setting”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2002, Montréal, Quebec, Canada
13. Sarah Faitak, Greg Salamo, Ken Vickers, Matt Johnson, Monika Blair; “How to Embed Basic Science Concepts in a High School Robotics Design Contest”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2002, Montréal, Quebec, Canada
14. John Todd, Ken Vickers; “Business + Physics = Entrepreneurship Education”; Presentation and Conference Proceedings, International Council for Small Business World Conference June 2002, Puerto Rico
14. Ken Vickers; “Current State of Technology Entrepreneurship Education”; Invited Panel Member, National Collegiate Inventors and Innovators Alliance Annual Conference, March 2002,
15. Ken Vickers, John Todd; “Intra/Entrepreneurship of Technology – An Interdisciplinary Approach to Teaching Commercialization of Research” (Winner – National Instructional Innovation Award); Decision Sciences Institute Annual Conference, November 2001, San Francisco, CA
17. *of an Entrepreneurial University Culture, The University of Arkansas as a Case Study*; Journal of Engineering Education, p617, Vol. 90, No. 4, October 2001
18. Ken Vickers, Greg Salamo, Ronna Turner; “Graduate Physics Education – Industrial Style”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2001, Albuquerque, NM
19. Ken Vickers; “University of Arkansas Innovation Incubator: Flaming the Sparks of Creativity”; Invited Panel Member and Refereed Conference Proceedings, ASEE Annual Conference, June 2001, Albuquerque, NM
20. Ken Vickers, John Todd; “Ken Vickers, Greg Salamo, Otto Loewer, and John Ahlen; “Creation Research to Commercialization: Entre/Intrapreneurship of High Technology University Research for Creation of Local Start-up Companies”; Poster and Refereed Conference Proceedings, ASEE Annual Conference, June 2001, Albuquerque, NM
21. Ken Vickers and Greg Salamo, “Introducing Industrial Organizational Training into an Interdisciplinary Engineering/Science Graduate Program”; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2000, St Louis, MO
22. Ken Vickers and Peggy Samson, “The Role of a Middle/High School Engineering Design Contest in Student Preparation for Higher Education and Careers” ; Presentation and Refereed Conference Proceedings, ASEE Annual Conference, June 2000, St Louis, MO

WALTON COLLEGE OF BUSINESS

Books Published

Boone, L. Kurtz D., and Hearth, D., Planning Your Financial Future (4th edition), Mason, Ohio: Thomson South-Western.

Davis, C. Exploring the Business Process Using SAP, a 175 page guide through the business process with lab exercises. This material is available through the University Alliance, upon request. Original version written for Sap 4.6B (Fall 2004). Updated for SAP Enterprise (Spring 2005). Enterprise 2nd edition currently available, 2005.

Doke, E.R., Hardgrave, B.C., & Johnson, R.A., COBOL Programmers Swing with Java, New York, NY: Cambridge University Press, 2005.

Ganster, D., and Perrewé, P. Research in occupational stress and well being. Volume 4: Exploring interpersonal dynamics, Amsterdam: Elsevier JAI. 2005.

Gay, D. 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, 2005.

Hearth, D., Boone, L., and Kurtz, D. Planning Your Financial Future (4th edition), Mason, Ohio: Thomson South-Western. 2005.

Kurtz, D., and Boone, L. Contemporary Business 2006, Mason, OH, Thomson, 2006 (actually published 2005) 622 pages, 2005.

Kurtz, D., and Boone, L. Contemporary Marketing, Mason, OH, Thomson, 2006 (actually published 2005) 656 pages, 2005.

Kurtz, D., and Boone, L. The Best Thing Anybody Ever Said About Sports Management and Marketing, Mason, OH, Thomson, 2006 (actually published 2005), 202 pages Note: This book was sold as a trade book and used as a supplement to a textbook, 2005.

Kurtz, D., and Boone, L. Contemporary Marketing, Moscow, Unity-Dana, 2005 (first Russian edition), 993 pages, September 22, 2005.

Murray, J., Smith, S., Cole, J., Fisher, D., and Rapert, M. Fanatic Consumption: Reconsidering Fanaticism. 32 edition. Advances in Consumer Research, Provo, UT: Association for Consumer Research, Film, abstract published on page 7, 2005.

Murray, J., and Ozanne, J. Rethinking the Critical Imagination. Handbook of

Qualitative Methods in Marketing, London, UK: Edward Elgar Publishers, 2005.

Perrewe, P.L. & Ganster, D.C. (Eds.) (2005). Research in occupational stress and well being. Volume 4: Exploring interpersonal dynamics. Amsterdam: Elsevier JAI.

Chapters

Dehning, B., T. Stratopoulos, and Vernon J. Richardson. 2005. "Information Technology Investments and Firm Value," *Information and Management*, 42: 989-1008.

Oh, W., J. Kim and V.J. Richardson, "The Moderating Effect of Context on the Market Reaction to IT Investments," *Journal of Information Systems*, spring 2006.

Norwood, J., 2005. Gambling in the "Twenty First Century: Judicial Resolution of Current Issues," *Mississippi Law Journal*, 74 (3): 779-826.

Peters, G., 2005. "Corporate Governance Factors and Auditor Going Concern Assessments." Co-authors: Parker and Turetsky. *The Review of Accounting and Finance*, 4 (3): 5-29.

Peters, G., May 2005. "Earnings Management, Litigation Risk, and Asymmetric Audit Fee Responses." Co-authors: Larry Abbott and Susan Parker. *Auditing: A Journal of Practice and Theory*, 25 (1): 85-98.

Thomas D., Manly, T., and Ritsema, C.. 2005. "Attracting Nonfilers Through Amnesty Programs: Internal versus External Motivation," *Journal of the American Taxation Association*, 27 (Supplement): 75-95.

West, T., Buillon, Ferrier, Stuebs and Est. 2006. "The economic benefit of goal congruence and implications for management control systems," *Journal of Accounting and Public Policy*, 25: 265-298.

Refereed Articles

Aloysius, J. "Ambiguity Aversion and the Equity Premium Puzzle: A Reexamination of Experimental Data on Repeated Gambles." *Journal of Socio-Economics*, 2005, 635-655.

Aloysius, J.A., Davis, F.D., Wilson, D.D., Taylor, A.R., & Kottemann, J.E. (2006). User Preferences for Multi-Criteria Decision Support Systems. *European Journal of Operational Research*, 169(1), 273-285.

Anand, V., Ashforth, B., and Joshi, M. "Business as usual: The acceptance and perpetuation of corruption in organizations." *Academy of Management Executive*, (Special issue: Classic articles from AME) 2005.

Armstrong, D.J. "The Quarks of Object-Oriented Development" *Communications of the ACM*, 49:2 (2006), 123-128.

Britton, C. "Water Poverty and Economic Freedom: An International Comparison," co-authored with Richard K. Ford and David E.R. Gay, Forum of the Association for Arid Lands Studies, International Center for Arid and Semi-Arid Land Studies, Texas Tech University, Lubbock, TX, Vol. XX, No. 1, 2004, pp. 23-28.

Britton, C. "An Examination of the Most Recent Economic Cycle from an Arid Lands Perspective," Co-authored with Daniel Kuester, Forum of the Association for Arid Lands Studies, International Center for Arid and Semi-Arid Lands Studies, Texas Tech University, Lubbock, TX, Vol. XX, No. 1, 2004, pp. 52-64.

Britton, C. "Arid States as Locations for Fortune 500 Headquarters," Coauthored with Richard S. Smith. , Forum of the Association for Arid Lands Studies, International Center for Arid and Semi-Arid Lands Studies, Texas Tech University, Lubbock, TX, Vol. XX, No. 1, 2004, pp. 72-82.

Brown, S.A., & Venkatesh, V. (2005). Model of Adoption of Technology in the Household: A Baseline Model Test and Extension Incorporating Household Life Cycle. *MIS Quarterly*, 29, 399-426.

Burton, S., Jensen, T., Christie, J., and Mendoza, N. "Research Productivity in Prestigious Business Journals and Popular Press Business School Rankings: Divergence or Convergence?" *Journal of Business Research*, Issue April, 2005, 467-476.

Burton, S., Netemeyer, R., and Andrews, C. "The Effects of Anti-Smoking Advertising Beliefs on Adult Smokers Consideration of Quitting." *American Journal of Public Health*, Issue June, 2005, 1062-1066.

Burton, S. and Garretson, J. "The Role of Spokes-Characters as Advertisement and Package Cues in Integrated Marketing Communications." *Journal of Marketing*, Issue 4, 2005, 118-132.

Burton, S., Kees, J., Andrews, C., and Kozup, J., "Tests of Graphic Visuals and Cigarette Package Warning Combinations: Implications for the Framework Convention on Tobacco Control," *Journal of Public Policy & Marketing*, (scheduled publication date is fall 2006); recent annual acceptance rates range between 10 -14%

Burton, S., Kozup, J., and Creyer, B., "The Provision of Trans Fat Information and Its Interaction with Consumer Knowledge" *Journal of Consumer Affairs*; 2006 publication date

Chilton, M., Hardgrave, B., & Armstrong, D.J. (2005). Person-Job Cognitive Style Fit for Software Developers: The Impact on Strain and Performance. *Journal of Management Information Systems*, 22(2), 193-226.

Creyer, E. and Kozup, J. "Boundary Conditions of the Impact of a Hypervigilant Coping Style on the Subjective Decision Making Experience." *Psychology and Marketing*, 2005.

Creyer, E., Ross, W., and Kwortnik, R. "Usage-Based versus Measure-Based Unit Pricing: Is There a Better Index of Value?" *Journal of Consumer Policy*, 2005.

Cronan, T. P., Al-Rafee, S. (2006). Digital Piracy: Factors That Influence Attitude toward Behavior. *Journal of Business Ethics*, 63, 237-259.

Cronan, T.P., Jones, T., & Foltz, B. (2006). IT Misuse and Crime: An Empirical Analysis of Factors and Awareness of Policies. *Communications of the ACM*, 49(6), 85-90.

Cronan, T. P., & Douglas, D. E. (2006). Toward A Comprehensive Ethical Behavior Model for Information Technology. *Journal of Organizational and End User Computing*, 18(1), i-xi.

Cronan, T. P., Leonard, L. N. K., & Kreie, J. (2005). An Empirical Validation of Perceived Importance and Behavior Intention in IT Ethics. *The Journal of Business Ethics*, 56, 231-238.

Cronan, P., Leonard, L. K., and Kreie, J. "Electronic Supply Chain Management: Does the Consumer Benefit?" *International Journal of Integrated Supply Management*, Issue 3, 2005, 335-343.

Cronan, T. P., Jones, T., & Foltz, B. (2005). Have You Met Your Organization's Computer Usage Policy? *Industrial Management and Data Systems*, 105(2), 137-146.

Davis, F. D., Aloysius, J. A., Taylor, A. R., and Wilson, D. D. "User Preferences for Multi-Criteria Decision Support Systems." *European Journal of Operational Research*, 2006, 273-285.

Deck, C. and Wilson, B. "Auction Markets for Evaluations." *Southern Economic Journal*, Issue 1, 2005, 42-62.

- Deck, C. and Cox, J.C. "On the Nature of Reciprocal Motives." *Economic Inquiry*, Issue 3, 2005, 623-35.
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- Duffy, M., Scott, K., & O'Leary-Kelly, A. (2005). The radiating effects of intimate partner violence on occupational stress and well-being. *Research in Occupational Stress and Well-Being*, 4, 30-57.
- Ellstrand, A., Johnson, J., Dalton, D., and Dalton, C. "Board reputation and stockholder wealth: the influence of the financial press." *Strategic Management Journal*, 2005, 461-471.
- Farmer, A. and Pecorino, P. "Civil Litigation with Mandatory Discovery and Voluntary Transmission of Private Information." *Journal of Legal Studies*, 2005.
- Farmer, A. and Pecorino, P. "Pretrial Settlement with Contingency Fees." *Southern Economic Journal*, 2005.
- Ganster, D. and Logan, M. "An experimental evaluation of a control intervention to alleviate job stress." *Journal of Management*, 2005, 90-107.
- Ganster, D. "Executive job demands: Suggestions from a stress and decision making perspective." *Academy of Management*, 2005, 492-502.
- Gentry, J., Carter, C., Vellenga, D., and Allen, B. "Affiliation of Authors in Transportation and Logistics Academic Journals - A Reassessment." *Transportation Journal*, Issue 2, 2005. 54-64.
- Gupta, N., Shaw, J. and Delery, J. "Alternative conceptualizations of the relationship between voluntary turnover and organizational performance." *Academy of Management Journal*, 2005, 50-68.
- Gupta, N., Shaw, J., and Ledford, G. "Success and survival of skill-based pay plans." *Journal of Management*, 2005, 28-49.
- Hardgrave, B., Chilton, M., and Armstrong, D. "Person-Job Cognitive Style Fit For Software Developers: The Impact on Strain and Performance." *Journal of Management Information Systems*, Issue 2, 2005, 193-226.
- Hardgrave, B. and Armstrong, D. "Software Process Improvement: It's A

Journey, Not A Destination." *Communications of the ACM*, Issue 11, 2005, 93- 96.

Hardgrave, B., & Miller, R. (2006). The Myths and Realities of RFID. *International Journal of Global Logistics and Supply Chain Management*, 1, 1-16. [featured article]

Henderson, C. and Kaplan, S. "An Examination of the Role of Ethics in Tax Compliance Decisions." *The Journal of the American Taxation Association*, Issue 1, 2005.

Jandik, T. and Makhija, A. "Can Diversification Create Value? Evidence from the Electric Utility Industry." *Financial Management*, 2005.

Jandik, T. and Makhija, A. "Debt, Debt Structure and Corporate Performance after Unsuccessful Takeovers: Evidence from Target Firms that Remain Independent." *Journal of Corporate Finance*, Issue 5, 2005, 882-914.

Jandik, T. and Makhija, A. "Leverage and the Complexity of Takeovers." *The Financial Review*, Issue 1, 2005, 95-112.

Jensen, T.D., Siemens, J., Burton, S., and Mendoza, N. "An Examination of the Relationship Between Research Productivity in Prestigious Business Journals and Popular Press Business School Ranks." *Journal of Business Research*, Issue 4, 2005, 467-476.

Kurtz, D., Kees, J., and Tokar, T., "An Examination of Intrinsic and Extrinsic Motivational Factors that Affect Research Productivity of Marketing Academicians", *Journal of Advancement of Marketing Education*. Summer 2004, pp 9-15. Note: This article has a 2004 date, but the actual publication date was 2005.

Lee, J. "Marriage, Female Labor Force Participation, and Asian Zodiacs." *Economics Letters*, Issue 3, 2005, 427- 432.

Liu, P., Craig Schulman and Jorge Brusa, "The Weekend Effect, 'Reverse' Weekend Effect, and Investor Trading Activities," *Journal of Business Finance and Accounting*, September/October 2005, pp.1495- 1517.

Logan, M. & Ganster, D.C. (2005). An experimental evaluation of a control intervention to alleviate job stress. *Journal of Management*, 31, 90-107.

Mendez, F., Corrigan, P., and Glomm, G. "Aids, Crisis and Growth." *Journal of Development Economics*, Issue1, 2005, pp. 107-24.

Mendez, F. and Krause, S. "Policy Maker's Preferences, Party Ideology and

the Political Business Cycle." *Southern Economic Journal*, Issue 4, 2005, pp. 752-67.

Morris, M.G., Venkatesh, V., & Ackerman, P.L. (2005). Gender and Age in Technology Adoption and Usage Decisions: Toward the Emergence of a Unisex Work Force. *IEEE Transactions on Engineering Management*, 52, 69-84.

Mosebach, M. and HassabElnaby, H. "Culture's Consequences in Controlling Agency Costs: Egyptian Evidence." *Journal of International Accounting, Auditing and Taxation*, Issue 1, 2005, 19-32.

O'Leary-Kelly, A.M., Joshi, M., and Anand, V. "An organizational identity approach to strategic groups." *Academy of Management Review*.

O'Leary-Kelly, A.M., Duffy, M., Scott, K. "The radiating effects of intimate partner violence on occupational stress and well-being." *Research in Occupational Stress and Well-being*, 2005, 30-37.

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Ozment, J., and Spraggins, H. "Risk Modeling of Hazardous Materials Rail Movement to Include a Terrorist Incident." *Journal of Academy of Business Economics*, Issue 3, 2005, 126-139.

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- Bowes-Sperry, L. & O'Leary-Kelly, A.M. (2005). To act or not to act: The dilemma faced by sexual harassment observers. *Academy of Management Review*, 30(2), 288-307.
- Stapp, R., Oda, M., and Mihara, I. "On the New Export Sector in Developing Countries." *International Economic Journal*, Issue 4, 2005, 579- 587.
- Venkatesh, V., Morris, M., and Ackerman, P.L. "Gender and Age in Technology Adoption and Usage Decisions: Toward the Emergence of a Unisex Work Force." *IEEE Transactions on Engineering Management*, 2005, 69-84.
- Venkatesh, V., and Brown, S. "Model of Adoption of Technology in the Household: A Baseline Model Test and Extension Incorporating Household Life Cycle." *MIS Quarterly*, 2005, 399-426.
- Venkatesh, V., & Agarwal, R. (2006). From Visitors to Customers: A Usability-Centric Perspective on Purchase Behavior in Electronic Channels. *Management Science*, 52, 367-382.
- Venkatesh, V., & Ramesh, V. (2006). Web and Wireless Site Usability: Understanding Differences and Modeling Use. *MIS Quarterly*, 30, 181-206.
- Waller, M., Cassady, C., and Ozment, J. "Estimating Inventory Benefits of Cross Docking in a Decentralized Retail Supply Chain." *Transportation Research: Part E (The Logistics and Transportation Review)*, 2005.
- 2.4 Unrefereed Publications and Proceedings
- Bouwman, M. "Using Technology to Integrate Accounting into the Business Curriculum." Teaching and Curriculum Section's Newsletter of the American Accounting Association, 2005.
- Burton, S., Bates, K., and Kees, J., Huggins, K. "A Supersized Diary: Weighing In On Fast Food Consumption." Marketing and Public Policy Conference, Chicago, 2005.
- Burton, S., Kemp, E., Creyer, E., and Suter, T. "Counting those Carbs? An Experimental Assessment of Effects of Low Carbohydrate Claims and Nutrition Facts Carbohydrate Levels across Levels of Consumer Nutrition Processing Motivation." Marketing and Public Policy Conference, Chicago, 2005.
- Burton, S., Kozup, J., and Creyer, E. "The Moderating Role of Knowledge on Effects of Trans Fat Information in Nutrition Facts Panels on Consumer

Disease Risk Perceptions." Marketing and Public Policy Conference, Chicago, 2005.

Burton, S., Bates, K., and Huggins, K., "TO EAT OR NOT TO EAT: Effects of Objective Nutrition Information on Consumer Perceptions of Fast Food

Chains' Meal Healthiness, Future Health Concerns, and Meal Repurchase Intentions," AMA Winter Educators' Conference (forthcoming, February 2006), Chicago: American Marketing Association, (Winner for Best Paper in Marketing and Society Track)

Cronan, P., Kreie, J., Alt, K., and Leonard, L. K. "Do Ethical Views Differ in Different Situations? Using Pathfinder Associative Networks to Compare Views." ISECON Conference, October (4th Quarter/Autumn) 2005.

Douglas, D., and Thanopoulos, J. "A Comparative Look at Undergraduate Business Education: Greece vs. the United States." Association for Global Business, Miami Beach, Florida, November 17, 2005.

Glorfeld, L., Bala, H., and Miller, R. "Classifying network intrusions: comparison of data mining methods." American Conference on Information Systems, 2005, 1535-1543.

Jensen, T. (2005) "Choices, Purchases, & Satisfaction: The Last Mile," presented at the Flake-Wilkerson Market Insights – Keys to Satisfaction Conference, Understanding Consumer Behavior to Enhance Satisfaction session, Little Rock, Arkansas, May 4-5, 2005.

Jensen, T. (2005) "The 21st Century – Keys to Satisfaction," presented at the Flake-Wilkerson Market Insights – Keys to Satisfaction Conference, Understanding Consumer Behavior to Enhance Satisfaction session, Little Rock, Arkansas, May 4-5, 2005.

Kopp, S. "Exploring the Role of Death Anxiety in the Context of an End-of-Life Product." Academy of Marketing Science, Twelfth Biennial World Marketing Congress, Muenster, Germany, July (3rd Quarter/Summer) 9, 2005.

Kopp, S. and Kemp, E. (2005) "Regulation in the Death Care Industry: A Review and Agenda for Research," Proceedings of the 2005 Marketing & Public Policy Conference (Washington, D.C., May 20), 31.

Kurtz, D., Haley, D., Czepiec, H., Morris, L., Roxas, J., and Vredenburg, D.

"The Numbers Crunch Three Years Hence: Enrollment Peaks in 2008 with Faculty Shortages Forecasted in 2007." Marketing Educators' Association Conference, 2005.

Murray, J. B., Smith, S., Cole, J., Rapert, M., and Fisher, D. (2005), "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 published on page 7.

Ozment, J. "Risk Modeling of Hazardous Materials Rail Movement to Include a Terrorist Incident." Association of Business and Economics, 2005 Annual Conference, Las Vegas, NV. October (4th Quarter/Autumn) 19, 2005.

Ozment, J. and Cho, J. J., "The Importance of Logistics Capability in the ECommerce Market," *Journal of Transportation Management*, Vol. 16, No. 1 (spring 2005), pp. 15-29.

Reeves, C. The impact of domestic violence: a new study from the University of Arkansas shows that abuse at home takes a heavy toll on the workplace as well. Business Week Online - www.businessweek.com/smallbiz/content/dec2005/sb20051207_467644.htm. December 8, 2005.

Richardson, V., August 2005. "The Financial Performance Effects of Supply Chain Management Initiatives in Manufacturing Firms" (with B. Dehning and R. Zmud), American Accounting Association Annual Meeting.

Stapp, R. "Wal-Mart and the Japanese Economy." *Nippon Kezai Shimbun* article, recognized as the top financial publication in Japan. September 5, 2005.

Thanopoulos, J. & Douglas, D. A Comparative Look at Undergraduate Business Education: Greece vs. the United States, *Proceedings, Association for Global Business*, November 17-19, 2005. Miami Beach, Florida.

Todd, J. "Links between HRM, Leadership and Business Scandals." Links between HRM, Leadership and Business Scandals, Charleston, South Carolina. November 2005.

Todd, J. "Exploring recent business scandals and entrepreneurial antecedents: ethical leadership implications." Academy of Management, Honolulu, HI, August 2005.

Invited Lectures

Britton, C., and Gay, D., Stapp, R., "Assessing Critical Thinking in Principles of Economics", presented at Business and Leadership Symposium, Fort Hays State University, Hays, KS. (September 28, 2005).

Callahan ,C., July, 2005. "Negotiating the Academic Environment: Effective Strategies for Achieving the rank of Full Professor In Academe," American Association of Higher Education Leadership Conference, Savannah, GA. Prepared three-hour lecture session to help minorities and women reach the rank of professor with strong academic records.

Callahan, C., "The Impact of Firm Characteristics on Management Accounting Practices: an Empirical Analysis", Invited Research Discussant at AAA Annual Meetings, San Francisco. (August 2005).

Callahan ,C., August 2005. Invited Speaker - Introduction of the 2005 American Accounting Association Presidential Lecture speaker, Professor Katherine Schipper. Wrote introductory remarks in a two-day refinement effort that were well received by the national accounting audience, given the feedback from the executive council.

Callahan ,C., October 2005. Invited Research Discussant, *Journal of International Financial Management and Accounting* associated with the Research Conference for Accounting Educators. Contemporary International Accounting Issues, Bordeaux France.

Farmer, A., "Amended Final Offer Arbitration Outperforms Final Offer Arbitration", University of Otago Law School, New Zealand. (2005).

Farmer, A., "The Economics of Domestic Violence", presented at Economics Department, University of Otago, New Zealand. (2005).

Finn, D., September 29, 2005. "Corporate Governance and Financial Reporting Boundaries," ASCPA Presentation, Springdale, Arkansas.
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Finn, D., August 6, 2005. "Ethics Education at a Crossroads," 10th Annual Ethics Research Symposium – American Accounting Association Annual Meeting, San Francisco.

Finn, D., June 8, 2006. "A Classroom Example of Teaching Business Ethics," Teaching Business Ethics Conference, Boulder, Colorado.

Henderson, B., Nov. 17, 2005. Energy Policy Act of 2005 - Tax Incentives for Energy Efficiency," Northwest Chapter of the Arkansas Society of CPAs (ASCPAs)

Henderson, B., Dec. 2, 2005. Federal Tax Institute / state level meeting of ASCPAs.

Peters, G., November 2005. "Creating an AIS course for a Small 4-year Program," Arkansas Tech University.

Richardson, V., October 2005. Invited Discussion, University of Waterloo CISA, Discussion of "Market Reaction to E-commerce Impairments Evidence by Website Outages," by Severin Grabski.

Richardson, V., November 2005. Invited Presentation, Concordia University, "The Financial Performance Effects of Supply Chain Management Initiatives in Manufacturing Firms."

Richardson, V., January 2006. Invited Presentation, American Accounting Association Information Systems Section Mid-year Meeting. "Hot Topics in Accounting Information Systems."

Richardson, V., January 2006. Invited Presentation, American Accounting Association Information Systems Section Mid-year Meeting. "Empirical Research in IT Security."

Richardson, V., March 2006. Invited Presentation, Maastricht University, "Information Technology and the Volatility of Firm Performance."

Stassen, R., "Interstore and Intermarket Distances, Monitoring Costs and the Use of Company-Owned Outlets in United States Franchised Restaurant Systems", presented at International Society of Franchising Conference, University of Westminster, London, U.K. (2005).

Venkatesh, V., "Dead or Alive? Future of Technology Adoption Research.", Temple University. (December 2005).

Venkatesh, V., "Dead or Alive? Future of Technology Adoption Research.", Georgia State University. (October 2005).

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Venkatesh, V., "Usability", presented at City University of Hong Kong. (July 2005).

West, T., July 21, 2005. U.S. Army Southeast Regional Medical Command Conference. "An analysis of the Southeast region's adoption of performancebased

budgeting.”

West, T., February 14, 2006. European Meeting of the American College of Healthcare Executives. “The adoption of performance-based budgeting in the U.S. Army Medical Department.”

Williams, D., October 2005. “Building Fundraising Capacity in Business Schools,” Global Forum, Santiago, Chile.

Williams, D., November 2005. “The State of Accounting Education: Report from the Campus,” Annual Meeting, National Association of State Boards of Accountancy, Tucson, Arizona.

Williams, D., May 2006. Commencement Speaker, Sam M. Walton College of Business, University of Arkansas.

Williams, D., June 2006. “Models of Fundraising in Business Schools,” Canadian Federation of Business Schools, Vancouver, Canada.
2.6 Other Lectures, Papers, and Oral Presentations

Aloysius, J, Davis, F., Taylor, A., and Wilson, D., "Decision Anxiety and Decision Strategy Selection: An Affective Antecedent to Perceived Effort and Perceived Accuracy", presented at Society for Judgment and Decision Making annual meeting, Toronto. (November 2005).

Anand, V., Gupta, N., and Henderson, K., "Knowledge, ignorance and distortion: An expanded representation of belief structures in groups", presented at Annual Academy of Management, Honolulu. (2005).

Anand, V., A. 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 Annual Academy of Management, Honolulu, 2005.

Armstrong, D., "Teaching with Technology: Hands-On Seismic Examples and Human Insights for the 21st Century", presented at Peer reviewed professional development workshop. (2005).

Armstrong, D., "Teaching with Technology: Hands-On Seismic Examples and Human Insights for the 21st Century", presented at Annual Academy of Management Meeting, Honolulu, Hawaii. (August 2005).

Boston, K., "Freshman Business Connections: Revisiting the first year student", presented at National Academic Advising Association (NACADA) National Conference, National, Las Vegas, NV. (October 2005).

Britton, C. "The Political Economy of Arkansas Wine Shipment Regulation," with R.K. Ford and D.E.R. Gay. Association of Private Enterprise Education, Orlando, FL, April 5, 2005.

Britton, C. "Assessing Critical Thinking in Principles of Economics," with David E.R. Gay and Robert Stapp. Business and Leadership Symposium. Fort Hays State University, Hays, KS, September 28, 2005.

Britton, C., Ford, R., and Gay, D., "Bootleggers and Baptists: The Case of Arkansas", presented at Southern Economics Association, Washington, D.C. (November 20, 2005).

Callahan, C., August 2005. Panel Sessions at Beta Alpha Psi National Meeting, "The Benefits of an Academic Career" with Christine Botosan, University of Utah and Mark Bradshaw, Harvard University.

Callahan, C., Stuebs, M., and West, T., "The Impact of Labor Flexibility and Labor Leverage on Equity Risk and the Cost of Capital", presented at MAS conference, Scottsdale, Arizona. (2005).

Callahan, C., and Smith, R., "Firm Partnerships and Alliances: The Impact of Operating Risk Assessment on Financial and Market Performance", presented at MAS midyear conference. (2005).

Callahan, C., "The Cost of Equity Capital in the Defense Industry: Managerial Incentives and the Economic Impact of Mandatory Debt Accounting", presented at The Financial Management Annual Meetings, Chicago. (2005).

Callahan, C., Botosan, C., and Bradshaw, M. "The Benefits of an Academic Career", presented at Panel Sessions at Beta Alpha Psi National Meeting. (August 2005).

Callahan, C., "Negotiating the Academic Environment: Effective Strategies for Achieving the rank of Full Professor in Academe", presented at American Association of Higher Education Leadership Conference, Savannah, GA. (July 2005).

Davis, F., "The Road More Traveled", presented at International Conference on Information Systems - Junior Faculty Consortium, International, Las Vegas, Invited. (December 2005).

Davis, F.D. The Road More Traveled. Presented at International Conference on Information Systems - Junior Faculty Consortium, International, Las

Vegas. Invited. (December 2005).

Davis, F.D., Aloysius, J.A., Taylor, A.R., & Wilson, D.D. Decision Anxiety and Decision Strategy Selection: An Affective Antecedent to Perceived Effort and Perceived Accuracy. Poster presentation, Society for Judgment and Decision Making annual meeting, November 2005, Toronto.

Deck, C., "Amended Final Offer Arbitration is Improved Arbitration: Evidence form the Laboratory", presented at International Association of Conflict Management, Seville, Spain. (2005).

Deck, C., "Amended Final Offer Arbitration is Improved Arbitration: Evidence form the Laboratory", presented at International Meetings of the Economic Science Association, Montreal, Canada. (2005).

Deck, C., "An Experimental Examination of Catalytic Finance", presented at Missouri Economic Conference, Columbia, MO. (2005).

Deck, C., "Revisiting the Absentminded Driver", presented at North American Regional Meetings of the Economic Science Association, Tucson, AZ. (2005).

Deck, C., "An Experimental Examination of Catalytic Finance", presented at Southern Economic Association Meetings, Washington, DC. (2005).

Deck, C., "When Are Women More Generous than Men", presented at Southern Economic Association Meetings, Washington D.C. (2005).

Delery, J., Farmer, A., and O'Leary-Kelley, A., "Acquiring and Managing Human Capital: Exploring a Business Process approach to Curriculum Development", presented at Innovative teaching in Human Resources and Industrial Relations conference, Park City, Utah. (2005).

Delery, J.E., Kepes, S., & Gupta, N. (2005). High involvement work systems: An exploration of internal fit. Annual Meeting of the Academy of Management, Honolulu, HI.

Farmer, A. "Civil Litigation with Mandatory Discovery and Voluntary Transmission of Private Information" presented at Texas A&M University, April, 2005.

Farmer, A., "Amended Final Offer Arbitration Outperforms Final Offer Arbitration", presented at IACM, Seville. (2005).

Farmer, A. "Amended Final Offer Arbitration Outperforms Final Offer Arbitraion" presented at the University of Otago Law School, New Zealand, 2005.

Farmer, A. "The Economics of Domestic Violence: presented to the economics department at the University of Otago, New Zealand, 2005.

Ferrier, G., "Peer Effects and Hospital Performance", presented at American Public Health Administration, Philadelphia. (December 12, 2005).

Ferrier, G., "Efficiency and Risk: An Application of a Risk-Adjusted DEA Profit Model to Bank Holding Companies", presented at Ninth European Workshop on Efficiency and Productivity, Brussels. (July 1, 2005).

Ferrier, G. "The Role of Competition Hospitals on Performance" at the Ninth European Workshop on Efficiency and Productivity, Brussels, June 30, 2005

Finn, D., "How the journal process works? An ex-editor's viewpoint", guest presentation ACCT 6033. (2005).

Finn, D., "An Examination of Factors Affecting External and Internal Whistle-Blowing by Auditors", presented at 25th Anniversary AJPT Conference. (2005).

Finn, D., October 13, 2005. "The Effect of Program Commitment on the Degree of Participative Congruence and Managerial Performance in a Budgeting Setting" University of Arkansas Workshop.

Finn, D., "Corporate Governance and Financial Reporting Boundaries", presented at NWS CPA. (September 29, 2005).

Finn, D., "Panel Presentation of ACCT 4003H honors course", presented at 10th Ethics Research Symposium, San Francisco. (August 2005).

Galvin, J., McKinney, V., & Chudoba, K.M. From Me to We: the Role of the Psychological Contract in Team Formation, Accepted for the Journal of the Association of Information Systems Theory Development Workshop, December 2005.

Gay, D. E.R. "The Political Economy of Arkansas Wine Shipment Regulation," C.R. Britton, R. K. Ford, and D.E.R. Gay, Association of Private Enterprise Education, April.

Gay, D. E.R. "Perceptions of Water Quality in the State of Arkansas," C.R. Britton, R.K. Ford, and D.E.R. Gay, Association of Arid Lands Studies, April.

Gay, D. E.R. "Assessing Critical Thinking," C.R. Britton, D.E.R. Gay, and R. Stapp, Business and Leadership Symposium, September.

Gay, D. E.R. "Bootleggers and Baptists: The Case of Arkansas," C.R. Britton, R.K. Ford, and D.E.R. Gay, Southern Economic Association, November.

Goyal, S., Legorreta, L., and Rioli, L., "IT-Enabled Organizational Agility.", presented at Decision Science Institute Conference, San Francisco. (November 2005).

Gupta, N., "The spread of pay: individual and organizational concerns", presented at Society for Organizational Behavior Conference, Minneapolis. (2005).

Hardgrave, B., "The Role of Auto-ID Technologies, RFID, Bar Code, Biometrics, and Smart Card in Quality Decision Making and Supply Chain Integration", presented at Decision Sciences Institute Conference, San Francisco, California. (November 21, 2005).

Hardgrave, B., "The Three Waves of RFID", presented at The Ozarks Regional Purchasing and Supply Management Conference, Fayetteville, Arkansas. (November 2, 2005).

Hardgrave, B., "Utilizing RFID as a Facilitating Technology to Reduce Out of Stocks", presented at INFORMS Conference, San Francisco, California, (November 15, 2005).

Hardgrave, B., "The Three Waves of RFID", presented at 5th Annual Emerging Trends in Retailing Conference, Fayetteville, Arkansas. (October 20, 2005).

Hardgrave, B., "Exploring the Myths and Realities of RFID", presented at Society for Information Management (SIM), St. Louis, Missouri. (October 18, 2005).

Hardgrave, B., "RFID Data: What Does It Tell Us?", presented at Retail Link Users Group Meeting, Fayetteville, Arkansas. (October 12, 2005).

Hardgrave, B., "RFID Strategic Overview and Insights", presented at RFID Strategic Overview and Insights, Toronto, Canada. (September 27, 2005).

Hardgrave, B., Waller, M., and Miller, R. "Does RFID Reduce Out of Stocks? A Preliminary Analysis." This working paper was named by RFID Journal as the top RFID news for 2005. Has been downloaded more than 1100 times from the ITRI website. ITRI-WP058-1105, 2005.

Henderson, C., "Professional Education Session Developed and Delivered: Energy Policy Act of 2005 - Tax Incentives for Energy Efficiency", presented at Federal Tax Institute / state level meeting of ASCPAs. (December 2, 2005).

Henderson, C., "Professional Education Session Developed and Delivered: Energy Policy Act of 2005 - Tax Incentives for Energy Efficiency", presented at Northwest Chapter of the Arkansas Society of CPAs (ASCPAs). (November 17, 2005).

Hennelly, M., "Ethical leadership (Guest lecturer)", presented at Center for Management and Executive Development, University of Arkansas. (November 2005).

Hennelly, M., "Ethical leadership (Guest lecturer)", presented at Executive MBA program, University of Arkansas. (November 2005).

Hennelly, M., "Ethical leadership (Guest lecturer)", presented at Center for Management and Executive Development, University of Arkansas. (October 2005).

Hennelly, M., "Leadership (Guest lecturer)", presented at Global Procurement Division of Wal-Mart Stores, Inc., Bentonville, AR. (September 2005).

Horowitz, A., "Inequality in Child Academic Achievement in Single Parent Households: Evidence from Brazil", presented at Brazilian Econometric Society (SBE) Annual Meetings. (December 2005).

Horowitz, A., "The Dispersion of Intra-Household Human Capital across Children: A Measurement Strategy and Evidence", presented at Brazilian Econometric Society (SBE) Annual Meetings. (December 2005).

Johnson, J., Dunn, C., "The comedy of the commons", presented at International Association for Business and Society Annual Meetings, Yucatan, Mexico. (November 2005).

Johnson, J., "Diffusion networks inside organizations", presented at Intraorganizational Networks Conference, International, Atlanta, Georgia, Sponsored by Emory University, Invited. (October 2005).

Johnson, J., "Learn from the experts: Publishing social issues research in top general management journals", presented at Conference Discussant, expert mentor - Academy of Management (SIM Division). (August 2005).

Jones, T., "An Adventure Gone Awry", presented at Decision Sciences Institute Annual Meeting, San Francisco, California. (November 2005).

- Jones, T., Andrews, R. R., McCormick, C. C., Ragsdale, C. C., "Future of University Instruction in Statistics and Management Science", presented at Decision Sciences Institute Annual Meeting, San Francisco, California. (November 2005).
- Joshi, M. M., and Kepes, S. S., "Decision-making and organizational learning: Making the connection.", presented at Annual Meeting of the Southern Management Association, Charleston, South Carolina. (2005).
- Kali, R., "Financial Contagion on the International Trade Network", presented at Macroeconomics seminar series, University of Melbourne. (December 2005).
- Kali, R., Reyes, J., "Financial Contagion on the International Trade Network", presented at International Research Seminar, Harvard Business School. (2005).
- Kali, R., "Diversification, Propping and Monitoring: A Study of Indian Business Groups", presented at Washington D.C. (November 2005).
- Kali, R., "Social Embeddedness and Economic Governance", presented at Conference in Tribute to Jean- Jacques Laffon, University of Social Sciences, Toulouse. (July 2005).
- Kali, R. "Financial Contagion on the International Trade Network," (coauthored with Javier Reyes), presented at Economics Dept. Research Seminar, Williams College. Sponsor Williams College.
- Kali, R. "Financial Contagion on the International Trade Network," in the Macroeconomics seminar series of the University of Melbourne in December. Sponsor, University of Melbourne.
- Kali, R., and Reyes, J. The Architecture of Globalization: A Network Approach to International Economic Integration. Working paper, 2005, <http://wcob.uark.edu/rkali/TradeNetwork.pdf> .
- Kees, J., "Re-Examining Smokers' Perceived Vulnerability to Disease: Self-Report Measures May Not Tell the Whole Story.", presented at European Association for Consumer Research. (2005).
- Kees, J., "A Supersized Diary: Weighing in on Fast Food Consumption" and "Who Can Resist an Oreos? Choice Behavior and Gender Differences when Body Image Anxiety is Made Salient.", presented at Public Policy and Marketing Conference. (2005).
- Kepes, S., Delery, J.E. & Gupta, N. (2005). Contingencies in the impact of pay dispersion on perceptual and objective organizational outcomes. Annual Meeting of the Academy of Management, Honolulu, HI.

Lane, P., ITRI's Girl Scouts Girls Go Tech Workshop, University of Arkansas. (December 3, 2005).

Lee, J., "Sex Ratio, Female Labor Force Participation, and Civil Wars", presented at Southern Economic Association, Washington DC. (November 2005).

Littrell, R., "Economic Education for ESL Teachers", presented at NAEF Annual Conference, San Antonio. (October 2005).

Littrell, R., "Economic Education WebQuest Development Projects", presented at NAEF Annual Conference, San Antonio. (October 2005).

Manz, C., Joshi, M. and Anand. V. The Role of Values and Emotions in Newcomers' Socialization into Organizational Corruption. Proceedings of the Annual Academy of Management Meetings in Honolulu (2005).

McKinney, V., Galvin, J., Chudoba, K., "From Me to We: the Role of the Psychological Contract in Team Formation", presented at The Journal of the Association of Information Systems Theory Development Workshop. (December 2005).

Norwood, J., "A Sample Lecture on the Bankruptcy Reform Act of 2005", presented at Academy of Legal Studies in Business (ALSB), San Francisco. (August 2005).

O'Leary-Kelly, A. M., "Constructing deviants across levels", presented at Academy of Management Meetings, International, Honolulu, Hawaii. (2005).

O'Leary-Kelly, A. M., and Reeves, C. C., "Workplace Effects of Family Violence.", presented at a Conference Program at the Walton College of Business, (November 2005).

O'Leary-Kelly, A. M., "Debating constructive and destructive workplace deviance: Deliberations for the 21st century", presented at Academy of Management Meetings, International, Honolulu, Hawaii, (August 2005).

O'Leary-Kelly, A. M., Hardgrave, B. B., McKinney, V. V., Wilson, D. D., and Brooks, N. N., "The influence of professional identification on the retention of women and minorities", presented at Academy of Management Meetings, International, Honolulu, Hawaii, (August 2005).

Peters, G., "IT Skills and Knowledge for Entry-Level Auditors: Are Educators Meeting the Needs of the Profession", presented at American Accounting Association Audit Section Mid Year Meeting, New Orleans, LA. (2005).

Peters, G., Abbott, L., Parker, S., and Rama, D., "Audit Committee Effectiveness and Internal Audit Outsourcing", presented at American Accounting Association Information Systems Section Mid Year Meeting, New Orleans, LA. (2005).

Peters, G., Abbott, L., Parker, S., and Rama, D., "Audit Committee Effectiveness and Internal Audit Outsourcing", presented at American Accounting Association Annual Meeting, San Francisco, CA. (2005).

Peters, G., "Internal Control and IT: Reliable Reporting and Fraud Prevention", presented at CPE Workshop Arkansas Society of Certified Public Accountants, Branson MO. (November 28, 2005).

Peters, G., 2006 January. Western Regional American Accounting Association, Portland, OR. "Corporate Governance, Audit Quality and the Sarbanes-Oxley Act: Evidence from Internal Audit Outsourcing." Larry Abbott, Susan Parker Gary Peters.

Pincus, K., "Impact of the Accounting Education Change Commission "(keynote address), Colloquium on Accounting Education Change, Long Beach, CA, October 2005.

Pincus, K., "History of Accounting Education Change", presented at Colloquium on Accounting Education Change, Long Beach, CA. (October 2005).

Rapert, M. I., and Curington, W., "An Integrated Approach to the Undergraduate Business Core: Key Learnings from the First Year of Curriculum Change", presented at AACSB International Conference, San Francisco, California. (2005).

Rapert, M. I., and Curington, W., "Curricular Transformation at a Public University", presented at Academy of Management International Conference, Honolulu, Hawaii. (2005).

Reeves, C., Bates, C., and Lean, E., "The business costs of intimate partner violence", presented at Academy of Management Conference, Honolulu, Hawaii. (2005).

Reeves, C. & O'Leary-Kelly, A. Assessing the business costs of intimate partner violence. Accepted for the American Psychological Association conference on Work, Stress, and Health. Will be presented in March 2006.

Reyes, J., and Lopez, C., "Real Interest Rate Stationarity: A New Approach", presented at 5th Annual Missouri Economic Conference, Columbia, Missouri. (2005).

Reyes, J., and Kali, R., "Financial Contagion on the International Trade Network", presented at Midwest International Economics Group. (2005).

Reyes, J., Ball, C., "Can Inflation Targeting Perpetuate Current Account Deficits?", presented at 74th Annual Meeting of the Southern Economic Association, San Antonio. (November 2005).

Richardson, V., "Market Reaction to E-commerce Impairments Evidence by Website Outages by Severin Grabski", Invited Discussion, University of Waterloo CISA. (October 2005).

Richardson, V., "Information Technology Investment and Firm Financial Performance: A Meta-Analysis", presented at American Accounting Association Annual Meetings. New Scholar Concurrent Session. (August 2005).

Richardson, V., "The Financial Performance Effects of Supply Chain Management Initiatives in Manufacturing Firms", presented at Conference on Digital Environments, Shanghai, China. (July 2005).

Riemenschneider, C., Reid, M., Allen, M., and Armstrong, D. Affective Organizational Commitment in State Government: The Case of IT Employees. ITRI-WP062-1205-ES, Information Technology Research Institute Working Paper Series. 2005.

Sanchez, J., January 2006. "Managerial Consequences of Earnings Restatements," American Accounting Association Management Accounting Section (MAS) Meeting, Clearwater Beach, Florida.

Sanchez, J., August 2005. "Managerial Consequences of Earnings Restatements," American Accounting Association Meeting, San Francisco, CA.

Sanchez, J., August 2005. "Do Investors Value Social Responsibility? The Case of the Arthur Andersen Collapse," American Accounting Association Meeting, San Francisco, CA.

Shook, C., "Building a Better Peer Evaluation", presented at American Accounting Association. (2005).

Shook, C., "Advising Portfolios: Incorporating CAS Standards", presented at National Academic Advising Association. (2005).

Shook, C., "The Apprentice: The First Year Experience and Business", presented at National Academic Advising Association. (2005).

Shook, C., October, 2005. "Communication and Relational Skills," training session conducted by the Academic Advising Council at the University of Arkansas.

Shook, C., February 2006. "Ethics in Advising," training session conducted by the Academic Advising Council at the University of Arkansas.

Smith, R., January 2006. The following paper was presented at Kansas State workshop, Oklahoma State workshop, and AAA Southwest Regional Meeting. Church, Kim, and Rod Smith. 2006. "An Ontology-Based Dynamic Enterprise Model: A Proposal for Enterprise Planning." Working Paper.

Smith, R., June 2006. Contemporary Accounting Research conference. "Firm Partnerships and Alliances: The Impact of Partnering Relationships on Operating Risk and Financial Performance" (with Carolyn Callahan), Working Paper.

Stapp, R., "Assessing critical thinking problem solving in principles of economics", presented at Fort Hayes State University Business and Leadership Symposium, Fort Hayes State University. (September 2005).

Stassen, R., and Mittelstaedt, R. R., "Do Franchise Systems Advertise Too Much? U.S. Restaurant Expenditures and Performance 1988 to 1998", presented at Society of Franchising Conference. (2005).

Stassen, R., "Monitoring, Spatial Market Characteristics, and Ownership in Franchised Systems: Evidence from U.S. Restaurant Chains", presented at AMA Summer Educators' 2005 Conference, Advancing Marketing Theory and Practice, San Francisco. (July 29, 2005).

Thomas, D., "Beware: The IRS has Dramatically Expanded its Definition of "Wages" for Purposes of FICA, FUTA, and Federal Income Tax Withholding, by Mark Aquilio, St. John's University.", discussant at American Accounting Association Annual Meeting, San Francisco, CA. (August 2005).

Thomas, D., Manly, T., and Ritsema, C., "Paid Preparers and Electronic Filing of Individual Tax Returns", presented at American Accounting Association Annual Meeting, San Francisco, CA. (August 2005).

Trivitt, J., "College Attendance of the Sisters of Vietnam Draft Avoiders: The Other Unintended Legacy of the Vietnam", presented at Department of Economics, University of Arkansas. (November 2005).

Venkatesh, V. "Usability," City University of Hong Kong, July 2005.

Venkatesh, V. "Dead or Alive? Future of Technology Adoption Research," Georgia State University, October 2005.

Venkatesh, V. "Dead or Alive? Future of Technology Adoption Research," Temple University, December 2005.

Venkatesh, V. Panelist at the doctoral consortium at *Decision Sciences International Conference*, San Francisco, November 2005.

Venkatesh, V. Panelist at the junior faculty consortium at *International Conference on Information Systems*, Las Vegas, December 2005.

Venkatesh, V. "Assimilation of Interorganizational Business Processes," University of Arizona, February 2006.

Venkatesh, V. "Assimilation of Interorganizational Business Processes," University of California, Riverside, February 2006.

Venkatesh, V. "Assimilation of Interorganizational Business Processes," Michigan State University, February 2006.

West, T., "Cheating in college classrooms", presented at Arkansas Society of CPAs Educators Conference. (2005).

West, T., "Current topics in managerial accounting", presented at Northwest Arkansas Chapter of IMA. (2005).

West, T., June 15, 2006. Global Management Accounting Research Symposium. "Hospital Costs analysis, technical efficiency and the bias associated with organizational spending heuristics."

White, D., Follow-up on Human Resource, roundtable attended by HR Managers in Italy (summer session). 2005.

White, D., Planned and conducted two meetings to all CEOs and/or Presidents of Arkansas Corporations. (2005).

Williams, D., AACSB Associate Deans Conference and Data Management Conference, Chair and Moderator, Atlanta, Georgia.

Williams, D., June 30, 2006. "Responsibility Center Management: A Review and Implementation Strategies."

Ziegler, J., "US Middle East University Partnerships", presented at Synergy in Development Conference, Washington, DC. (2005).

COLLEGE OF EDUCATION AND HEALTH PROFESSIONS

Books

Gartin, B.C., Smith, T.E.C., Murdick, N.L. & Hilton, A. (2006). *Families and children with special needs*. Columbus, OH: Merrill.

Gearhart, G. D. (2006) *Philanthropy, Fund Raising, and the American Capital Campaign: A Practical Guide*. Washington D. C. NACUBO

Greene, J.P., Forster, G. & Winters, M.A. (2005). *Education Myths*. Lanham: Rowman and Littlefield.

Kirkpatrick, L. & Kirkpatrick, R. (2006). *The ADD ADHD revolution: Treatments that work*. New York: iUniverse, Inc.

Lucas, C. (2005). "Woolsey, Theodore Dwight (1801-1889)," *Dictionary of Modern American Philosophers*, 1860-1960. Bristol, U. K: Thoemmes Press.

Lucas, C. J. (2006) *American Higher Education, A History* (2nd ed.). New York: Palgrave Macmillan Ltd.

Nafukho, F. M., Mohan, D. Tiwari, G. & Khayesi, M. (2006). *Road traffic injury prevention: training manual*. Geneva: World Health Organization.

Neighbors, M. & Tannehill-Jones, R. (2006). *Human diseases* (2nd ed.). New York: Thompson.

Roessler, R. & Rubin, S. (2006). *Case management and rehabilitation counseling* (4th ed.). Austin, TX: PRO-ED.

Smith, T.E.C., Polloway, E.A., Patton, J.R. & Dowdy, C.A. (2006). *Teaching students with special needs in inclusive settings* (5th ed.) IDEA update.

Young, M. & Werch, C. (2005). *Keep a clear mind*. University of Arkansas, Health Education Projects Office, Fayetteville, AR.

Young, M. & Young, T. (2005). *Sex can wait: An abstinence education program for upper elementary school classrooms*. University of Arkansas, Health Education Projects Office, Fayetteville, AR: Teacher manual and student workbook.

Young, M., Core, P., & Schutz, S. (2005). *Sex can wait: An abstinence education program for middle school classrooms*. University of Arkansas, Health Education Projects Office, Fayetteville, AR: Teacher manual and student workbook.

Young, M., Core, P. Schutz, S. & Young, T. (2005). *Sex can wait: An abstinence education program for high school classrooms*. University of Arkansas, Health Education Projects Office, Fayetteville, AR: Teacher manual and student workbook.

Chapters

Brescia, W. (2005). Choctaw oral traditions relating to their origin. *The Choctaw before removal*. (2nd ed.). University of Mississippi Press.

Daugherty, M. & Custer, R. (Eds.) (2005). Construction technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2005). Entertainment and recreation technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2005). Medical technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2005). Transportation technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2006). Agriculture and related bio-technologies. In *International Technology Education Association/Center for the Advancement of Technology and Science*, Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2006). Energy and power technology. In *International technology education association/Center for the advancement of technology and science*. Reston,

VA.

Daugherty, M. & Custer, R. (Eds.) (2006). Information and communication technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

Daugherty, M. & Custer, R. (Eds.) (2006). Manufacturing technology. In *International technology education association/Center for the advancement of technology and science*. Reston, VA.

DiBrezzo, R. & Fort, I. (2006). Biomechanics. In Levinson, D., & Christensen, K. (Eds.) *Bershire Encyclopedia of World Sport*. (pp. 195-199). Great Barrington, MA: Berkshire Publishing Group,

DiBrezzo, R., Powers, M & Gray, M., (2005). Healthy knees for active women. In Ransdell, L., & Petlichkoff, L. (Eds.), *Ensuring the health of active and athletic girls and women*. Reston, VA: AAHPERD Publications.

Farley, R.C. & Rubin S.E. (2006). The intake interview. In Roessler, R.T. and Rubin S.E. (Eds.), *Case management and rehabilitation counseling*. (4th ed.). Austin, TX: Pro-Ed Publisher.

Greene, J.P. (2005). Buckets into the sea: Why philanthropy isn't changing schools, and how it could. In Frederick M. Hess (Ed.), *With the best of intentions*. Cambridge, MA: Harvard Education Press.

Greene, J.P. (2005). Choosing integration. In *School choice and diversity: What the evidence says*. In Janelle T. Scott (ed.), Teachers College Press.

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Anderson, G.B. (2006). *Celebrating our black deaf achievers*. Wisconsin School for the Deaf, Delevan, WI.

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- Brescia, W. & Mullins, C. (2006). *Project-based service learning: Examples from an educational technology master's program*. Ohio Digital Commons for Education (ODCE) Conference. Columbus, OH.
- Brescia, W. (2006). *Reservation Technology Needs*. American Educational Research Association, Indigenous Peoples SIG, San Francisco, CA.
- Brescia, W. & Murphy, C. (2006). *The role of educational technology professionals as perceived by building administrators*. Society for Information Technology & Teacher Education International. Orlando, FL.
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- Calleja, P., Turner, R. C. & Salamo, G. (2005). *University of Arkansas K-12, I do science*. Poster session presented at the GK12 meeting of the National Science Foundation, Washington, DC.
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- Smith-Nix, A. (2006). *Load 'em up and move 'em out: Legal issues with student field trips and projects*. Sport and Recreation Law Association Conference, Albuquerque, NM.
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Kashyap, A. S., B. Ozpineci, and H. A. Mantooth, “Silicon Carbide Device and System Modeling with MAST and SABER,” Synopsys User’s Group (SNUG ’05), 25 slides, Detroit, MI, September 2005.

Deonikar, P., and **Kavdia M.** Biochemical interactions of nitric oxide and red blood cell- effects of oxygenation and hematocrit. Biomedical Engineering Society (BMES) Annual Fall Meeting, Baltimore, MD, October, 2005.

Deonikar, P., N. Bhise, and **M. Kavdia.** Role of Red Blood Cell Oxygenation in Metabolism of Nitric Oxide. Experimental Biology (FASEB), San Diego, California. April 2-6, 2005.

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Pooran, R., S. Tung, and **J.W. Kim**. 2005. Application of a PDMS Microsieve for the Patterning of Flagellar Motors in a Microfluidic System. ASME International Mechanical.

Pooran, R., S. Tung, and **J.W. Kim**. Engineering Congress and R&D Expo (IMECE), Orlando, FL. 2005. Patterning of Escherichia coli Flagellar.

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Zharov, V.P, **J.W. Kim**, D.T. Curiel, and M. Everts. Amplified Laser-Nanocluster Interaction in DNA, Viruses, Bacteria, and Cancer Cells: Potential for Nanodiagnostics and Nanotherapy. 26th Annual Meeting of the American Society for Laser medicine and Surgery, Boston, MA. 2005.

King, J.W. and Del Valle, J.M. "Optimization of Sub-critical Water Processes." *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.” *96th American Oil Chemists’ Society Meeting*, Salt Lake City, Utah, May 1-4, 2005 (Abstracts p. 26)

King, J.W. “Integration of Critical Fluids with Green Processing Technology.” *16th Congreso Chileno de Ingenieria Quimica (Chilean Chemical Engineering Conference)*, Universidad de la Frontera, Pucon, Chile, November 1-4, 2005

King, J.W., E.C. Clausen, L. Duan, and J.M. Del Valle “Molecular-Based Design and Optimization of Sub-Critical Water Processing.” *4th International Symposium on Supercritical Fluid Technology for Energy, Environment and Electronics Applications (Super Green 2005)*, Taipei, Taiwan, November 20-23, 2005

Li, Y. 2005. Biosensors and their applications in agriculture and food. Invited presentation at The World Agriculture Congress: Forum on Agricultural Information, September 15-17, Beijing, China.

Li, Y. 2005. Biosensors for rapid detection of foodborne pathogens. Invited presentation at MOST, China and USDA Workshop: Agricultural Products Processing and Food Safety, September 21-24, Beijing, China.

Li, Y., Q. Sun, F. Liu, and X. Su. 2005. Nanoparticles based QCM immunosensor for detection of foodborne pathogens. Presented at IAFP 2005 92nd Annual Meeting, August 13-17, Baltimore, MD.

Li, Y., Q. Sun, M. Varshney, and X. Su. 2005. Immuno-nanobeads based QCM biosensor for rapid, sensitive and specific detection of Escherichia coli O157:H7. Presented at IBE 2005 Annual Meeting, March 4-6, Athens, GA.

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Liu, Z. and **Y. Li**. 2005. Listeria monocytogenes in used hot dog chilling brine and its inactivation by citric-acid-acidification. Presented at IFT 2005 Annual Meeting, July 15-20, 2005, New Orleans, LA.

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Su, X., Q. Sun, B. Kim, and **Y. Li**. 2005. An automatic capillary immunoassay system for detection of foodborne pathogens. Presented at ASAE 2005 Annual Meeting, July 17-20, Tampa, FL. ASAE Paper No. 057026.

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Lusth, J., "Simplicity versus Simplicity in Language Design", University of Alabama at Tuscaloosa, November 5, 2005

A. Verma, G. Natu, **A. P. Malshe** and M. Sastry, "Manufacturing Nanostructures using the Responses of Bio-form Derivatives as Stimuli: A Consideration of the Environmentally Benign Means of Manufacturing," *MRS Fall Meeting*, Boston, MA (2005).

A. P. Malshe, "Nano Mechanical Factory (nFactory TM): Nano Mechanical Machining, Manipulation and Measurements (NM4) Lab-on-a-Chip," Technical Committee E, *CIRP Winter Annual Meeting*, Paris, France, 2005.

A.J. Malshe, "Micro and Nano Systems Integration Research and Education," *Center for Microsystems at MIT*, Boston, MA, 2005.

A. P. Malshe, "Nano and Microsystems Research and Collaborations with India," *Indo-US Forum Meeting*, MIT, Boston, MA, 2005.

A. P. Malshe, "Hermetic Laser-assisted Sealing of MEMS Devices," *Smart Materials Conference*, Bangalore, India, 2005.

A. P. Malshe, "Wafer-level and Chip-scale Packaging of MEMS and Related Microsystems," *Center for Advanced Material Technologies (C-MET)*, 2005.

A. P. Malshe, "Packaging of MEMS and Microsystems for Oceanic Applications," *NPOL*, India, 2005.

A. P. Malshe, "Integration of Micro and Nano Systems: Research, Education and Entrepreneurship," *University of Missouri, Columbia*, MO (2005).

A. P. Malshe, "Application Specific Packaging and Nanosystems Research, Education and Entrepreneurship," *University of South Florida*, Tampa, FL (2005)

A. P. Malshe, “Nano and Micro Materials and Manufacturing,” *Society of Manufacturing Engineering Chapter at the University of Maryland*, College Park, Maryland, 2005.

A. P. Malshe, “Nanomanufacturing using Electric Pen Lithography (EPL),” *Manufacturing Engineering Laboratories (MEL)-National Institute of Standards and Technologies (NIST)*, 2005.

A. P. Malshe, “Electric Field Assisted Self-assembly of Nanoparticles and Various Applications Developed at MRL at the University of Arkansas,” *Oak Ridge National Laboratories (ORNL)*, Oak Ridge, Tennessee, 2005.

A. P. Malshe, “Nano Materials and Manufacturing: Research, Education and Entrepreneurship,” *Nanotechnology Meeting at the University of Arkansas*, Fayetteville, AR (2005).

A. P. Malshe, “Nano Materials and Manufacturing and Opportunities Environmental Research,” *National Center for Toxicology Research (NCTR)*, Jefferson, AR (2005).

Mantooth, H. A., “Modeling tools & techniques for the 21st century,” IEEE Circuits and Systems Society Distinguished Lecture, 51 slides, Kuala Lumpur, Malaysia, September 2005.

Mantooth, H. A., “Bridging the gaps between circuit designers, compact model developers, and device physicists,” IEEE Compact Modeling of RF/Microwave Applications (CMRF 2005), 27 slides, Santa Barbara, CA, October 2005.

Mantooth, H. A., “Analog behavioral modeling: fantasy, fad, or foundation for the future,” Panel at IEEE Custom Integrated Circuits Conference, 5 slides, San Jose, CA, September 2005.

Mantooth, H. A., “Design and verification: Can the analog mixed-signal (AMS) standard bridge the chasm?,” Panel at Accellera Breakfast at Design Automation Conference, 6 slides, Anaheim, CA, June 2005.

Mason, S. J. “Integrated Semiconductor Manufacturing Scheduling and Simulation.” *Dagstuhl Seminar on Simulation and Scheduling*, Wadern, Germany, July 2005.

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Kemp, R. A. and **S. J. Mason**. “Indirect MRO Benchmarking Survey 2005 Results.” *8th Annual Indirect MRO Conference and Workshops*, Seattle, Washington, August 2005.

Kemp, R. A. and **S. J. Mason**. “Indirect MRO Benchmarking Survey 2005 Results.” *Ozark Indirect MRO Conference and Workshop*, Fayetteville, Arkansas, November 2005.

Matlock, M. 2005. Chair, Session on Nutrient Management in Rivers and Streams, AWRC Annual Water Quality Meeting, Fayetteville, AR April, 2005.

Matlock, M. 2005. Measuring Stream Quality. National Watershed Management Workshop, Fayetteville, AR, December 2005.

Matlock, M. Invited Participant – USEPA Aquatox Training Program, March 2005, Chicago, IL.

Matlock, M. Keynote Speaker – Challenges in Ecological Modeling – CREST-RESSACA NSF Meeting, April 2005, San Antonio, TX.

Matlock, M. Keynote Speaker: The Role of the Academic Community in Balancing Economic and Environmental Sustainability. Oklahoma Academy on State Planning, Oklahoma City, Oklahoma, January 2005.

Matlock, M. Moderator, Rebuilding New Orleans Workshop. UA and Tulane University Architecture Departments, November, 2005.

Matlock, M. Panel Speaker – Developing Fundamental Ecological Engineering Knowledge – The 5th Annual American Ecological Engineering Society Meeting, May 2005, Columbus, OH.

Matlock, M. Program Reviewer – The CADDIS Risk Assessment Protocol – USEPA, June 2005, Washington, DC.

Matlock, M. Program Reviewer – USEPA Fellowship for Environmental Studies Program, Feb. 2005, Washington, DC.

Gue, K. R., and R. D. Meller. “Surprising Designs for Order Picking Areas.” 2006 Industrial Engineering Research Conference, Orlando, FL, May 2006.

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Meller, R. D. “CELDi State of Center Address.” CELDi Spring Meeting, Orlando, FL, April 2006.

Meller, R. D., W. Chen, and H. D. Sherali. “A Siren’s Song: A New Mixed-Integer Formulation for Facility Layout.” Industrial Engineering Research Conference, Orlando, Florida, May 2006.

Meller, R. D. and Q Liu. “Award Winner: A Sequence-Pair and Mixed Integer Programming Based Methodology for the Facility Layout Problem.” INFORMS Annual Meeting, San Francisco, CA, November 2005.

Meller, R. D., W. Chen, and H. D. Sherali. “A New Facility Layout Formulation.” INFORMS Annual Meeting, San Francisco, CA, November 2005.

Norman, B. A., T. J. Lacksonen, and **R. D. Meller.** “Facility Layout and Material Handling Teaching Resources.” *Industrial Engineering Research Conference, Orlando, FL, May 2006.*

Parikh, P. and **R. D. Meller.** “The Distribution Center Batch versus Zone Problem.” 2006 *Industrial Engineering Research Conference, Orlando, FL, May 2006.*

Millett, P.C., R.P. Selvam (2005). Molecular dynamics study of the effect of dopant atoms on grain boundary sliding. *Materials Research Society Proceedings*. Boston, MA, Nov. 29-Dec. 3.

Millett, P., J. Riordan and R.P. Selvam (2005), Computation of moment coefficients on a cubic building due to tornado, *Proceedings of the Americas Conference on Wind Engineering*, May 30-June 4, Baton Rouge, LA.

Nachtmann, H. L. “Economic Evaluation of the Impact of Waterways on the Port of Cincinnati-Tristate.” *River Advisory Council Forum*, Cincinnati, OH, November 2005.

Nachtmann, H. L. “Waterway Transportation Research.” *MBTC Professional and Academic Advisory Board*, Fayetteville, AR, October 2005.

Naseem, Hameed A., Husam H. Abu-Safe, Khalil Sharif, Marwan A. Albarghouti, Maruf Hossain, William D. Brown, and Ram Kishore, “Comprehensive study of the mechanism of metal induced crystallization of hydrogenated amorphous silicon thin films,” Thirteenth International Workshop on the Physics of Semiconductor Devices Workshop, New Delhi, India, December 13-17, 2005.

D. Nutter, “Understanding Utilities in K-12 Buildings”, *Maximizing Energy Investments in Arkansas Schools – Planning and Financing Workshop for Energy Efficient Improvements*, Little Rock, AR, April 27, 2005.

Jat, P. and **G. S. Osborn.** 2005. Role of Critical Moisture Gradient in Rice Fissuring. Poster Presentation Rice Field Day, Stuttgart AR.

Osborn, G.S. 2005. Applications and design criteria for BlueInGreen oxygenation and ozonation technology. Presentation made to EXON Solutions, Taipei, Taiwan.

Osborn, G.S. and M.D. Matlock. 2005. Improved Technology for Delivering Oxygen to Bioreactions in a Water Matrix. Southern Association of Agricultural Scientists. Annual.

Panda, B., “Assigning Trust on External Objects”, Presented in the AFOSR Software & Systems Annual Workshop, Griffiss Institute, Rome, NY, August 15-19, 2005

Maillart, L. and **E. A. Pohl.** “Markov Chain Modeling and Analysis.” IEEE Tutorial Notes, IEEE Tutorial Notes, 52nd *Reliability and Maintainability Symposium*, Newport Beach, CA, January 2006.

Pohl, E. A. and C. R. Cassidy. “Repairable System Model.” *The Applied Reliability Symposium*, Orlando, Florida, June 2006.

J. J. Rencis, Invited Presentation to Executive Committee and Department Heads Forum for Mini Symposium for New and Prospective Faculty, *2005 ASME International Mechanical Engineering Congress and Exposition*, Orlando, FL, November 5-11, 2005.

J. J. Rencis, Invited Panel Member, ABET/ASME Preparedness Workshop, (Chair: Pamela Eibeck, Dean of Engineering, Texas Tech University), *ASME International Mechanical Engineering Education Conference*, March 11-15, 2005, Coronado, CA

Schaper, L., “Integrated Passives: an Enabling Technology for 3D Electronics,” Workshop on 3D Architectures for Semiconductor Integration and Packaging, RTI International, June 2005.

Schaper, L., “Considerations for Decoupling Capacitors in High Speed Systems,” Fraunhofer Institute IZM, Berlin, Germany, September 13, 2005.

Schaper, L., “Considerations for Decoupling Capacitors for High Speed Devices,” IBM Laboratories, Böblingen, Germany, September 30, 2005.

Schaper, L., “Considerations for Decoupling Capacitors in High Speed Systems,” NEC Laboratories, Sagamihara, Japan, November 10, 2005.

Schaper, L., “3-D Electronics: Reasons, Approaches, Processes,” NEC Laboratories, Sagamihara, Japan, November 11, 2005.

Schaper, L., “Critical Issues in Electronic Packaging,” NEC Laboratories, Tamagawa, Japan, November 25, 2005.

Schaper, L., “3-D Electronics: Reasons, Approaches, Processes,” NEC Laboratories, Tsukuba, Japan, November 28, 2005.

W. Schmidt, Friction Stir Welding/Processing Parts I & II, two seminars given at the *Royal Melbourne Institute of Technology*, January 2005.

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Selvam, R.P., M. Sarkar and R. Ponnappan (2005), Modeling of spray cooling: Effect of droplet velocity and liquid to vapor density ratio on heat transfer, *TFAWS 2005: 16th Annual Thermal & Fluids Analysis Workshop*, Orlando, FL, Aug. 8-12, 2005

Selvam, R.P., S. Bhaskara, J.C. Balda, F. Barlow and A.Elshabini (2005), Computer modeling of liquid droplet impact on heat transfer during spray cooling, *2005 ASME Summer Heat Transfer Conference*, July 17-22, San Francisco, CA, paper no: HT2005-72569

Jung, Y. and **R.P. Selvam** (2005), Improving the performance of the micro jet array air cooling MEMS devices using CFD, *2005 ASME Interpack'05*, July 17-22, San Francisco, CA, paper no: IPACK2005-73392

Selvam, R.P., L.Lin and R. Ponnappan (2005), Computational modeling of spray cooling: Current status and future challenges, *Proceedings: Space Technology and Applications International Forum (STAIF 2005)*, Conference on Thermophysics in Microgravity,

Albuquerque, NM, Feb. 13-17

Selvam, R.P., M. Sarkar and R. Ponnappan (2005), Modeling of spray cooling: Effect of droplet velocity and liquid to vapor density ratio on heat transfer, *TFAWS 2005: 16th Annual Thermal & Fluids Analysis Workshop*, Orlando, FL, Aug. 8-12, 2005

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Selvam, R.P. (2005), Multiphase flow 3D modeling of spray cooling: Effect of Liquid droplet impact on heat transfer, *ONR Thermal Management Review*, Orlando, FL, Oct. 26-28

D. E. Spearot, "Atomistic Calculations of Nanoscale Interface Behavior in FCC Metals," presented at: *Louisiana State University, Department of Civil and Environmental Engineering*, October 19, 2005.

Thompson, C., N. Lehlou, and K. Neumeier, "Research Projects in CSCE," Presentation of High School students considering the UofA Honors program, September 19, 2005

Thompson, C.W. "Digital Licensing Services," Architectural Perspective column, *IEEE Internet Computing*, (July-August 2005): 85-88

Thompson, C.W., P. Pazandak, and H. Tennant, "Talk to your Semantic Web," Architectural Perspective column, *IEEE Internet Computing*, (September-October 2005): 75-78.

Thompson, C.W., "Everything is Alive Project," Student ACM, University of Arkansas, Fayetteville, AR, October 20, 2005

Thompson, C.W., "Active Learning: Myths Built into the Way we Educate," NSF Workshop on Integrative Computing Education and Research (ICER): Preparing IT Graduates for 2010 and Beyond, Dallas, Texas, October 27-28 2005

Thompson, C.W. and K. Neumeier, "College of Engineering Honors Program & Menu-based Natural Language Honors Thesis," Dean's Advisory Council, College of Engineering, April 7, 2006.

Thompson, C.W., "CSCE Perspective," Arkansas Academy of Computing, Radisson, April 7, 2006

S. Tung, "Some Aspects in the Development of a Micro/Nano Biological Sensing System," Invited Lecture, *Chinese Academy of Science, Automation Institute*, Shenyang, China, July 2005.

S. Tung, "Flagellar Motor Based Hybrid Devices," Invited lecture, *National Tsing Hua University*, Taiwan, August 2005.

Ulrich, R. Invited Short Course, *ECTC*, Orlando FL, May 31, 2005

Ulrich, R. “The Future of Decoupling for High-Speed Integrated Circuits.” *IEEE Workshop of Future Computing Technologies*, Nov. 10, 2005

Varadan, V. K., Wireless nano- and micro-sensors, MEMS for health monitoring of engineering structures and neurological disorders in human; can we get smarter, University of California, San Diego, March 8, 2005.

Varadan, V. K., Bio-micro-electromechanical systems (BioMEMS) and Neuroelectronics, International Conference on Smart Materials. Structures and Systems, Bangalore, India, July 28, 2005 (keynote lecture).

Varadan, V. K., Carbon nanotube based microsensors and wireless sensor network for physiological monitoring and monitoring and control of neurological brain disorder, International Joint Conference on Intelligent/Smart Materials for Engineering and Biomedical Applications (SMEBA), Tokyo, Japan, October 30, 2005 (keynote lecture).

Varadan, V. K., Nanotechnology and its applications in engineering and medicine, United Arab Emirates University, Abu Dhabi, November 14, 2005.

Varadan, V. K., “Carbon nanotube based microsensors and wireless sensor network for physiological monitoring”, International Symposium on Microelectronics, MEMS and Nanotechnology, SPIE, Brisbane, Australia, December 14, 2005.

Varadan, V. K., “Wireless EEG and EOG systems for monitoring epilepsy”, International Conference on Biomedical Applications of Micro and Nanoengineering, Sydney, Australia, December 14, 2005.

Varadan, V. V., Physics Colloquium, University of Arkansas, – “Chirality, Order, Disorder and Surface Plasmon Resonances in Negative Refractive Index Materials”, February 4, 2005.

Varadan, V. V., “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”, Invited Lecture to Consumer Health Products Association (CHPA) Washington DC, April 19, 2005.

Varadan, V. V., Invited Speaker at the International Metamaterials Workshop, Zheijinag University, Hangzhou China, August 2005.

Varadan, V. V., Invited lecture: “Negative Index Materials and Their Applications”, Indian Institute of Science, Bangalore, India, October 28, 2005.

Varadan, V. V., Opening Plenary Speaker ANDE 2005, Jeju Island, S. Korea: Microwave and Millimeter Wave NDE, 2005.

Varadan, V. V., “Negative Index materials and their Applications”, Kyungpook National University, Taegu, S. Korea, November 7, 2005.

Varadan, V. V., Invited Panel Moderator, Wichita State University, College of Engineering, IGERT proposal presentations, November 12, 2005.

Varadan, V. V., “Applications of Negative Index Materials” at Texas A&M University, November 17, 2005.

Vemulapally, C. and H. A. Mantooth, “Model generation and parameter extraction tools for the VTB environment,” VTB User’s Conference, 25 slides, Columbia, SC, September 2005.

Wang, Kelvin C.P., “Automated Pavement Data Collection and Survey: Current and Future Technologies”, MOVITE Conference, the Peabody Hotel, Three Statehouse Plaza, Little Rock, September 21-23, 2005

Wang, Kelvin C.P., “Automated Pavement Data Collection and Survey: Current and Future Technologies”, Presentation at Turner-Fairbank Research Center, FHWA, Washington D.C., April 26 2005

Wang, Kelvin C.P., “Automated Pavement Data Collection and Survey: Current and Future Technologies” *International Symposium of Pavement Testing & Evaluation*, Zhengzhou University, China, July 28, 2005

L. West, “Evolution of Neutron Remmeter Designs,” Invited and presented to the *Arkansas Chapter of the Health Physics Society Annual Meeting*, Little Rock, Arkansas, March 30, 2005. This was the feature presentation at the meeting.

Williams, Stacy G., “Mathematical Relationships for Various Methods of Measurement of Bulk Specific Gravity of Hot-Mix Asphalt”, *84th Annual Transportation Research Board Meeting*, Washington D.C., 2005.

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Li, Q., J. Wang, Z. **Ye**, Y. Ying, and Y. Li. 2005. Detection of fruit quality based on bioimpedance using probe electrode. Presented at SPIE Optics East 2005, October 23-26, 2005, Boston, MA. In the Proceedings of SPIE Volume 5994.

Yeargan, J. R., “Quality Assurance in Engineering Education Around the World and Implications for the Western Hemisphere”, *Engineering for the Americas Symposium*, Lima Peru, Nov. 29-Dec 2, 2005

Yeargan, J. R., “The IEEE and Accreditation”, *IEEE/EAB Lima Accreditation Workshop*, Lima, Peru, Dec. 3-5, 2005

Yeargan, J. R., “A Look at the Current State of Accreditation for Engineering, Science, and Technology,” *First Jordanian Conference on Accreditation and Quality Assurance of Higher Education*, Amman, Jordan, Dec. 13-15, 2005

Yeargan, J. R., “Convergence of Quality Assurance Systems around the Globe,” *2006 ASEE Annual Conference*, Chicago, Illinois, June 18-21, 2006.

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Richard Atkinson, Dean and Professor of Law

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"State of the Law School," presentation at Pine Bluff recruitment event, Pine Bluff, Arkansas, March 3, 2005.

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Carlton Bailey, Ben J. Altheimer Professor of Law

Lectures/Speeches/Presentations

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Lonnie Beard, Professor of Law

Lectures/Speeches/Presentations

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Howard Brill, Interim Dean and Vincent Foster University Professor of Legal Ethics and Professional Responsibility

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Herb Cihak, Director of the Law Library and Professor of Law

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Carl Circo, Assistant Professor of Law

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Kim Flanery Coats, Clinical Associate Professor, Legal Writing

Lectures/Speeches/Presentations

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Janet Flaccus, Professor of Law

Publications

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Judith Kilpatrick, Professor of Law

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Robert Laurence, Robert A. Leflar Distinguished Professor of Law

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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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Mary Beth Matthews, Sidney Parker Davis, Jr. Professor of Business and Commercial Law

Publications

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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

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Cynthia Nance, Associate Professor of Law

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Michael Roberts, Research Associate Professor; Director of National Agricultural Law Center

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Susan Schneider, Associate Professor of Law; Director of the Graduate Program in Agricultural Law

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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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