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UNIVERSITY OF ARKANSAS  
FAYETTEVILLE, ARKANSAS

PUBLICATIONS AND PRESENTATIONS  
JULY 1, 2008 – JUNE 30, 2009

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# **BUMPERS COLLEGE OF AGRICULTURE, FOOD AND LIFE SCIENCES**

## **BOOKS:**

### **PLANT PATHOLOGY**

Hummer K.E, N. Bassil, T. Davis, C. Davidson, D. Ellis, C. Finn, K. Folt, J. Hancock, M. Höfer, M. Luffman, R. Martin, J. Postman, B. Reed, J. Retamales, P. Roudeillac, T. Sjulín, and **I.E. Tzanetakis**. 2008. Global Conservation Strategy for *Fragaria* (Strawberry); A consultative document prepared in collaboration with partners in the *Fragaria* germplasm, genetics research-and-development community. *Scripta Horticulturae* Number 6.

### **POULTRY SCIENCE**

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## **BOOK CHAPTERS:**

### **AGRICULTURE, ECONOMICS & AGRIBUSINESS**

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**Erf, G.F.**, C.T. Trovillion, B.L. Plumlee, K. Bateman, and F. Shi. 2008. Smyth line chicken model for auto-immune vitiligo: opportunity to examine events leading to the expression of vitiligo in susceptible individuals. In: Proceedings of XXth International Pigment Cell Conference and the Vth International Melanoma Research Congress, May 2008, Sapporo, Japan. Medimond International Proceedings, Pages 55-58.

**Erf, G.F.** 2008. Meeting Report XXth International Pigment Cell Conference and the Vth International Melanoma Research Congress, May 2008, Sapporo, Japan: Pigmentary disorders; depigmenting disease (vitiligo & related disorders). PASPCR Newsletter Vol 16 (2):27-28.

**Erf, G. F.**, 2008. Annual Project Leader Report, **NE-1016** Regional Project on the “Genetic Bases for Resistance and Immunity to Avian Diseases”.

**Erf, G. F.**, 2008. 5-Year Summary of contribution to NE-1016 (for final project report).

**Erf, G. F.**, 2008. 5-Year plan outlining my multi-state project participation (for project renewal application; approved, NE-1034. “Genetic Bases for Resistance and Immunity to Avian Diseases”)

**Erf, G. F.** 2007. Final Progress Report, National Institutes of Health-NIAMS grant R15 AR052670-01

**Erf G. F.** and **P. Waldroup**. Final Project Report for FMC BioPolymers Industry Study; Evaluation of FMC biopolymer alginates on live performance and immune function in broiler chicks

**Erf, G. F.**, 2007 CRIS Reports (2), including new CRIS projects on “Genetic Bases for Resistance and Immunity to Avian Diseases” and Avian Innate Immune Function: Leukocyte responses to pathogen associated molecular patterns (PAMPS).

Smith, C. D., N. B. Anthony, **G. F. Erf**, R. F. Wideman, D.D. Rhoads. 2008. Chromosomal regions contributing to development of ascites and pulmonary hypertension, in the chicken. XVI Poultry and Animal Genome conference, San Diego, CA January 12-16, 2008 (W406)

Hamal, K. R., **R. F. Wideman**, N. B. Anthony, and **G. F. Erf**. 2008. Expression of pro-inflammatory cytokines in lungs of ascites-resistant and -susceptible broiler chickens following intravenous cellulose microparticle injection. Poult. Sci. 87 (Suppl. 1):166

**Erf, G. F.**, C. T. Trovillion, B. L. Plumlee, K. D. Bateman, and F. Shi. 2008. Smyth line chicken model for autoimmune vitiligo: opportunity to examine events leading to the expression of vitiligo in susceptible individuals. Pigment Cell Melanoma Res. 21:265.

Hamal, K. R., R. F. Wideman, N. B. Anthony, and **G. F. Erf**. 2008. Immune response activities in lungs of ascites-resistant and -susceptible broilers to microparticles entrapped in the pulmonary vasculature. International meeting of the Avian Immunology Research Group, Gold Coast, Australia, June 24-27. (F11-30)

**Erf, G. F.**, C. T. Trovillion, B. L. Plumlee, K. D. Bateman, and F. Shi. 2008. Early events in the development of autoimmune vitiligo in Smyth chickens. International meeting of the Avian Immunology Research Group, Gold Coast, Australia, June 24-27. (P30)

Rath, N. C., W. E. Huff, G. R. Huff, K.S. Rasaputra, L. Kannan, V. Durairaj, N. B. Anthony, H. D. Chapman, **G. F. Erf**, P. Wakenell, F. D. Clark. 2008. Ovotransferrin a non-specific marker of health problems in chickens. International meeting of the Avian Immunology Research Group, Gold Coast, Australia, June 24-27. (F11-50)

Hamal, K. R., **R. F. Wideman**, N. B. Anthony, and **G. F. Erf**. 2008. Expression of inflammatory mediators in lungs of ascites-resistant and -susceptible broilers in response to microparticles entrapped in the pulmonary vasculature. Poult. Sci. 87 (Suppl. 1):19.

**Erf, G. F.**, K. D. Bateman, F. Shi, C. T. Trovillion, B. L. Plumlee, and F. Shi. 2008. Smyth line chicken model for autoimmune disease. Poult. Sci. 87 (Suppl. 1): 19-20.

**Erf, G. F.**, B. Kong, N. Rath, and C. Cramer. 2008. ABI grant update. Environmental triggers of autoimmune vitiligo expression in susceptible Smyth line chickens. ABI meeting in Little Rock, AR. October 7, 2008.

S. Shivaramaiah, E. V. Eskridge, S. L. Layton, N. R. Pumford, A. D. Wolfenden, J. R. Barta, Y. M. Kwon, **B. M. Hargis**, and G. Tellez. Evaluation of live vectored *Eimeria* vaccine with CD154 (CD 40L) in broiler chickens. Abstract of the Poultry Science Association meeting, July 2008.

G. Gaona-Ramírez, S. L. Layton, A. D. Wolfenden, R. E. Wolfenden, N. R. Pumford, G. Tellez, and **B. M. Hargis**, Evaluation of an inactivated *Salmonella*-recombinant vaccine expressing type A influenza M2e epitopes. Abstract of the Poultry Science Association meeting, July 2008.

H. E. Jackson, M. J. Morgan, and **B. M. Hargis**. Evaluation of co-incubation of oxygen-dependent bioluminescent *Vibrio fischeri* in sealed plates to support growth of selected anaerobic bacterial isolates. Abstract of the Poultry Science Association meeting, July 2008.

**B. M. Hargis**, S. L. Layton, D. R. Kapczynski, K. Cole, M. M. Cox, Y. M. Kwon, L. R. Berghman, K. Liljebjelke, and W. G. Bottje. Development and evaluation of a potential universal *Salmonella*-vectored avian influenza vaccine. Abstract of the Poultry Science Association meeting, July 2008.

Khatiwara, S. L. Layton, G. Tellez, L. R. Berghman, **W. J. Bottje**, **B. M. Hargis**, and Y. M. Kwon. Development and initial evaluation of a candidate *Clostridium perfringens*  $\alpha$  toxin-based necrotic enteritis vaccine utilizing recombinant *Salmonella* as a vaccine vector. Abstract of the Poultry Science Association meeting, July 2008

R. E. Wolfenden, S.L. Layton, A. D. Wolfenden, A. Khatiwara, G. Gaona-Ramírez, N. R. Pumford, K. Cole, Y. M. Kwon, G. Tellez, and **B. M. Hargis**. Development and evaluation of candidate recombinant *Salmonella*-vectored *Salmonella* vaccines. Abstract of the Poultry Science Association meeting, July 2008.

G. Tellez, M. J. Marion, N. Pumford, A. Wolfenden, S. Shivaramaiah, E. V. Eskridge, S. L. Layton, R. Wolfenden, G. Gaona-Ramírez, R.L. Brewer, N. Neighbor, C. Lester, and **B. M. Hargis**. Evidence for *Clostridium septicum* as a primary cause of gangrenous dermatitis (cellulitis) in commercial turkeys. Abstract of the Poultry Science Association meeting, July 2008.

N. R. Pumford, G. Tellez, M. J. Morgan, A. D. Wolfenden, and **B. M. Hargis**. Evaluation of an inactivated autogenous vaccine for turkey bordetellosis. Abstract of the Poultry Science Association meeting, July 2008.

Tellez G., S. E. Higgins, **A. M. Donoghue**, and **B. M. Hargis**. Integridad, Homeostasis y Fisiología del Tracto Gastrointestinal. AECAM meeting, Juriquilla,, Mx, Feb 27-29, 2008.

Wolfenden A.D., S.E. Higgins, J.P. Higgins, **B.M. Hargis** and G. Tellez. Effect of Heat Stress on Production Parameters and Immune Responses. AECAM meeting, Juriquilla,, Mx, Feb 27-29, 2008.

Pumford N.R., M.T. Morgan, A.D. Wolfenden, **B.M. Hargis** and G. Tellez. Isolation and Prevention of Bordetella avium in Commercial turkeys. AECAM meeting, Juriquilla,, Mx, Feb 27-29, 2008

Guillermo Tellez and **Billy Hargis**. Mucosal Immunity. I International Poultry Science Symposium University of Colima Hosted by the College of Veterinary Medicine Tecoman, Colima August 25-26, 2008.

Guillermo Tellez and **Billy Hargis**. Poultry Diseases and Principles of Infection and Immunity. I International Poultry Science Symposium University of Colima Hosted by the College of Veterinary Medicine Tecoman, Colima August 25-26, 2008

M.J. Morgan, N.R. Pumford, A.D. Wolfenden, **B.M. Hargis** and G. Tellez Evidence for *Clostridium septicum* as a primary cause of gangrenous dermatitis (cellulitis) in commercial turkeys. I International Poultry Science Symposium University of Colima Hosted by the College of Veterinary Medicine Tecoman, Colima August 25-26, 2008.

A.D. Wolfenden, S.E. Higgins, J.P. Higgins, **B.M. Hargis** and G. Tellez. Effect of Heat Stress on Production Parameters and Immune Responses. I International Poultry Science Symposium University of Colima Hosted by the College of Veterinary Medicine Tecoman, Colima August 25-26, 2008.

S.Shivaramaiah, S.L.Layton, N.R.Pumford, A.D.Wolfenden, R.E.Wolfenden, J.R.Barta, Y.M.Kwon, **B.M.Hargis**, G.Téllez. Immunity against coccidial infections in poultry. I International Poultry Science Symposium University of Colima Hosted by the College of Veterinary Medicine Tecoman, Colima August 25-26, 2008.

Guillermo Tellez and **Billy Hargis**. Probiotics in health and immunity. 25 International Poultry Science Symposium Dr. Joaquin Urrutia, Villahermosa, Tabasco Hosted by the Technologic Institute of the Olmec Zone. August 27-29, 2008.

Guillermo Tellez and **Billy Hargis**. Poultry Diseases and Principles of Infection and Immunity. 25 International Poultry Science Symposium Dr. Joaquin Urrutia, Villahermosa, Tabasco Hosted by the Technologic Institute of the Olmec Zone. August 27-29, 2008.

Wolfenden A.D., S.E. Higgins, J.P. Higgins, **B.M. Hargis** and G. Tellez. Effect of Heat Stress on Production Parameters and Immune Responses. 25 International Poultry Science Symposium Dr. Joaquin Urrutia, Villahermosa, Tabasco Hosted by the Technologic Institute of the Olmec Zone. August 27-29, 2008.

**Kong BW** and **Lee JY**. Recombinant vaccine for infectious laryngotracheitis virus (ILTV). 2008. Plant and Animal Genome XVI. San Diego.

CA**Lee JY**, Wooming A and **Kong BW**. Comparison of primary chicken embryo cells for propagation of infectious laryngotracheitis virus (ILTV). 2008. Annual Meeting of Poultry Science Association. Niagara Falls, Ontario, Canada

**Kuenzel, W.J.**, J. Proudman and H. Li. 2008. A possible photoneuroendocrine system (PNES) regulating gonadal development in an avian species. Internat. Symp. Avian Endocrinol. 9:49.

Jurkevich, A.\*, M.V. Mikhailova, **W.J. Kuenzel**, F.N. Madison and L.E. Cornett. 2008. Crosstalk between CRH and vasotocin systems in an avian species: a molecular Imaging approach. Internat. Symp. Avian Endocrinol. 9:96.



Allen, D.L., **W.J. Kuenzel**, J. Xie and A. Jurkevich\*. 2008. Effects of electrolytic lesions of the medial bed nucleus of the stria terminalis (BSTM) on sexual behavior in male broiler breeders. Poultry Sci. 87(Suppl.1):17.

Xie, J., **W.J. Kuenzel**, D.L. Allen and A. Jurkevich\*. 2008. Differential neural activation in the septo-hypothalamic region following sexual and agonistic behavior in male broiler breeders. Poultry Sci. 87(Suppl. 1):18.

Jurkevich, A.\*, **W.J. Kuenzel**, F.N. Madison, M.V. Mikhailova and L.E. Cornett. 2008. Solitary and interactive effects of corticotropin-releasing hormone and vasotocin in control of corticosterone in chickens. Poultry Sci. 87(Suppl. 1):36.

Emmert, J.L., **C.M. Owens**, C.Z. Alvarado, S.R. McKee, and S. Bilgili. 2008. Multi-Media Educational Tool for Poultry Meat and Egg Processing Instruction. Poult. Sci. 87 (Suppl.1): 240.

Lungu, B., J.C. Saldivar, R. Story, **S.C. Ricke**, and M.G. Johnson. 2008. Protein synthesis and metabolic energy strategies in *Listeria monocytogenes* 10403S and a  $\Delta$  sigB mutant during multiple-nutrient starvation. Amer. Soc. Microbiol. General 108th Annual Meeting, Boston, MA.

Lungu, B., S.E. Dowd, A. Muthaiyan, **S.C. Ricke**, and M.G. Johnson. 2008. Transcriptional analysis of the growth of *Listeria monocytogenes* 10403S and a  $\Delta$  sigB mutant following exposure to dinitrophenol or sodium arsenite. Amer. Soc. Microbiol. General 108th Annual Meeting, Boston, MA.

Chalova, V.I., P.G. Crandall, C. O'Bryan, and **S.C. Ricke**. 2008. Impact of dispersing agents on radical scavenging activity and inhibitory properties of natural cold pressed terpenless valencia orange oil against foodborne microorganisms. Amer. Soc. Microbiol. General 108th Annual Meeting, Boston, MA.

Sirsat, S.A., A. Muthaiyan, and **S.C. Ricke**. 2008. Salmonella survival and virulence gene expression response to antimicrobial combinations. Amer. Soc. Microbiol. General 108th Annual Meeting, Boston, MA.

Chitturi, V., N. S. Hettiarachchy, M.G. Johnson, and **S.C. Ricke**, 2008. Inhibition of membrane associated ATPase of *Listeria monocytogenes* and *E. coli* O157:H7 by green tea and grape seed extracts, Institute of Food Technologists Annual Meeting and Food Expo, New Orleans, Louisiana, June 28- July 1. Abstract # 052-11

O'Bryan, C., K. Shores-Ellis, P. Crandall, D. Johnson, **S. Ricke**, M. Johnson, and J. Marcy, 2008. Optimizing web based instruction: A case study using poultry processing unit operations, Institute of Food Technologists Annual Meeting and Food Expo, New Orleans, Louisiana, June 28- July 1.

Jones, F.T., and **S.C. Ricke**, 2008. Current and future prospects for organic poultry: Symposium introduction, Poultry Science Association 97th Annual Meeting, Niagara Falls, Canada, July 20-23.

Crandall, P.G., E.C. Friedly, M. Patton, S. Seideman, **S.C. Ricke**, C.A. O'Bryan, A.C. Fanatico, and R. Rainey. 2008. Organic poultry, consumer perceptions and regulatory issues, Poultry Science Association 97th Annual Meeting, Niagara Falls, Canada, July 20-23.

**Ricke, S.C.** 2008. Antimicrobials for foodborne pathogen reduction in organic and natural poultry production, Poultry Science Association 97th Annual Meeting, Niagara Falls, Canada, July 20-23.

Hanning, I., and **M. Slavik**. 2008. Mechanisms of biofilm formation by *Campylobacter jejuni*. Progress report for USDA/CREES Food Safety.

Hanning, I., **D. Donoghue**, R. Jarquin, G. S. Kumar, and **M. Slavik**. 2008. Campylobacter Biofilm Phenotype exhibits reduced colonization potential in young chickens and altered in vitro virulence. Conf. of Res. Workers in An. Dis. Chicago, IL. P. 108.

Gilbert, C., H. Kanta, B. Vaughn, I. Hanning and **M. Slavik**. 2008. Prevalence and comparison of cytolethal distending toxin B-subunit in *Campylobacter jejuni* isolated from humans, chickens, and turkeys. Progress report of USDA/CREES Food Safety.

**Slavik, M.**, A. O'Leary, and C. Gilbert. 2008. Development of rapid detection methods and determining of pathogenicity factors of *C. jejuni*. AD-421 Progress Report.

Eswaranandam, S., N. S. Hettiarachchy, I. Hanning, M. G. Johnson and **M. F. Slavik**. 2008. Inhibition of biofilm formation by organic acids in model system. Institute of Food Technologists Annual Meeting, June 28-July 1, 2008, New Orleans, Book of Abstracts, 052-27, 69.

Costa, F.G.P., Z. Wang, C. Coto, S. Cerrate, F. Yan, and **P. W. Waldroup**. 2008. Comparison of digestible lysine needs in the starter period when fed diets formulated to ideal ratios or added alone. Poultry Sci. Annual Meeting.

Costa, F.G.P., Z. Wang, C. Coto, S. Cerrate, F. Yan, and **P. W. Waldroup**. 2008. Digestible lysine requirements and ideal amino acid ratios in diets for young (0-14 d) male broilers formulated to ideal ratios and balanced in amino acids. Poultry Sci. Annual Meeting

Cerrate, S., C. Coto, Z. Wang, F. Yan, and **P.W. Waldroup**. 2008. Effect of pellet diameter in broiler prestarter diets on subsequent performance. Poultry Sci. Annual Meeting. Selected for presentation award.

Yan, F., C. Coto, Z. Wang, S. Cerrate, S. Watkins, and **P.W. Waldroup**. 2008. Performance of male broilers fed diets formulated to meet different nutrient recommendations. Poultry Sci. Annual Meeting.

Coto, C., F. Yan, S. Cerrate, Z. Wang, P. Sacakli, **P. W. Waldroup**, J. Halley, C. Wiernusz, and A. Martinez. 2008. Effects of dietary levels of calcium and Nonphytate P in broiler starter diets on live performance, bone development, and growth plate conditions in male broilers fed a corn-based diet. Poultry Sci. Annual Meeting.

Wang, Z., S. Cerrate, C. Coto, F. Yan, F. Perrazo, A. Abdel-Maksoud, and **P. Waldroup**. 2008. Evaluation of distillers dried grains with solubles (DDGS) in broiler diets formulated isocaloric at typical industry levels or formulated for optimum density with constant 1% poultry oil. Poultry Sci. Annual Meeting.

Hamal, K. R., **R. F. Wideman**, N. B. Anthony, and G. F. Erf. Expression of inflammatory mediators in lungs of ascites-resistant and susceptible broilers in response to microparticles entrapped in the pulmonary vasculature. Poult. Sci. 87 (Supplement 1):19, 2008.

Lorenzoni, A. G., and **R. Wideman**. Intratracheal administration of bacterial lipopolysaccharide elicits pulmonary hypertension in broilers with primed airways. Poult. Sci. 87 (Supplement 1):83, 2008.

### **INVITED LECTURES:**

#### **AGRICULTURAL AND EXTENSION EDUCATION**

**Miller, J.D.** (2008). When the Media Comes A-knockin'. Workshop presented at the Winthrop Rockefeller Institute Agritourism Workshop and Luncheon, November 14, 2008, Petit Jean Mountain, AR.

#### **ENTOMOLOGY**

Coulson, R. N., A. Birt, M. Tchakerian, **F. M. Stephen** and J. M. Guldin. 2008. Population dynamics of the southern pine beetle in relation to applied silviculture. Symposium, Impacts of insects on forest landscapes: implications for forest health management, International Congress of Entomology, Durban, South Africa.

Coulson, R. N., A. Birt, M. Tchakerian, **F. M. Stephen** and J. M. Guldin. 2008. Population dynamics of the southern pine beetle in mesoscale forest landscapes. International Union of Forest Researchers Organization Meeting, Recent Advances in Forest Entomology, Pretoria, South Africa.

**Goggin, F. L.** 2008. Dissecting the molecular and physiological basis of plant defenses against herbivory. Arkansas Biosciences Institute Seminar Series, Arkansas State University, Jonesboro.

**Goggin, F. L.** 2008. Plant-aphid interactions: molecular and ecological perspectives. Departmental Seminar, Department of Functional and Evolutionary Entomology, Gembloux Agricultural University, Gembloux, Belgium.

**Goggin, F. L.** and A. Lorence. 2008. Intersection of ascorbate regulation, jasmonate signaling, and defense against herbivores in plants. Joint Meeting of Arkansas NSF EPSCoR program, Arkansas Biosciences Institute and Arkansas Association of Public Universities, Little Rock.

**Goggin, F. L.**, V. Nair and R. Hannigan. 2008. Role of oxylipins in aphid resistance. Joint Meeting of Arkansas NSF EPSCoR program, Arkansas Biosciences Institute and Arkansas Association of Public Universities, Little Rock.

**Goggin, F. L.**, J. Reese and F. Francis. 2008. Intraspecific diversity in aphid adaptation to host-plant resistance. Symposium, Plant interactions with aphids, Wageningen University, Wageningen, Netherlands.

**Goggin, F. L.** and G.T. Thompson. 2008. Comparative analysis of aphid resistance in tomato and melon. USDA-NRI workshop, Reno, Nevada. (poster)

Haavik, L. J. and **F. M. Stephen**. 2008. Red oak borer in the Ozarks: what happened and future research directions. Wildlife Society, Arkansas Chapter, Fayetteville.

**Johnson, D.** 2008. Fruit entomology research/extension. Templeton Workshop on Understanding Fruit Diseases, Fayetteville.

**Johnson, D.** 2008. Shifts in fruit insect pest management. 2009 Arkansas/Oklahoma Horticulture Industry Show, Ft. Smith.

**Luttrell, R. G.** and M. I. Ali. 2008. How do we measure success? Definitions for Bt resistance -- *Helicoverpa zea* in the southern U.S. Panel Discussion of Transgenic Crops and the Morphing of IPM: Are the Pillars of Pest Management in Jeopardy? Networking Session for Plant-Insect Ecosystems Section, National Meeting, Entomological Society of America, Reno, Nevada.

**Steinkraus, D. C.** 2008. Natural enemies of the armyworm, *Pseudaletia unipuncta*, in Arkansas wheat and fescue. Symposium, Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.

**Steinkraus, D. C.** 2008. Tales of the fungi: entomopathogenic fungi and their arthropod hosts: bizarre interactions and endgames. Biology Department, University of Arkansas, Little Rock.

**Stephen, F. M.** 2008. Ecology and population assessment of a native tree-killing cerambycid: red oak borer in oak forests of Arkansas. University of Massachusetts, Amherst, Massachusetts.

**Stephen, F. M.** 2008. Red oak borer: history and status of a dynamic insect outbreak. International Forest Insect Research and Advisory Workshop, Breckenridge, Colorado.

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

**Stephen, F. M.,** M. K. Fierke, J. M. Guldin, L. J. Haavik, J. J. Riggins and J. A. Tullis. 2008. Red oak borer as an agent of change in Arkansas forests: an historical perspective. Symposium, Impacts of insects on forest landscapes: implications for forest health management, International Congress of Entomology, Durban, South Africa.

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

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

Thompson, G. T. and **F. L. Goggin.** 2008. Comparative analysis of R gene-mediated aphid resistance in tomato and melon. Special Symposium, Plant interactions with aphids, Wageningen University, Wageningen, the Netherlands.

Trout, R. T., **C. D. Steelman** and A. L. Szalanski. 2008. Population genetics and phylogeography of Arkansas ticks. Acarological Society of America, Reno, Nevada.

Trout, R., **C. D. Steelman** and A. L. Szalanski. 2008. Population genetics and phylogeography of *Amblyomma* ticks. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.

Trout, R. T., **C. D. Steelman**, A. L. Szalanski, P. C. Williamson and K. L. Kvamme. 2008. Genetic identification and environmental modeling of *Borrelia* pathogens isolated from Arkansas ticks and mammals. Society of Vector Ecology, Ft. Collins, Colorado.

Trout, R. T., **A. L. Szalanski** and C. D. Steelman. 2008. Population genetics and phylogeography of Arkansas-collected ticks. National Meeting, Entomological Society of America, Reno, Nevada.

**Wiedenmann, R. N.** 2008. Biological control for everyman: public participation in a weed project. Science Symposium, 150<sup>th</sup> Anniversary of the Illinois Natural History Survey, Champaign, Illinois.

**Wiedenmann, R. N.** 2008. Control biológico de malezas en áreas naturales en los Estados Unidos. Invited keynote address, 29<sup>th</sup> Congress of the Mexican Society for Weed Science, Tapachula, Mexico.

## **FOOD SCIENCE**

**Crandall, P.G.,** E.C. Friedly, M. Patton, **S. Seideman, S.C. Ricke,** C.A. O'Bryan, A.F. Fanatico, R. Rainey. 2008. Organic poultry, consumer perceptions and regulatory issues. Current and Future Prospects for Natural and Organic Poultry Symposia. Poultry Science Annual Meeting. Niagara Falls, Canada. June.

**Hettiarachchy, N.S.**, A. Kannan, M. Marshall. 2008. Your food, your health, your life. International Medical Health Organization (IMHO) Annual Meeting. Miami, FL. March.

**Howard, L.** 2008. Processing and storage effects on blackberry ellagitannins and flavonols. Pre- & Post-harvest and processing factors affecting bioactive health maintaining properties symposium. American Chemical Society National Meeting. Philadelphia, PA. August 20.

**Meullenet, J-F.** 2008. A road map to correlating instrumental measurements of food texture to instrumental corollaries. American Association of Cereal Chemists, Honolulu, Hawaii, September 24.

**Meullenet, J-F.** 2008. A comparison of statistical based methods for the optimization of product formulation. AgroStat 2008. 10èmes journées Européennes Agro-industrie et Méthodes statistiques, Louvain-la-Neuve, Belgium, January 23-25.

Pendleton, S., **S.C. Ricke, P.G. Crandall, C.A. O'Bryan and N.S. Hettiarachchy.** 2008. Antimicrobials for foodborne pathogen reduction in organic and natural meat production. 3<sup>rd</sup> International Conference on Bioprocesses in Food Industries and the 5<sup>th</sup> Convention of the Biotech Research Society. Hyderabad, India. November 6-8.

**Siebenmorgen, T.J.** 2008. Optimal harvest moisture contents for maximizing milling quality of long and medium-grain rice cultivars. Paper presented during the International Grain Quality & Technology Congress. Chicago, IL. July 14-18.

**Siebenmorgen, T.J.** 2008. Optimal harvest moisture contents for maximizing the milling quality of rice. South American Rice Congress. Bogota, Columbia. November 11-14.

**Siebenmorgen, T.J.** 2008. The challenge of quality rice-An update of applying glass transition principles to rice drying. Paper presented during the International Grain Quality & Technology Congress. Chicago, IL. July 14-18.

## **HORTICULTURE**

**Clark, J.R.** Arkansas blackberry breeding update. SunnyRidge Farm 14<sup>th</sup> Annual Growers Conference, Orlando, Fla. Oct. 18, 2008.

**Clark, J.R.** Arkansas fruit breeding: local, national, and international relationships and intellectual property rights management. Purdue Univ. Dept. of Horticulture Seminar Series, West Lafayette, Ind. Dec. 11, 2008.

**Clark, J.R.** Arkansas fruit breeding and U.S. fruit breeding trends. Seminar for the Agricultural Research Council, Stellenbosch, South Africa, Feb. 8, 2008.

**Clark, J. R.** Blackberries around the world: observations and stories. Great Lakes Fruit Expo/North American Raspberry and Blackberry Conference, Grand Rapids, Mich. Dec. 9, 2008.

**Clark, J.R.** Blackberry breeding and world production. Pacific Berry Breeding Field Day, Watsonville, Calif. May 30, 2008.

**Clark, J. R.** Breeding exceptional blackberries. Great Lakes Fruit Expo/North American Raspberry and Blackberry Conference, Grand Rapids, Mich. Dec. 9, 2008.

**Clark, J.R.** Good things happening – ASHS, University of Arkansas fruit breeding, intellectual property rights, and no telling what else. Texas A&M Univ. Dept. of Horticulture Seminar Series, College Station, Tex. Sept. 4, 2008.

**Clark, J.R.** Peach and nectarine variety releases from the University of Arkansas. Great Lakes Fruit Expo Grand Rapids, Mich. Dec. 10, 2008.

**Clark, J.R.** Sabbatical observations: Arkansas fruits move around the world. Washington County Master Gardeners Meeting, Fayetteville, Ark. Nov. 4, 2008.

**Karcher, D.E.** Wetting agents and moisture distribution throughout a sand-based rootzone. Arkansas Turfgrass Association Conference. Hot Springs, AR. January, 2008.

**Karcher, D.E.** Putting green cultivation and thatch removal. 2008 Eastern Pennsylvania Turf Conference. Valley Forge, PA. January, 2008.

**Karcher, D.E.** Sports turf cultivation. 2008 Eastern Pennsylvania Turf Conference. Valley Forge, PA. January, 2008.

**Karcher, D.E.** Wetting agents and moisture distribution throughout a sand-based rootzone. 2008 Eastern Pennsylvania Turf Conference. Valley Forge, PA. January, 2008.

**Karcher, D.E.** University of Arkansas Turfgrass Research Update. 2008 Arkansas Chapter GCSAA Annual Meeting. Little Rock, AR. September, 2008.

**Karcher, D.E.** Reducing irrigation use. 2008 Greenkeeper Nord Golfplatz & Services. Oldenburg, Germany. November, 2008.

**McDonald, G.V.** 2008. Water management part 1: Containment and recycling. GrowersTalks Sustainability Conference. Frisco, TX. November 8, 2008.

**Patton, A.J.** December 10, 2008. Traffic Tolerance of Bermudagrass Cultivars. Georgia Turfgrass Institute, Atlanta, GA.

**Patton, A.J.** November 12, 2008. Using Seed Blankets to Establish Warm-Season Turf. Oklahoma Turfgrass Conference, Stillwater, OK.

**Patton, A.J.** November 11, 2008. Enhancing the Traffic Tolerance of Bermudagrass Fields. Oklahoma Turfgrass Conference, Stillwater, OK.

**Patton, A.J.** September 16, 2008. Univ. of Arkansas Turfgrass Extension and Research Update. Golf Course Superintendents Association of Arkansas, Little Rock, AR.

**Patton, A.J.** Jan. 31 2008. Winter hardiness of zoysiagrass. American Zoysiagrass Forum. Golf Course Superintendents Association of America Education Conference, Orlando, FL.

**Patton, A.J.** Jan. 24 2008. Bermudagrass traffic tolerance. Arkansas Turfgrass Association, Hot Springs, AR.

**Patton, A.J.** December 17, 2008. Going from cool-season to Bermuda: How to and more. Common Grounds Conference, Kansas City, MO.

**Patton, A.J.** December 11, 2008. Workshop – Sprayer Calibration and Impact of Spray Drift. Georgia Turfgrass Institute, Atlanta, GA.

**Patton, A.J.** December 10, 2008. Traffic Tolerance of Bermudagrass Cultivars. Georgia Turfgrass Institute, Atlanta, GA.

**Patton, A.J.** November 17, 2008. Turfgrass Management, Weed Control, and Lawn Troubleshooting. Master Gardener class, Arkadelphia, AR.

**Patton, A.J.** November 12, 2008. Best Methods for Establishing Bermudagrass From Seed. Oklahoma Turfgrass Conference, Stillwater, OK.

**Patton, A.J.** November 12, 2008. Using Seed Blankets to Establish Warm-Season Turf. Oklahoma Turfgrass Conference, Stillwater, OK.

**Patton, A.J.** November 11, 2008. Enhancing the Traffic Tolerance of Bermudagrass Fields. Oklahoma Turfgrass Conference, Stillwater, OK.

**Patton, A.J.** October 17, 2008. Turfgrass Management and Lawn Troubleshooting. Master Gardener class, Little Rock, AR.

**Patton, A.J.** October 13, 2008. Turfgrass Management, Weed Control, and Lawn Troubleshooting. Master Gardener class, Mt. Home, AR. 24 attendees.

**Patton, A.J.** September 23, 2008. Turfgrass Management, Weed Control, and Lawn Troubleshooting. Master Gardener class, Conway, AR.

**Patton, A.J.** September 16, 2008. Univ. of Arkansas Turfgrass Extension and Research Update. Golf Course Superintendents Association of Arkansas, Little Rock, AR.

**Patton, A.J.** September 10, 2008. Turfgrass Workshop. Arkansas Recreation and Parks Association, Little Rock, AR.

**Patton, A.J.** June 23, 2008. Lawn maintenance. Fruit Field Day, Fayetteville, AR.



- Patton, A.J.** March 26, 2008. Establishing and maintaining bermudagrass athletic fields in southern Missouri. Ozark Sports Turf Managers Association. Springfield, MO.
- Patton, A.J.** March 7, 2008. Introducing the 2008 Sod source directory. Perry county sod seminar, Perryville, AR.
- Patton, A.J.** February 28, 2008. Lawns. Master Gardener Training, Hot Springs, AR.
- Patton, A.J.** Feb. 21, 2008. Choosing bermudagrass cultivars for Midwest Athletic fields. Collinsville, IL.
- Patton, A.J.** Feb. 21, 2008. Maintaining bermudagrass athletic fields. Collinsville, IL.
- Patton, A.J.** Feb. 6, 2008. Turfgrass 101. Landscape Maintenance Seminar, Fort Smith, AR.
- Patton, A.J.** Jan. 31 2008. Winter hardiness of zoysiagrass. American Zoysiagrass Forum. Golf Course Superintendents Association of America Education Conference, Orlando, FL.
- Patton, A.J.,** and M.D. Richardson Jan. 30 2008. Utilizing seeded warm-season grasses. Golf Course Superintendents Association of America Education Conference, Orlando, FL.
- Patton, A.J.** Jan. 24 2008. Arkansas turfgrass extension. Arkansas Turfgrass Association, Hot Springs, AR.
- Patton, A.J.** Jan. 24 2008. Ride-on sprayer/spreader calibration. Arkansas Turfgrass Association, Hot Springs, AR.
- Patton, A.J.** Jan. 24 2008. Bermudagrass traffic tolerance. Arkansas Turfgrass Association, Hot Springs, AR.
- Patton, A.J.** Jan. 23 2008. Sprayer calibration and drift. Arkansas Turfgrass Association, Hot Springs, AR.
- Patton, A.J.** Jan. 22 2008. Turfgrass mathematics. Arkansas Turfgrass Association, Hot Springs, AR.
- Patton, A.J.** Jan. 16 2008. Turfgrass identification. Sports Turf Managers Association Conference, Phoenix, AZ.
- Patton, A.J.** Jan. 11 2008. Lawns. Master Gardener Training, Bentonville, AR.
- Patton, A.J.** Jan. 10 2008. Lawns. Master Gardener Training, Fayetteville, AR.
- Rom, C.R.** 2008. Principles of Sustainable Apple Production. MN Apple Growers Association.

**Rom, C.R.** 2008. The Out-of-Class Experience: The Teaching-Learning Experience Through Co-Curricular Activities. Do they Support the Mission or Dilute the Focus? HortSci. 43(4): 1070 [abst]

**Rom, C.R.** 2008. Co-Curricular and extracurricular activities; Introduction to the workshop. ASHS annual meeting, workshop on student activities.

**Rom, C.R.** 2008. The Horticulture of Fruit Crop Nutrition Management. The George Gooding Memorial Keynote Lecture. Mid-Atlantic Fruit and Vegetable Growers Association.

**Rom, C.R.** 2008. Advancement in Peach Tree Training Systems. National Peach Council.

**Rom, C.R.** 2008. The interaction of groundcover and nutrition management in the sustainable organic orchard. SARE New Farm Conference

**Rom, C.R.** and T. Roper. 2008. Designing and Managing the Efficient and Sustainable Modern Orchard. National Roadside and Direct Market Farmers Association. 4 hour workshop.

## **PLANT PATHOLOGY**

Bateman, R.J., **T.L. Kirkpatrick**, W.S. Monfort, and W.D. Kirkpatrick. 2008. Nematode identification, distribution, and losses. *In*: Cotton Nematodes and Our Management Options Today. Workshop at the 2008 Beltwide Cotton Conferences, Nashville, TN. January 8-11. Invited.

**Bluhm, B.H.** 2008. Molecular mechanisms underlying mycotoxin biosynthesis in *Fusarium verticillioides*. ABI annual meeting, October 2008, Little Rock, AR. **Invited.**

**Bluhm, B.H.** and Dunkle L.D. 2008. Regulation of pathogenesis by light in *Cercospora zeae-maydis*: Identification of a photoreceptor required for infection of maize. APS Annual Meeting, August 2008, Minneapolis, MN. **Invited.**

**Bluhm, B.H.** 2008. Involvement of *ZFR1* of *Fusarium verticillioides* in kernel colonization and the regulation of *FST1*, a putative sugar transporter gene required for fumonisin biosynthesis on maize kernels. Annual meeting of the British Society of Plant Pathology, December 2008, London, UK. **Invited.**

**Cartwright, R.D.** 2008. Soybean Planting Seed Quality Research and Education in Arkansas. Presentation to Arkansas Soybean Research Conference at Brinkley, AR, Dec 9, 2008. **Invited.**

**Correll, J.C.** and Koike, S. 2008. Update on a new strain of downy mildew in the United States. Monterey County, CA - Plant Disease Seminar. Nov. 11. **Invited.**

**Kirkpatrick, T.L.** 2008. Nematode management. Mississippi State University Cotton Short Course. December 1-2. **Invited.**

**Kirkpatrick, T.L.** 2008. What will increasing corn acreage do to nematode populations in the mid-South: Implications for future nematode management strategies. 11<sup>th</sup> Annual National Conservation Systems Conference – Cotton & Rice. Tunica, MS. January 21-22. **Invited.**

**Kirkpatrick, T.L.** and W.S. Monfort. 2008. The need for more efficient nematode management in cotton. *In:* Precision Agriculture, Information Technology, and Nematode Control. Symposium at the 5<sup>th</sup> International Congress of Nematology. Brisbane, Australia. July 12-17. **Invited.**

**Kirkpatrick, T.L.** and W.S. Monfort. 2008. Soybean Diseases and Nematodes: Emerging Issues. Brinkley, AR. December 9. **Invited.**

**Korth, K.L.** 2008. *Dissecting chemical and structural defenses against insects in legumes.* Samuel Roberts Noble Foundation Plant Biology Division 20<sup>th</sup> Anniversary Symposium. Ardmore, OK, October, 2008. **Invited.**

**Monfort, S.** 2008. Arkansas Commercial Pesticide Training, Little Rock, 11/13/2008. **Invited.**

**Monfort, S.** 2008. Dow Chemical Company, Indianapolis, IN, 7/27-28/2008. **Invited.**

**Monfort, S.** 2008. International Congress of Nematology, Australia, 7/13-18/2008. **Invited.**

**Monfort, S.** 2008. Soybean Research Conference, Brinkley, 12/9/2008. **Invited.**

**Rothrock C. S.** 2008. Workshop Managing cotton nematodes: Management options and regional successes. Nematode interactions: Root-knot nematode and *Thielaviopsis basicola*, the black root rot pathogen. 2008 Beltwide Cotton Conferences, Jan.8-11, 2008, Nashville. **Invited.**

**Rupe, J. C.** 2008. Sudden Death Syndrome: a History. Presented at the North Central Soybean Research Program SDS Workshop, Ames, IO, 20 November 2008. **Invited.**

**Tzanetakis, I. E.** 2008. Blackberry yellow vein disease: How many viruses are involved? Sunny Ridge Farm 2008 Growers' Conference Oct.17 – 19 Orlando, Florida. **Invited.**

## **POULTRY SCIENCE**

**Anthony, N. B.,** Poultry Selection and breeding practices. Macfarlane Pheasant Farms, Janesville, Wisconsin. (Invited presentation)

**Anthony, N.B.,** Update of Midwest Poultry Grant: Determining the Proper Rearing Density for Meat Type Pheasants. Macfarlane Pheasant Farms, Janesville, Wisconsin. (Invited presentation)

**Anthony, N.B.,** Cobb Vantress: RAC project review (Mating behavior of broiler breeder males). (Invited presentations)

**Anthony, N.B.,** Cobb Vantress: Participated in corporate R&D Meeting. (Invited presentations)

**Anthony, N.B.**, Cobb Vantress: SNP typing of ascites susceptible and resistant broilers. (Invited presentations)

**Bramwell, R. K.**, 2008. On Farm Hatching Egg Transport and Storage. Proceedings of the Jamesway Hatchery Management Seminar, Raleigh, North Carolina, April. (*invited presentation*)

**Bramwell, R. K.**, A. D., Swaffar, D. E. Yoho, J. R. Moyle, and R. S. Harper, 2008. Optimal weighing of today's breeders – New Research. Proceedings of the Annual Poultry Federation Symposium Breeder Section, Springdale, AR, April. (*invited presentation*)

**Bramwell, R. K.**, 2008. Importance of Biosecurity in the Poultry Industry. FANAVI Poultry conference, United Promotions Inc., Laboratorios TOPP, Maracaibo, Venezuela, May. (*invited presentation*)

**Chapman, H. D.** (2008). Coccidiosis in the turkey: the contribution of Michael Clarkson. 62<sup>nd</sup> Meeting of the Association for Veterinary Teaching and Research Work, 17-20 March, Scarborough, UK.

**Chapman, H. D.** (2008). A landmark contribution to Poultry Science. Landmark symposium. Centennial meeting of the Poultry Science Association, Niagara Falls, ON, Canada.

Clark, S. R., **Chapman, H. D.**, Somers, F. and Gussem, M. (2008). Efficacy of lasalocid against isolates of *Eimeria* from turkey flocks. 145<sup>th</sup> American Veterinary Medical Association meeting, New Orleans, July 19-22 p 24.

**Coon, C.** 2008. Maximizing energy utilization for poultry: Management practices. American Soybean Association Seminars, Amman, Jordan. February 11. *Invited*

**Coon, C.** 2008. Feeding regimens for broiler breeders. American Soybean Association Seminars. Amman, Jordan. February 11. *Invited*

**Coon, C.** , 2008. Maximizing energy utilization for poultry: Nutrition practices. American Soybean Association Seminars, Amman, Jordan. February 12. *Invited*

**Coon, C.** 2008. Maximizing energy utilization for poultry: Management practices. American Soybean Association Seminars, Izmir, Turkey. February 14. *Invited*

**Coon, C.** 2008. Maximizing energy utilization for poultry: Nutrition practices. American Soybean Association Seminars, Izmir, Turkey. February 14. *Invited*

**Coon, C.** 2008. Feeding regimens for broiler breeders. American Soybean Association Seminars. Izmir, Turkey. February 15. *Invited*

**Coon, C.** 2008. Feeding regimens for broiler breeders. American Soybean Association Seminars. Cairo, Egypt. February 16. *Invited*

- Coon, C.** 2008. Maximizing energy utilization for poultry: Management practices. American Soybean Association Seminars, Cairo, Egypt. February 17. *Invited*
- Coon, C.** 2008. Maximizing energy utilization for poultry: Nutrition practices. American Soybean Association Seminars, Cairo, Egypt. February 17. *Invited*
- Coon, C.** 2008. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Michigan Poultry Day. Grand Rapids, MI. February 21. *Invited*
- Coon, C.** 2008. Maximizing energy utilization for layers with environmental temperatures. Michigan Poultry Day. Grand Rapids, MI. February 21. *Invited*
- Coon, C.** 2008. Nutrient requirement of laying hens. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. April 21. *Invited*
- Coon, C.** 2008. Optimizing ingredient utilization through a better understanding of amino acid bioavailability. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización Nutrición Avícola. San José, Costa Rica. April 22. *Invited*
- Coon, C.** 2008. The development of a chick retention bioassay for evaluating phosphorus sources and determining requirements. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. April 23. *Invited*
- Coon, C.** 2008. The present and future utilization of biotechnology in the feed industry. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. April 24. *Invited*
- Coon, C.** 2008. The digestible amino acid requirement of broilers for maintenance and gain. Centro Latinoamericano De Nutrición animal-Lance. Curso de Actualización en Nutrición Avícola. San José, Costa Rica. April 25. *Invited*
- Coon, C.** 2008. Corn and co-products used in poultry formulations. International Feed and Marketing Program, Kansas State University, Manhattan, KS. May 1. *Invited*
- Coon, C.** 2008. Formulating broiler diets in Russia. International Feed and Marketing Program, Kansas State University, Manhattan, KS. May 2. *Invited*
- Coon, C.** 2008. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Proceedings for the Multi-State Nutrition Conference, Indianapolis, IN. May 21. *Invited*
- Coon, C.** 2008. DDGS Nutrition Performance: Poultry Diets. International Distillers Grain Conference and Tradeshow, Indianapolis, IN. October 21. *Invited*
- Coon, C.** 2008. Broiler feeding strategies in the U.S. United Soybean Board and International Marketing Conference. Izmir, Turkey. October 30. *Invited*

**Coon, C.** 2008. Layer feeding strategies in the U.S.. United Soybean Board and International Marketing Conference. Izmir, Turkey. October 31. *Invited*

**Coon, C.** 2008. The digestible ideal amino acid requirements of broilers, layers, and broiler breeders. United Soybean Board and International Marketing Conference. Medellin, Columbia. December 11. *Invited*

**Coon, C.** 2008. Broiler Integration in the U.S. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 20. *Invited*

**Coon, C.** 2008. Broiler feeding strategies in the U.S. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 20. *Invited*

**Coon, C.** 2008. Maximizing Energy Utilization for Poultry: Management and Nutrition. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 20. *Invited*

**Coon, C.** 2008. Feeding layers. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 21. *Invited*

**Coon, C.** 2008. Feeding broiler breeders. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 21. *Invited*

**Coon, C.** 2008. The digestible ideal amino acid requirements of broilers, layers, and broiler breeders. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 22. *Invited*

**Coon, C.** 2008. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Broiler Integration Seminars. United Soybean Board and International Marketing Conference. Amman, Jordan. December 22. *Invited*

**Donoghue, D.J.** (2008). Preharvest control of foodborne pathogens in poultry. Convención Anual de la Asociación Nacional de Especialistas en Aves (ANECA). Queretaro, Mexico. CD. (Invited Presentation).

Reyes-Herrera\*\*, I. and **D.J. Donoghue** (2008). Food safety consideration on the distribution of antibiotic residues in poultry muscle tissues. Arkansas Veterinary Medical Association, Little Rock, AR. CD. (Invited Presentation).

Tellez, G., N.R. Pumford, M.J. Morgan, A.D. Wolfenden, **D.J. Donoghue**, A.M. Donghue and B.M. Hargis (2008). Effective competitive exclusion: Increasing compliance and widespread utilization with cost-effective feed-stable isolates. Arkansas Science and Technology Authority, Little Rock, AR. CD. (Invited Presentation).

**Kuenzel, W.J.** 2008. A Landmark Contribution to Poultry Science – A tribute to Dr. Arivan Tienhoven for a paper he published in the journal Poultry Science in 1956. presented at the Poultry Science Association meeting, July 20-23, Niagara Falls, Canada. [Invited Presentation]

**Kuenzel, W.J.** and A. Jurkevich\*. 2009. Molecular and physiological interactions of Jurkevich, A.\*, J. Xie and **W.J. Kuenzel**. 2008. Induction of Fos protein expression in the septal, hypothalamic region of male broiler breeders following mating behavior. (S1020 Multistate Research Project, October 29-31, New Orleans, LA).

**Kuenzel, W.J., D.L. Allen, J. Xie** and A. Jurkevich\*. 2008. Effects of electrolytic lesions on the medial bed nucleus of the stria terminalis on appetitive and consummatory reproductive behavior in male broiler breeders. (S1020 Multistate Research Project, October 29-31, New Orleans, LA).

Emmert, J.L., **C.M. Owens**, C.Z. Alvarado, S.R. McKee, and S. Bilgili. 2008. Multi-Media Educational Tool for Poultry Meat and Egg Processing Instruction. PSA Annual Meeting, Niagara Falls, Ontario, Canada (Invited)

**Waldroup, P.W.** 2008. Soybean meal – How will it fare in the future? The role of U.S. Soy in a Dynamically Changing Poultry Industry. American Soybean Association-International Marketing, Jan. 23, Atlanta GA. (Invited)

**Waldroup, P.W.** 2008. Soybean meal – How will it fare in the future? The role of U.S. Soy in a Dynamically Changing Poultry Industry. American Soybean Association-International Marketing-Sumitomo Chemicals Joint Seminars, Oct. 6-10, Tokyo and Kagoshima, Japan. (Invited)

**Waldroup, P.W.** 2008. Challenges to Nutrition in the 21<sup>st</sup> Century. American Soybean Association-International Marketing-Sumitomo Chemicals Joint Seminars, Oct. 6-10, Tokyo and Kagoshima, Japan. (Invited)

**Waldroup, P.W.** 2008. Early Broiler Nutrition as Influenced by Maternal Diet and Post-Hatch Feeding. San Fernando Poultry Conference, Lima Peru. Oct 20-24. (Invited)

Coto, C., and **P. W. Waldroup**. 2008. Interrelationship of dietary levels of Calcium and Phosphorus with HyD and Ronozyme in broiler diets on live performance and bone development. IV Seminario Técnico de DSM Nutritional Products Guatemala y Costa Rica. San Jose, Costa Rica. Nov. 23-24. (Invited)

**Wideman, R. F.** The Yin and the Yang of a Chicken Model for Pulmonary Arterial Hypertension. University of Arkansas Sigma Xi seminar, 28 March, 2008 (invited).

## HUMAN ENVIRONMENTAL SCIENCES

Young, M.E., T. Penhollow, **W.C. Bailey**. (2008). Casual sex and condom use: is there a double standard? American Alliance for Health, Physical Education, Recreation, and Dance National Convention and Exposition. Fort Worth, TX.

**Farmer, F.L** and Z.K. Moon. (2008). Human and social capital drivers of migration destination decision-making: Mexican migrants choosing rural America. Invited Presentation at Rural Development Program Project Director's Meeting. Manchester, NH.

**Farmer, F.L** and Z.K. Moon. (2008). Empirical comparisons of entrepreneurial readiness of Hispanic immigrants to the nonmetropolitan U.S. rural sociology as public sociology: past, present and future. Rural Sociological Society. Manchester, NH.

Moon, Z.K. and **F.L Farmer**. (2008). An empirical examination of processes associated with deforestation near public lands. International Symposium on Society and Resource Management, People and Place: Linking Culture and Nature, Burlington, VT.

Dodson, H.G., T. Morelock and **M.E. Fitch-Hilgenberg**. (2008). In vitro iron bioavailability of selected spinach genotypes. International Spinach Conference. San Antonio, TX.

Dodson, H.G., **M.E. Fitch-Hilgenberg** and T.E. Morelock. (2008). New uses for oversized spinach leaves as a fresh product. International Spinach Conference. San Antonio, TX.

**Foote, J.C.** (2008). Decision making about the Motley Crue of dietary supplements...while having an 80's flashback. Arkansas Dietetic Association. Invited presentation.

**Foote, J.C.** (2008). Evaluating the safety and efficacy of dietary supplements: a clinician's perspective. Ouachita Baptist University Nell Mondy Lecture Series. Invited presentation.

**Foote, J.C.** (2008). The use of sports nutrition principles in the treatment of chronic disease. Western Arkansas District Dietetic Association. Invited presentation.

**Gentry, M., C. Wallack** and **N.G. Miller**. (2008). Why we use vertically integrated teams. IDEC Southwest Regional Conference. Boulder, CO.

**Gentry, M.** and **H. Sattar**. (2008). Stimulating creativity through critical thinking and cooperative learning. IDEC Southwest Regional Conference. Boulder, CO.

Miszczak, D.C., **R.J. Harrington** and M.C. Ottenbacher. (2008). Beer and pizza pairing: the impact of spice. I-CHRIE Conference. Atlanta, GA.

Mirsky, E., **R.J. Harrington** and M.C. Ottenbacher. (2008). Inspiring the kitchen; gender differences in the innovation strategy approaches used by chefs. I-CHRIE Conference. Atlanta, GA.



Hsu, A. **R.J. Harrington** and M.C. Ottenbacher. (2008). Gastronomy tourism: a snare for asian heritage travelers? The 8<sup>th</sup> Biennial Conference on Tourism in Asia. Angers, France.

Ottenbacher, M.C. and **R.J. Harrington**. (2008). US, German and Spanish culinary innovation processes: implications of institutional, cultural and contextual factors. International Product Development Management Conference. Hamburg, Germany.

**Harrington, R.J.**, M. McCarthy and M. Gozzi. (2008). North meets south; Canadian wines and southern US cheeses. Society of Wine Educators Conference. New Orleans, LA.

DeCoster, V. and **T.S. Killian**. (2008). African American elders adapting to diabetes: an adaptation and test of the illness intrusiveness model. Second World Congress of the Association of Psychiatry and Psychology for Adults and Children. Athens, Greece.

Peyrot, B., **M.J. Turner**, M. Kula and **T.S. Killian**. (2008). Depressive symptoms of older persons in the United States and Europe. National Council of Family Relations, Little Rock, AR.

Kula, M. and **T.S. Killian**. (2008). Rural disadvantage in informal social support for older persons and their well-being. National Council of Family Relations. Little Rock, AR.

Sheng, X. and **T.S. Killian**. (2008). Who helps whom? Sources of assistance received by older persons. National Council of Family Relations. Little Rock, AR.

Kula, M. and **T.S. Killian**. (2008). Evidence for rural disadvantage in informal social support for older persons and their well-being. Rural Sociological Society. Manchester, NH.

**Martin, S.** (2008). Promoting global awareness of children and families. World Organization for Early Childhood Education. Dallas, TX.

Jones, R., **S. Martin** and **M. Crandall**. (2008). Going green: connecting children, teachers, directors and families with the environment. World Organization for Early Childhood Education. Dallas, TX.

**Martin, S.** (2008). Activities to build mastery to enhance self-esteem for children from 10 to 36 months of age. Southern Early Childhood Association. Covington, KY.

**Martin, S.** (2008). Relationships among hands-on experiences, positive guidance and learning. Arkansas Early Childhood Association. Hot Springs, AR.

**Webb, J.**, B. Williams, K. Smith and **N.G. Miller**. (2008). Rethinking the future: disability, definition and design. Interior Design Educators Council. Montreal, Canada.

Pate, S., K. Blaylock and **L. Southward**. (2008). Fashion merchandising faculty dress compared to students' learning environment. International Textiles and Apparel Association. Chicago, IL.

**Wallack, C.J.** (2008). The model and the medium. Popular Culture Association/American Culture Association. San Francisco, CA.

Capps, B. and **K. Way**. (2008). Service standards that allow servers to receive a tip of 20% or more. 13<sup>th</sup> Annual Graduate Education and Graduate Student Research Conference in Hospitality and Tourism. Orlando, FL.

**Way, K.** (2008). Hospitality education branding of programs and students. I-CHRIE. Atlanta, GA.

Smith, K., **J. Webb** and B. Williams. (2008). Redefining equality in housing in the South: designing the Arkansas proto-house. 39<sup>th</sup> Annual Conference of the Environmental Design Research Association. Veracruz, Mexico.

Smith, K., **J. Webb** and B. Williams. (2008). The state of research with regards to disability and housing in Arkansas. AARP. Little Rock, AR. Invited presentation.

**Warnock, M.M.** (2008). Effects of biodegradation on the physical characteristics of selected nonwovens. Beltwide Cotton Conference. Nashville, TN.

**Warnock, M.M.** (2008). Nonwovens symposium summary. Beltwide Cotton Conference. Nashville, TN.

**Warnock, M.M.** and L. Cheramie. (2008). Quality assessment: domestic versus foreign manufactured men's suits. 21<sup>st</sup> World Congress of International Federation for Home Economics. Lucerne, Switzerland.

## **PLANT PATHOLOGY**

Avanzato, M. V., **J. C. Rupe**, C. S. Rothrock. 2008. The importance of *Fusarium* and *Pythium* species in seed decay and root rot on soybean. University of Arkansas. Phytopathology 98:S16.

Avanzato, M. V., **J. C. Rupe**, C. S. Rothrock. 2008. The importance of *Fusarium* and *Pythium* species in seed decay and root rot on soybean. University of Arkansas. Phytopathology 98:S16 Annual meeting of the American Phytopathological Society, July 2008.

Avanzato, M. V., Rupe, J. C., and **Rothrock, C. S.** 2008. The importance of *Fusarium* and *Pythium* species in seed decay and root rot on soybean. Annual meeting of the American Phytopathological Society, July 27-July 30, Minneapolis, MN.

Butchko, Robert A.E., Daren W. Brown, Robert H. Proctor, Mark Busman, Charles P. Woloshuk, **Burton H. Bluhm**, and Hun Kim. 2008. Altered expression of polyketide biosynthetic gene clusters in fumonisin-deficient mutants of *Fusarium verticillioides*. Gordon Conference on Fungal Biology.

**Coker, C.M., Jr.** 2008. Wheat Rust/disease management Update. McGehee, AR. April 30. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Neocosmospora Update. Monticello, AR. Aug. 28. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Pesticides/Defoliant in Our Environment. UAM Nursing Students, Monticello, AR. February 25. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rust and other Soybean Disease Update. Stuttgart, AR. Sept 25. Cooperative Extension Service, U of A.

**Coker, C.M., Jr.** 2008. Soybean Disease Update. Grady, AR. Aug. 27. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Management Update. Ferndale, AR. Dec. 11-12. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean disease update & management. Success, AR. Aug. 11. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Arkansas Rust Scouting Efforts during 2008. NCERA 208 Conference, Baton Rouge, LA. Sept. 23-24. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Corn, Wheat, & Milo Diseases. Parkdale, AR. Jan. 23. Cooperative Extension Service, University of Arkansas (three presentations).

**Coker, C.M., Jr.** 2008. Corn/Soybean Rust/diseases update. Sherrill, AR. July 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Corn/Wheat/Grain Sorghum Disease Management. Marianna, AR. Feb.7. Cooperative Extension Service, University of Arkansas (three presentations).

**Coker, C.M., Jr.** 2008. Corn/Wheat/Rice/Soybean disease management. Scott, AR. Feb.15. Cooperative Extension Service, University of Arkansas. (four presentations).

**Coker, C.M., Jr.** 2008. Cotton Nematode & Seedling Disease management Update. McGehee, AR. March 5. Cooperative Extension Service. (two presentations).

**Coker, C.M., Jr.** 2008. Cotton/Cotton Diseases Update. Elaine, AR. July 5. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Grain Sorghum Disease ID. Rohwer, AR. Aug. 8. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Nematode Sampling Procedures. Rohwer, AR. July 15. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rating Galling of RKN on Cotton. Rohwer, AR. Sept. 18. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rice & Soybean Disease Management Update. Lake Village, AR. Feb.8. Cooperative Extension Service, University of Arkansas (two presentations).

**Coker, C.M., Jr.** 2008. Rice & Soybean Disease Management. Corning, AR. Feb.5. Cooperative Extension Service, University of Arkansas (two presentations).

**Coker, C.M., Jr.** 2008. Rice & Soybean Diseases. Clarendon, AR. Feb. 13. Cooperative Extension Service, University of Arkansas (two presentations).

**Coker, C.M., Jr.** 2008. Rice Disease Management Update. Wynne, AR. Feb. 11. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rice diseases. NEREC, Keiser, AR. February 27. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust Update & Disease I.D. Cornerstone, AR. Aug. 21. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean & Rice Disease Management, Dumas, AR. Jan. 14. Cooperative Extension Service, University of Arkansas (two presentations).

**Coker, C.M., Jr.** 2008. Soybean disease & fungicide update. ACPA/APFES/CCA Crop Management Conference. Little Rock, AR. Jan. 30.

**Coker, C.M., Jr.** 2008. Soybean Disease & Rust Fungicide Evaluation. Rohwer., AR. August 4. Cooperative Extension Service, University of Arkansas. (2 presentations).

**Coker, C.M., Jr.** 2008. Soybean Disease I.D., SEBES, Rohwer, AR. July 24. Cooperative Extension Service, University of Arkansas. (4 presentations).

**Coker, C.M., Jr.** 2008. Soybean disease update & management. Marion, AR. Aug. 8. Cooperative Extension Service, University of Arkansas. (2 presentations).

**Coker, C.M., Jr.** 2008. Soybean Diseases & Foliar Fungicide Update. Casscoe, AR. Oct. 9. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Fungicides/Rust Disease management. Tunica, MS. March 6. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust & Disease Update. Pine Bluff, AR. January 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust ID & Disease Ratings. Rohwer, AR. Aug. 21. Sipcam personnel. Cooperative Extension Service, University of Arkansas. (two presentations).

**Coker, C.M., Jr.** 2008. Soybean Rust Update. DeWitt, AR. Aug. 5. Cooperative Extension Service, University of Arkansas. (Two presentations).

**Coker, C.M., Jr.** 2008. Soybean Rust/disease management Update. Jerome, AR. June 9. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust/disease management Update. Lonoke, AR. June 13. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust/disease management Update. Searcy, AR. June 13. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust/disease management. Portland, AR. March 7. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases ID. Rohwer, AR. July 15. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update & Rice Disease Update. Pocahontas, AR. July 25. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Cash, AR. Aug. 20. Cooperative Extension Service, University of Arkansas. . ( four presentations).

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Marianna, AR. Aug. 7. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. McGehee, AR. Aug. 15. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Stuttgart, AR. Aug. 13. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Woodruff Co., AR. July 25. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Crawfordsville, AR. Aug. 12. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Seed Treatment Update. Rohwer, AR. June 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Seed Treatment Update. Rohwer, AR. June 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Seed Treatment Update. Rohwer, AR. June 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean/ Cotton diseases Update. Jonesboro, AR. June 20. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean/ Rice Disease Management, Newport, AR. Jan. 11. Cooperative Extension Service, University of Arkansas. (Two presentations).

**Coker, C.M., Jr.** 2008. Soybean/ Rice Disease Management, Pocahontas, AR. Jan. 11. Cooperative Extension Service, University of Arkansas. (Two presentations).

**Coker, C.M., Jr.** 2008. SoybeanRust/ Disease Update. NEREC, Keiser, AR. February 14. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Vegetable diseases. Lee County, AR. February 22. Cooperative Extension Service, University of Arkansas. (Two presentations).

**Coker, C.M., Jr.** 2008. Wheat Rust/disease management Update. Grady, AR. April 7. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Cotton RKN Sampling & Management. Rohwer, AR. June 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rice & Soybean Disease Management. Paragould, AR. Feb.5. Cooperative Extension Service, University of Arkansas (two presentations).

**Coker, C.M., Jr.** 2008. Soybean Rust Update. Dumas, AR. Jan. 4. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Fungicides/Rust Disease management. Brinkley, AR. March 4. Cooperative Extension Service.

**Coker, C.M., Jr.** 2008. Soybean Rust & Disease Update. Wharton, TX. July 31. Cooperative Extension Service, University of Arkansas. (two presentations).

**Coker, C.M., Jr.** 2008. Soybean Rust/disease management Update. Jonesboro, AR. June 12. Cooperative Extension Service.

- Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update & Rice Disease Update. Tillar, AR. July 29. Cooperative Extension Service, University of Arkansas. (Two presentations).
- Coker, C.M., Jr.** 2008. Soybean Rust/diseases Update. Wheatly, AR. Aug. 19. Cooperative Extension Service, University of Arkansas.
- Coker, C.M., Jr.** 2008. Tomato/disease Identification/Rating. Monticello, AR. June 23. Cooperative Extension Service.
- Conn, J. R., Popp, M., Rupe, J., and **Rothrock, C. S.** 2008. Soybean seed treatment effectiveness in Arkansas: An examination of several seed treatments. Arkansas Crop Protection Association, Dec. 1-2, 2008, Fayetteville.
- Correll, J. C.** and Koike, S. 2008. Update on a new strain of downy mildew in the United States. Monterey County, CA - Plant Disease Seminar. Nov. 11.
- Correll, J. C.** Feng, C., Kudrna, D. A., Ammiraju, J. Raju, Wing, R. A. 2008. Construction of a spinach (*Spinacia oleracea*) BAC library. XVII Plant and Animal Genomics Meeting. San Diego, CA. Jan 12.
- Correll, J. C.** Koike, S. Feng, C., and Morelock, T.E. 2008. Update on spinach downy mildew in Arkansas and California. International Spinach Meeting. San Antonio, TX. Dec 1.
- Correll, J. C.**, du Toit, L. J., and Villarroel-Zeballos, M. 2008. Verticillium wilt and seed transmission. International Spinach Conference. San Antonio, TX. Dec. 1.
- Crippen, D.L., Robinson, J.C., and **Cartwright, R.D.** 2008. Evaluation of soybean cultivars for reaction to chloride toxicity under greenhouse and field conditions. Cultivar Screening Test Report.
- Crippen, D.L., Robinson, J.C., Parsons, C.E., Yingling, J.A., and **Cartwright, R.D.** 2008. Effect of fungicides on disease and yield of grain sorghum in Arkansas. Fungicide Test Report.
- Crippen, D.L., Robinson, J.C., Parsons, C.E., Yingling, J.A., and **Cartwright, R.D.** 2008. Evaluation of 30 grain sorghum hybrids for reaction to diseases under Arkansas field conditions. Cultivar Disease Screening Test Report.
- Crippen, D.L., Yingling, J.A., Robinson, J.C., Parsons, C.E., and **Cartwright, R.D.** 2008. Evaluation of 293 soybean cultivars for reaction to aerial blight disease under field conditions in Arkansas. Cultivar Disease Screening Test Report.
- Dai, Y., Jia, Y., Wang, Y. Lee, F. N., and **Correll, J. C.** 2008. Structural and functional analysis of the rice blast fungus avirulence gene *AVR-Pita*. Phytopathology 98:S44.

Feng, C., Ware, S. B., Cornelius, K., Gabor, B., Harp, T. L., and **Correll, J. C.** 2008. Examination of variation among isolates of *Colletotrichum* species causing chili anthracnose worldwide. *Phytopathology* 98:S53.

Dreher, T.W. and **I.E. Tzanetakis** 2008. Dulcamara mottle virus and the diversity of tymoviral 3' UTRs. 27th annual meeting of the American Society for Virology, Ithaca, New York, July 12-16.

Gomaa, N. M., **Rothrock, C. S.**, and Jia, Y. 2008. Sequence variation of the rDNA internal transcribed spacer (ITS) region among isolates of *Rhizoctonia solani*. 4th International Symposium on *Rhizoctonia*. Aug 20-22, 2008, Berlin, Germany.

Holtz, D., Radhakrishnan Nagarajan, McGehee, R.E., Jr., Nakata, P.A. **Korth, K.L.** 2008. Leaf calcium oxalate crystal structure and its role in defense against a chewing insect in *Medicago truncatula*. Oral presentation at the annual Southern Section meeting of the American Society of Plant Biologists, Bossier City, LA, March, 2008.

Jaraba, J., **Rothrock, C. S.**, and Kirkpatrick, T.L. 2008. Impact of soil texture on the reproduction and survival of *Meloidogyne incognita* and *Thielaviopsis basicola* on cotton. 9<sup>th</sup> International Congress of Plant Pathology August 24-29, Torino Italy.

Jaraba, J., **Rothrock, C. S.**, Kirkpatrick, T.L. 2008. Impact of soil texture on the reproduction and damage potential of *Meloidogyne incognita* and *Thielaviopsis basicola*, and their interaction, on cotton. 2008 Beltwide Cotton Conferences, Jan.8-11, 2008, Nashville.

**Kirkpatrick, T.L.** 2008. Nematodes. Guest Lecture, Plant Science Classes – Arkansas State University. Jonesboro, AR. March 4.

**Kirkpatrick, T.L.** 2008. Site-specific nematicide applications in Arkansas. University Cooperators Idea Exchange Meeting. Golden Meadow, LA. February 12-15.

**Kirkpatrick, T.L.** 2008. Building Organic Horticulture Extension Training Capacity in the Southeast (Workshop). Mt. Sequoya (Fayetteville, AR) May 13 and Winrock International (Morrilton) May 15.

**Kirkpatrick, T.L.** 2008. Cotton nematodes. Ashley/Chicot County Cotton Production Meeting. Parkdale, AR. February 5.

**Kirkpatrick, T.L.** 2008. Fall management and winter preparation for vegetable production. Texarkana Farmers' Market Association. Texarkana, AR. September 4.

**Kirkpatrick, T.L.** 2008. Nematode management in cotton. Adams Land Co., Leachville, AR. August 14.

**Kirkpatrick, T.L.** 2008. Nematode management. Bayer Crop Science "The First 40 Days" cotton grower regional workshop. Tunica, MS. March 18.



**Kirkpatrick, T.L.** 2008. Nematodes. Web-based lecture to North American home school biology students. May 28.

**Kirkpatrick, T.L.** 2008. Root-knot nematode interactions with soybean and corn. 52<sup>nd</sup> Annual Tri-State Soybean Forum. Dumas, AR. January 4.

**Kirkpatrick, T.L.** 2008. Early season nematode and disease management. Syngenta Cotton Growers Meeting. Blytheville, AR. March 13.

**Kirkpatrick, T.L.** 2008. General nematodes and small fruit disease control – homeowner edition. Pesticide recertification training class. Little Rock, AR. November 13.

**Kirkpatrick, T.L.** 2008. Manage tomato nematodes with biofumigation crops. Southwest Research & Extension Center Horticulture Field Day. June 5.

**Kirkpatrick, T.L.** 2008. Nematode and disease control in vegetable crops. Lee County Production Meeting. Marianna, AR. February 22.

**Kirkpatrick, T.L.** 2008. Nematodes on soybeans. Craighead Co. Grower Meeting. Jonesboro, AR. December 15.

Lemaux, P.G., Alonso, B., **Cartwright, R.D.**, Korth, K. and Greer, C. 2008. RiceCAP – the Coordinated Agricultural Project for Rice. Proc. 32<sup>nd</sup> RTWG, San Diego, CA Feb 18-21, 2008. (Abst).

Liu, G., Jia, Y., Correa-Victoria, F. J., McClung, A. and **Correll, J. C.** 2008. Identification of quantitative trait loci (QTLs) responsible for sheath blight resistance in rice using recombinant inbred line populations of Lemont x Jasmine 85. *Phytopathology* 98:S92.

Martin, R.R. and **Tzanetakis, I.E.**, 2008. Characterization of three novel viruses infecting raspberry. *Acta Horticulturae* 777:317-322

Martin, R.R. and **Tzanetakis, I.E.**, 2008. Strawberry virus survey in the United States and Canada. 100th APS annual meeting, Minneapolis, Minnesota, July 26-30.

Martin, R.R., **I.E. Tzanetakis**, F.L. Caruso and J.J. Polashock, 2008. Emerging and reemerging virus diseases of blueberry and cranberry. 9th International *Vaccinium* Symposium, Corvallis, Oregon July 13-16.

Martin, R.R., J. Susaimuthu, S. Sabanadzovic, R.C. Gergerich and **I.E. Tzanetakis**, 2008. Blackberry yellow vein disease is caused by multiple virus complexes. 9th International Congress of Plant Pathology, Turin, Italy Aug. 24-29.

**Milus, E. A.** 2008. Races of stripe rust in eastern United States. Midsouth Association of Wheat Scientists.

**Milus, E. A.** 2008. Resistance in wheat to Barley yellow dwarf. Midsouth Association of Wheat Scientists.

**Milus, E. A.** 2008. Update on stem rust of wheat. Midsouth Association of Wheat Scientists.

**Monfort, S.** 2008. International Precision Agriculture Conference, Colorado, 7/20-23/2008.

**Monfort, S.,** Kirkpatrick, T. L., Carroll, A., and Emerson, M. 2008. Managing Nematodes in Soybean. Proc. International Precision Ag Conference. July 20-23, 2008. (abstract).

Navia-Gine, W., Yuan, J.S., Chen, F., and **Korth, K.L.** 2008. Regulation and characterization of an insect-induced *E*-(□)-ocimene synthase in *Medicago truncatula*. Oral presentation at the annual Southern Section meeting of the American Society of Plant Biologists, Bossier City, LA, March, 2008.

Ng, J., N. Salem, B. Falk and **I. Tzanetakis**, 2008. Genome sequencing, molecular characterization and whitefly transmission of Lettuce chlorosis virus (LCV). 27th annual meeting of the American Society for Virology, Ithaca, New York, July 12-16.

Parsons, C.E. Yingling, J.A. and **Cartwright, R.D.** 2008. Effect of Azoxystrobin Fungicide on Sheath Blight and Yield of Different Rice Cultivars. Proc. 32<sup>nd</sup> RTWG, San Diego, CA Feb 18-21, 2008. (Abst).

Parsons, C.E., Crippen, D.L., Robinson, J.C., Yingling, J.A., and **Cartwright, R.D.** 2008. Effect of fungicides on aerial blight and yield of soybean. Fungicide Test Report.

Parsons, C.E., Yingling, J.A., and **Cartwright, R.D.** 2008. Effect of novel fungicides on blast, yield and milling quality of CL 161 rice. Fungicide Test Report.

**Rothrock C. S.** 2008. Arkansas state report. S-1028 Ecological and genetic diversity of soilborne pathogens and indigenous microflora, Nov 1-2, Ft. Lauderdale, FL.

**Rothrock, C. S.** 2008. Arkansas state report. Cotton Foundation Cotton Seedling Disease Committee. December 2-3, Memphis.

**Rothrock, C. S.,** Winters, S. A., Barham, J. D., Beach, A. B., Bayles, M. B., Caceres, J., Colyer, P. D., Kemerait, R. C., Lawrence, K. S., Padgett, G.B., Phipps, P. M., Schuster, G. L., Sciumbato, G. L., Thacker, R., Verhalen, L. M., Woodward, J. E. 2008. Report of the cottonseed treatment committee for 2007. 2008 Beltwide Cotton Conferences, Jan.8-11, 2008, Nashville.

**Sayler, R.J.** and KORTH, K. 2008. Enhancing profiles of beneficial phytosterols in rice through targeted genetic approach. Annual ABI conference in Little Rock, AR, October 2008.

**Spradley, J. P.** 2008. Recertification Training for AHTD employees, 2/29/08, Ft. Smith, AR.

**Spradley, J. P.** 2008. American Association of Pesticide Safety Educators Update, Tri-Agency Meeting, 9/23/08, New Brunswick, NJ. Regional.

**Spradley, J. P.** 2008. American Association of Pesticide Safety Educators Update, North Central PSEP Meeting, 8/19/08, Champaign, IL. Regional.

**Spradley, J. P.** 2008. American Association of Pesticide Safety Educators Update, Southern Region PSEP Meeting, 6/12/08, Richmond, VA. Regional.

**Spradley, J. P.** 2008. American Association of Pesticide Safety Educators Update, Western Region Pesticide Meeting, 5/14/08, Scottsdale, AZ. Regional.

**Spradley, J. P.** 2008. American Association of Pesticide Safety Educators Update, Association of American Pest Control Officials, 3/4/08, Washington, DC. International.

**Spradley, J. P.** 2008. Healthy Steps in Using Pesticides, Landscape Maintenance Seminar, 2/6/08, Ft. Smith, AR.

**Spradley, J. P.** 2008. Initial Certification Training for AHTD employees, 4/10/08, LRSO.

**Spradley, J. P.** 2008. Initial Certification Training for Commercial/Non-Commercial Applicators, 4/1/08, LRSO.

**Spradley, J. P.** 2008. Initial Certification Training for Commercial/Non-Commercial Applicators, 3/25/08, Monticello, AR.

**Spradley, J. P.** 2008. Initial Certification Training for Commercial/Non-Commercial Applicators, 3/17/08, Fayetteville, AR.

**Spradley, J. P.** 2008. Initial Certification Training for Commercial/Non-Commercial Applicators, 3/13/08, Jonesboro, AR.

**Spradley, J. P.** 2008. Pesticide Labeling and Safety, AR Pest Management Assoc., 9/9/08, North Little Rock, AR.

**Spradley, J. P.** 2008. Pesticide Labeling and Safety, Jefferson Co. Master Gardeners, 3/27/08, Pine Bluff, AR.

**Spradley, J. P.** 2008. Pesticide Labeling Issues, The Pesticide Stewardship Alliance Annual Meeting, 2/26/08, Asheville, NC. Regional.

**Spradley, J. P.** 2008. Pesticide Safety, CES Seasonal Technician Training, 5/28/08, Lonoke, AR.

**Spradley, J. P.** 2008. Pesticide Safety, Cotton Scout School, 5/29/08, Jonesboro, AR.

**Spradley, J. P.** 2008. Pesticide Safety, Cotton Scout School, 5/30/08, Rohwer, AR.

**Spradley, J. P.** 2008. Recertification Training for Aerial Applicators, Arkansas Agricultural Aviation Association Annual Meeting, 1/14/08, North Little Rock, AR.

**Spradley, J. P.** 2008. Recertification Training for AHTD employees, 4/9/08, LRSO.

**Spradley, J. P.** 2008. Recertification Training for Commercial/Non-Commercial Applicators, 2/21/08, LRSO.

**Spradley, J. P.** 2008. Recertification Training for Commercial/Non-Commercial Applicators, 1/8/08, LRSO.

**Spradley, J. P.** 2008. Recertification Training for the Arkansas Green Industry Annual Meeting, 1/24/08, Hot Springs, AR.

**Spradley, J. P.** 2008. Recertification Training for the Arkansas Turfgrass Association Annual Meeting, 1/23/08, Hot Springs, AR.

Toksoz, H., **Rothrock, C. S.**, and Kirkpatrick, T. L. 2008. Efficacy of sterol-inhibiting fungicides and SAR chemicals for control of black root rot of cotton in the absence and presence of nematodes. 2008 Beltwide Cotton Conferences, Jan.8-11, 2008, Nashville.

**Tzanetakis, I. E.** and R.R. Martin, 2008. Characterization of a new potyvirus from verbena. Greek Meeting of Plant Pathology, Nafplio, Greece, Oct 5-10.

**Tzanetakis, I. E.**, R.R. Martin and T.W. Dreher, 2008. Characterization of an infectious clone of Dulcamara mottle virus and chimeric clones with Turnip yellow mosaic virus. Greek Meeting of Plant Pathology, Nafplio, Greece, Oct 5-10 Oct.

**Tzanetakis, I. E.**, R.R. Martin and T.W. Dreher, 2008. Studies on Dulcamara mottle virus infectious clone and chimeric genomes with Turnip yellow mosaic virus. 100th APS annual meeting, Minneapolis, Minnesota, July 26-30.

**Tzanetakis, I. E.**, S. Cleveland, J. Kraus, M. Putnum and R. R. Martin, 2008. Characterization of Verbena virus Y, a new component in the complex causing necrosis in verbena 'Taylor Town'. 100th APS annual meeting, Minneapolis, Minnesota, July 26-30.

**Tzanetakis, I.E.**, and Martin, R.R. 2008. Strawberry chlorotic fleck disease may be caused by a novel *Closterovirus*. *Acta Horticulturae* 780:21-26.

**Tzanetakis, I.E.**, and Martin, R.R. 2008 How similar are plant and insect viruses? Strawberry Latent Virus: A Study Case. *Acta Horticulturae* 780:17-20.

**Tzanetakis, I.E.**, Bray, M., Susaimuthu, J., Gergerich, R.C., and Martin, R.R., 2008. Evidence of mixed infections by two or more viruses causing severe symptoms and decline of blackberries. *Acta Horticulturae* 777:385-390.

**Tzanetakis, I.E.**, Halgren, A.B., and Martin, R.R. 2008. Complete nucleotide sequence and epidemiology of Raspberry mottle associated virus. *Acta Horticulturae* 780:35-40.

Urrea, K. E., **J. C. Rupe**, C. Rothrock. 2008. Evaluation of seed treatments for control of soybean seedling diseases under controlled environmental conditions University of Arkansas. *Phytopathology* 98:S161.

Urrea, K. E., Rupe, J. C., and **Rothrock, C. S.** 2008. Evaluation of seed treatments for control of soybean seedling diseases under controlled environmental conditions. Annual meeting of the American Phytopathological Society, July 27-July 30, Minneapolis, MN.

**Vann, S. R.** 2008. “Common Ornamental Diseases” Russellville, AR. (Pope and Yell Co.) 02-22-08.

**Vann, S. R.** 2008. “Common Landscape Diseases”. Jonesboro, AR (Craighead, Lawrence, Greene Co.) 02-16-08.

**Vann, S.R.** 2008. “Common Ornamental Diseases” Hot Springs, AR. Arkansas Green Industry Assn. State.

**Vann, S.R.** 2008. “Common Rose Diseases” Conway, AR. Central Arkansas Rose Society. 03-08-08. State.

**Vann, S.R.** 2008. “Invasive Disease Pests” Little Rock, AR. Arkansas State Plant Board. State.

**Vann, S.R.** 2008. “Pest Update- Insects and Diseases of Concern” Arkansas Urban Forestry Council/Arkansas Parks and Recreation. Annual Conference. Eureka Springs, AR. 02-21-08. State.

**Vann, S.R.** 2008. Turf Diseases and Their Control”. Landscape Maintenance Seminal (AR, OK, TX). UA Ft. Smith. 02-06-08. Regional.

**Vann, S.R.** 2008. “Common Diseases of Pecan”. Hazen, AR. Pecan Workshop (Prairie and White Co.) 02-26-08.

**Vann, S.R.** 2008. “Common Diseases of Tomato”. Tomato Workshop. Winrock Inst. Petit Jean State Park, Morrilton, AR. 06-29-08.

**Vann, S.R.** 2008. “Common Ornamental Diseases” Hazen, AR. Ornamental Workshop. (Prairie and White Co.) 02-19-08.

**Vann, S.R.** 2008. "Common Plant Diseases". Arkadelphia, AR (Hot Spring/Clarke/Nevada Co.) 11-03-08.

**Vann, S.R.** 2008. "Common Turf Diseases". Paragould, AR. Turf Workshop. (Greene Co.) 12-04-08.

**Vann, S.R.** 2008. "Control of Plant Diseases". Little Rock, AR (Lonoke, Pulaski Co.) 10-17-08.

**Vann, S.R.** 2008. "Controlling Landscape Diseases" Landscape Essentials Seminar. Conway, AR. (Faulkner Co.) 01-07-08.

**Vann, S.R.** 2008. "Controlling Plant Diseases". Ozark, AR. (Logan, Johnson, and Franklin Co.) 01-17-09.

**Vann, S.R.** 2008. "Insect and Disease Pests of Trees" Maumelle, AR. Tree Board Presentation (Pulaski Co) 04-01-08.

**Vann, S.R.** 2008. "Ornamental Diseases and Control". Pine Bluff, AR. (Jefferson Co.) 04-03-08.

**Vann, S.R.** 2008. "Ornamental Diseases and Their Control". Four States Lawn and Garden Conference. Texarkana, TX. Regional.

**Vann, S.R.** 2008. "Ornamental Diseases and their Control". Texarkana, TX. Four States Lawn and Garden Conference. 03-27-08.

**Vann, S.R.** 2008. "Ornamental Diseases". Mountain View, AR. (Stone, VanBuren, and Cleburne Co.) 12-04-08.

**Vann, S.R.** 2008. "Plant Diseases 101". Bentonville, AR (Benton Co.) 01-23-08.

**Vann, S.R.** 2008. "Plant Diseases 101". Conway, AR. (Faulkner and Perry Co.) 10-21-08.

**Vann, S.R.** 2008. "Plant Diseases 101". Fayetteville, AR (Washington Co.) 01-23-08.

**Vann, S.R.** 2008. "Plant Diseases". Hamburg, AR (Ashley Co.) 02-14-08.

**Vann, S.R.** 2008. "Rose Diseases" Conway, AR. Rose Society. (Faulkner Co.) 03-08-08.

**Vann, S.R.** 2008. "Trees" Maumelle, AR. Cub Scout Den 295. (Pulaski Co.) 05-12-08.

**Vann, S.R.** 2008. "Turf and Ornamental Diseases and Control" Benton, AR (Saline Co.). Adv. Master Gardener Training. 06-27-08.

**Vann, S.R.** 2008. "Turf and Ornamental Diseases". Ft. Smith, AR. Landscape Seminar. (Sebastain Co.) 02-06-08.

**Vann, S.R.** 2008. "Turf and Ornamental Plant Diseases" Camden, AR. (Ouachita, Calhoun, Dallas, Union, and Columbia Co.) 01-22-08.

Villarroel-Zeballos, M. I., du Toit, L. J., and **Correll, J. C.** 2008. Screening for disease resistance to *Verticillium dahliae* in spinach. *Phytopathology* 98:S163.

Yingling, J.A., Parsons, C.E., and **Cartwright, R.D.** 2008. Effect of novel fungicides on sheath blight, yield and milling quality of CL 161 rice. Fungicide Test Report.

Yingling, J.A., Parsons, C.E., and **Cartwright, R.D.** 2008. Reaction of rice germplasm to stem rot and other diseases under Arkansas field conditions. Rice Germplasm Screening Test Report.

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

#### **AGRICULTURAL AND EXTENSION EDUCATION**

**Edgar, D.W.** (2008). Looking back...I should have let go more. *The Agricultural Education Magazine*, Nov/Dec 2008.

**Edgar, D.W.**, Faulkner, P.E., Franklin E.A., Knobloch, N.A. & Morgan, A.C. (2008). Creative thinking: Opening up a world of thought. *Techniques*, April 2008.

**Johnson, D.M.** (2008). Real-time data collection and display in the college classroom. *Invited poster at the 2008 Bumpers College Jack Justus Teaching Improvement Symposium*, August 2008.

**Johnson, D.M.** (2008). Are students more satisfied with academic advising when there is congruence between preferred and actual advising styles? *Invited poster at the 2008 Bumpers College Jack Justus Teaching Improvement Symposium*, August 2008.

**Johnson, D.M.** (2008). Integrating precision agriculture activities into a freshmen-level course. *Invited poster at the 2008 Bumpers College Jack Justus Teaching Improvement Symposium*, August 2008.

**Miller, J.D.** (2008). Free and easy marketing research for jacks-of-all-trades. Workshop presented at the International Conference of the Association for Communications Excellence in Agricultural, Food and Human and Life Sciences, Traverse City, MI, June 10-13.

**Scott, F.L.** (2008). Guest lecturer on improving parliamentary procedure at Hermiate and Gentry High School agriculture classes.

#### **AGRICULTURE STATISTICS LABORATORY**

Bautista, R.C., T.J. Siebenmorgen, J-F. Meullenet, P. Counce, J. Gibbons, K. Moldenhauer, R. Morawicki, and **A. Mauromoustakos** (2008). Rice property characterization database. 32<sup>nd</sup> Rice Technical Working Group Meetings.

Chaubey, I, M. Gitau, J.H. Popp, **E. Gbur**, J. Pennington, M.A. Nelson, L. Chiang and G. Rodriguez (2008). BMP effectiveness assessment for a pasture dominated watershed: Results from two years of CEAP assessment. USDA-CSREES National Water Conference.

Duguma, T. J. Kring, R. N. Wiedenmann and **A. Mauromoustakos** (2008). Efficacy of a knapweed gall fly and future prospects of spotted knapweed control in the Southern US. Southeastern Branch of Entomological Society of America meeting.

**Mauromoustakos, A.**, T. J. Siebenmorgen, V. Gayanilo, and R. Bautista (2008). Optimization of Nonlinear Parameters Used to Model Rice Drying. Joint Statistical Meetings.

Popp, J., G. Rodriguez, **E. Gbur** and J. Pennington (2008). Factors that influence stakeholder groups perceptions of water quality: Lessons for policy makers. Southern Agricultural Economics Association annual meeting.

Robbins, R.T., E. Shipe, P. Arelli, P. Chen, S.R. Koenning, L. Rakes, L.E. Jackson, **E.E. Gbur** and D.G. Dombek (2008). Reniform nematode reproduction on soybean cultivars and breeding lines. Beltwide Cotton Conferences.

Shivrain, V.K., N.R. Burgos, M.A. Sales, K.L. Smith, D.R. Gealy, Y.I. Kuk, and **A. Mauromoustakos**. (2008). Transfer of herbicide-resistant gene to weedy rice populations and its implications. International Weed Science Society meeting.

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## ANIMAL SCIENCE

**Ahrens, C. A.**, J. W. S. Yancey, and J. K. Apple. 2008. Fabrication method of the infraspinal muscle affects WBSF. J. Anim. Sci. 86(Suppl. 1):34.

**Apple, J. K.** 2008. Changes in live performance and carcass composition associated with feeding diets formulated with fats and/or oils. J. Anim. Sci. 86(Suppl. 2):23.

**Apple, J. K.**, J. T. Sawyer, C. V. Maxwell, J. C. Woodworth, J. W. S. Yancey, and R. E. Musser. 2008. Effect of L-carnitine supplementation on the performance and pork quality traits of growing-finishing swine fed three levels of corn oil. J. Anim. Sci. 86(E-Suppl. 2):37.

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**Bailey, C. R.,** M. L. Looper, K. P. Coffey, and C. F. Rosenkrans, Jr. 2008. Evaluation of endophyte-infected and novel endophyte-infected tall fescue on growth and grazing behavior of beef heifers. *J. Anim. Sci.* 86(E-Suppl. 3):14

**Bailey, C. R.,** M. L. Looper, A. H. Brown, Jr., and C. F. Rosenkrans, Jr. 2008. Effects of forage type and anabolic implantation of steers on growth and subsequent carcass characteristics. *J. Anim. Sci.* 86(E-Suppl. 3): 25 (Abstr.).

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**Brown, A. H.,** Z. B. Johnson, F. W. Pohlman and B. R. Kutz. 2008. Breed group means and estimates of heritability for weaning ratio in Angus, Charolais, Hereford, and Red Poll cattle. *J. Anim. Sci.* 86(E-Suppl. 3):1-2.

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Clark, S, **Reynolds, J,** Tucker, C and Yazwinski, T. 2008. Effects of nitarosone (Histostat) on roundworms in turkeys. 57<sup>th</sup> Western Poultry Disease Conference. Puerto Vallarta, MX. Abst pp 186-187.

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**Evans, P.A.,** Jack, N.E., Jogan, K.J. and L. Gagnon. Life Skills Developed During A University Equine Training Course. *Proc. NACTA Sym* 2008: 54:39. North American Colleges and Teachers of Agriculture Conference, 2008

**Flores, R.,** M. L. Looper, R. W. Rorie, C. R. Bailey, D. M. Hallford, S. T. Reiter, and C. F. Rosenkrans. 2008. Effects of bovine somatotropin and suckling on ovarian follicles, reproductive performance and concentrations of ghrelin, GH, and IGF-I in postpartum Brahman-influenced cows. *J. Anim. Sci.* 86(E-Suppl. 3): 19 (Abstr.).

**Frank, J. W.,** C. V. Maxwell, Z. B. Johnson, S. A. Hansen, and R. E. Musser. 2008. Feeding an encapsulated nutritional blend in combination with ractopamine improves feed conversion and loin depth in finishing pigs. *J. Anim. Sci.* 86(E-Suppl. 2):54-55.

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**Killion, A.,** D. Philipp, K. Coffey, L. Hardin, and J. Caldwell. 2008b. Effects of lactic acid/lactobacillus product and bale moisture on forage quality of stored bermudagrass hay square bales. ASA Annual Meetings, Houston, TX.

**Kutz, B. R.,** M. L. Buchanan, M. L. Looper, A. H. Brown, Jr., Z. B. Johnson, C. F. Rosenkrans, S. T. Reiter, and S. Nabhan. 2008. Relationship of temperament to production traits in a commercial cowherd. *J. Anim. Sci.* 86(E-Suppl. 3): 28 (Abstr.).

**Lee, M. S.,** J. K. Apple, J. T. Sawyer, J. W. S. Yancey, and M. D. Wharton. 2008. Influence of beef ribeye roll aging period prior to bloom and steak vacuum-storage on subsequent bloom development. 61<sup>st</sup> Recipr. Meats Conf. Abstract No. 43.

**Looper, M. L.,** S. T. Reiter, S. Nabhan, R. Flores, C. R. Bailey, A. H. Brown, Jr., and C. F. Rosenkrans, Jr. 2008. Influence of body condition and forage type on estrus, intramuscular and rib fat, and reproductive performance of postpartum Brahman-influenced cows. *J. Anim. Sci.* 86(E-Suppl. 3): 20 (Abstr.).

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**Milliken, R. S.,** M. S. Gadberry, E. B. Kegley, J. A. Jennings, and J. T. Richeson. 2008. Minimum sampling requirement for prediction of hay forage quality from monoculture or mixed grass fields. *J. Anim. Sci.* 86(E-Suppl. 2):64.

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Murphy, C. M. and **C. F. Rosenkrans, Jr.** 2008. Four degrees of professional development: A continuum for faculty learning. 75 minute invited talk. Professional and Organization Development network meeting, Reno NV October 22-25, 2008; <http://podnetwork.org/conferences/2008/2008Program.pdf> : page 78.

**Nabhan, I.,** M. Lamb, S. Reiter, R. Okimoto, M. Brown, A. H. Brown, Jr., and C. F. Rosenkrans, Jr. 2008. Relationships among bovine heat shock protein 70 genotype, forage type, and plasma concentrations of HSP-70. *J. Anim. Sci.* 86(E-Suppl. 3): 3 (Abstr.).

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**Pass, M.,** J. C. Moore, E. B. Kegley, and C. K. Larson. 2008. Supplemental trace minerals (Zn, Cu, Mn, and Co) as Availa®4 or inorganic sources for shipping-stressed cattle. *J. Anim. Sci.* 86(E-Suppl. 3):109.

**Pohlman, F. W.,** and P. N. Dias-Morse. 2008. Effect of surface decontamination using antimicrobial treatments on sensory and instrumental color properties of beef steaks. IFT Annual Meeting: Book of Abstracts 2008, Abstract no. 052-13, p. 66, New Orleans, LA.

**Pohlman, F. W.,** and P. N. Dias-Morse. 2008. Effect of potassium lactate, cetylpyridinium chloride, trisodium phosphate and sodium metasilicate as a single antimicrobial intervention on *Escherichia coli* and *Salmonella* populations in inoculated beef steaks. IFT Annual Meeting: Book of Abstracts 2008, Abstract no. 134-27, p. 177, New Orleans, LA.

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**Powell, J. G.,** A. H. Brown, Z. B. Johnson, R. A. Rorie, C. A. Tucker, J. L. Reynolds, J. A. Hornsby. 2008. Factors associated with pregnancy rate in first exposed crossbred heifers. *J. Anim. Sci.* 86(E-Suppl. 3):27.

**Powell, Jeremy G.,** Tom A. Yazwinski, Chris A. Tucker, Jana L. Reynolds, zbj B. Johnson, A. Hayden Brown, Jr., J. A. Hornsby, and Bill C. Clymer. 2008. Evaluation of long-acting moxidectin and ivermectin in the development of replacement beef heifers. *Proceedings of the AAVP 53<sup>rd</sup> Annual Meeting, New Orleans, LA., p. 66.*

**Powell, J,** Yazwinski, T, Tucker, C, Reynolds, J, Johnson, Z, Brown, A, Hornsby, J and Clymer, B. Evaluation of LA moxidectin and ivermectin in the development of replacement beef heifers. 53<sup>rd</sup> Mtg of the AAVP, July 2008. New Orleans, LA. With abstract.

**Reynolds, J,** Yazwinski, T, Tucker, C and Pyle, D. 2008. Current observations on the treatments of *Ascaridia dissimilis* infection in commercial turkeys. Amer Assoc. Poultry Practitioners of the AVMA. New Orleans, LA. With abstract.

**Richeson, J. T.,** E. B. Kegley, M. S. Gadberry, P. A. Beck, J. G. Powell, and C. Jones. 2008. Effects of on-arrival versus delayed clostridial or modified-live respiratory vaccinations on health, performance, bovine viral diarrhea type I titers, and physiological and immunological measures in high-risk, newly received beef calves. Proc. Plains Nutr. Council Spring Conf. p. 128.

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Shockey, J. D., S. A. Gunter, **P. A. Beck**, and J. K. Apple. 2008. Evaluation of feeding systems for finishing beef cattle. *J. Anim. Sci.* 86(Suppl. 1):12.

**Silver, T,** Tucker, C, Powell, J, Reynolds, J, Johnson, Z, Lindsey, B, Hornsby, P and Yazwinski, T. 2008. Investigation into the current efficacies of several nematocides for use in cattle according to the FECRT. Gamma Sigma Delta Presentations. University of Arkansas. Fayetteville, AR. With abstract.

Sweeney, M. B., P. Tomlinson, M. C. Savin, and **K. Coffey**. 2008. Response of soil microbial biomass and enzyme activities to an experimental cow-calf management system incorporating rotation onto novel endophyte-infected tall fescue. In annual meetings abstracts (CD rom). ASA, CSSA, and SSSA. Madison, WI

**Wharton, M. D.,** J. K. Apple, J. W. S. Yancey, J. T. Sawyer, and M. S. Lee. 2008. Internal color and tenderness of the *longissimus thoracis* are affected by cooking methods and degree of doneness. 61<sup>st</sup> Recipr. Meats Conf. Abstract No. 42.

**Yancey, J. W. S.,** J. K. Apple, J. T. Sawyer, M. S. Lee, and M. D. Wharton. 2008. Relationship of belly-flop measurements with smokehouse yield and fatty acid composition. J. Anim. Sci. 86(E-Suppl. 2):38.

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**Yazwinski, T,** Tucker, C, Hornsby, J, Powell, J, Reynolds, J, Johnson, Z, Lindsey, W and Silver, T. Current efficacies of several cattle nematocides as determined via fecal egg count reductions. 53<sup>rd</sup> Mtg of the AAVP. July 2008. New Orleans, LA. With abstract.

**Yazwinski, T.A.** and Tucker, C. Parasites in the world of our animals and us! Science Day in Farmington for area high school students. Five presentations in 4 hours. Sept. 2008. Farmington, AR.

**Yazwinski, T,** Tucker, C. and Reynolds, J. Livestock parasites. A wet lab for 4-H members (and their parents) at the research lab on campus. Part of “Ag Careers” (Johnny Gaunsalis officiating). March 2008. Fayetteville, AR

**Yazwinski, T.** and Tucker, C. The fastest worms in the west!!! Science Day in Farmington for area high school students. Four presentations between 10 and 11:25 AM. Approximately 20 high schoolers per session. March, 2008.

## **BIOLOGICAL AND AGRICULTURAL ENGINEERING**

**Bandekar, P.,** S. G. Bajwa, F. Zhao, Y. Liang, and T. Costello. 2009. Optimization of a wet scrubber system to reduce ammonia emissions from poultry houses. 2009 ASABE Annual Meeting. St. Joseph, MI: ASABE. (accepted)

Misra, D., T. Oommen, P. H. Gowda, **S. G. Bajwa,** and T. A. Howell. 2008. Estimation of leaf area index from Landsat imagery for Texas High Plains using support vector machines. In. American Geophysical Union Fall Meeting. Dec.15-19. San Francisco, California.

**Bajwa, S. G.**, P. H. Gowda, T. A. Howell, and M. Leh. 2008. Comparing artificial neural network with least square regression techniques for LAI retrieval from remote sensing data. Paper id: 3893. In. Proc. PECORA 17- The Future of Land Imaging. Nov.17-20. Denver, CO.

Walker, T. W., J. M. Satterfield, **S. G. Bajwa**, R. J. Norman, D. L. Harrell, J. A. Bond, and J. J. Varco. 2008. An evaluation of commercially available imagery of rice crop canopy affected by nitrogen nutrition. In. Proc. 32<sup>nd</sup> Rice Technical Working Group (RTWG) Meeting. 18-21 Feb. 2008. San Diego, CA.

Satterfield, J. M. , T. W. Walker, **S. G. Bajwa**, R. J. Norman, D. L. Harrell, J. A. Bond, and J. J. Varco. 2008. Assessing midseason nitrogen status of rice using spectrophotometry. In. Proc. 32<sup>nd</sup> Rice Technical Working Group (RTWG) Meeting. 18-21 Feb. 2008. San Diego, CA.

**Bandekar, P.**, and S. G. Bajwa. 2008. Design and evaluation of a system to reduce ammonia emission from poultry houses. Paper No. 083945. ASABE annual international meeting and conference, June 29-July 2, 2008. Rhode Island, USA.

**Leh, M. D.**, S. G. Bajwa, I. Chaubey, and J. Cothren. 2008. A remote sensing methodology for delineating stream channel morphology. Paper No. 083734. ASABE Annual International Meeting and Conference, June 29-July 2, 2008. Rhode Island, USA.

**Bajwa, S. G.**, and V. Vibhava. 2008. A spatially distributed model for hydrologic modeling. International Conference on Agricultural Engineering & Industry Exhibition. 23-25 June, 2008. Hersonissos, Crete, Greece.

Vories, E., **P. Tacker**, D. Stephenson, S. G. Bajwa, and C. Perry. 2008. Performance of a variable rate center pivot system. World Environmental and Water Resources Congress 2008, Ahupua'a: Sustainability from the Mountains to the Sea. 12-13 May 2008, Honolulu, Hawaii.

**Carrier, Danielle Julie** S1041, "The Science and Engineering for a Biobased Industry and Economy" project write up. The project was peer-reviewed by The Southern Multistate Research Committee; and the project was authorized from October 1, 2008 to September 30, 2013.

**Carrier DJ** and E. Clausen. "Extraction of co-products in the biorefinery." Farm Foundation, Berkeley, CA June 2008 (Invited presentation)

**Carrier DJ** and E. Clausen. "Overview of Cellulosic Ethanol." Mississippi Bioenergy Conference, Mississippi State, MS August 2008 (Invited presentation)

**Engelberth A**, DJ Carrier and E. Clausen. 2008." Extraction of ginsenoside saponins from *Panax notoginseng* and purification using centrifugal partition chromatography". 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

Duan L, **S. Wallace**, D.J. Carrier and E. Clausen. 2008." Extraction of co-products from biomass using pressurized hot-water." 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

**Uppugundla N**, A. Engelberth, S. Vandhana Ravindranath, J. Lay, J. Gidden, E. Clausen and DJ Carrier. 2008. "Extraction of co-products from biomass using pressurized hot-water." 30th Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

Loveladay J, **DJ Carrier**, J Gaddy and E Clausen. 2008." Biological Hydrogen Production by *Bacillus smithii*: A Kinetic Study Extraction of co-products from biomass using pressurized hot-water." 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

**Costello, T. A.** 2008. Feasibility of on-farm litter combustion for space-heating. Presented to the Virginia Poultry Health Seminar, Roanoke, VA, April 7-9, 2008 (invited).

**Costello, T. A.** 2008. Potential for waste feedstocks and algal biomass for bioenergy production. Presented to the UA Bio-energy Summit, Fayetteville, AR, June 4, 2008.

**Costello, T. A.** 2008. Open systems for algae production as a bio-energy feedstock. Presented to the Arkansas Section of ASABE, Little Rock, AR, October 3, 2008 (invited).

**Costello, T. A.** 2008. Algal turf scrubbers for wastewater treatment and bio-energy production. Presented to the EPA Wastewater (POTW) Seminar, Cincinnati, OH, Nov. 18-19, 2008 (invited).

**Costello, T. A.** 2008. Tests of furnaces fueled by poultry litter. Presented to the National Poultry Waste Management Symposium, Des Moines, IA, October 21, 2008 (invited).

**Haggard, B.**, and S. Williamson. 2008. Watershed Investigative Support to the Beaver Water District: Temporal Variability in Phosphorus Sorption of Water Treatment Residuals, Beaver Water District, Lowell, Arkansas.

Daniel, T.C., P.B. Delaune, A.N. Sharpley, M.S. Reiter, J.B. Staed, and **B.E. Haggard**. 2008. Edge of field water quality monitoring from various management practices in the Ozark Highlands. Final Report, Arkansas Natural Resources Commission, USEPA 319 Program.

**Bartsch, L.D.**, B.E. Haggard, and J.M. Galloway. Antibiotic Fate and Transport in Three Effluent Dominated Ozark Streams 2008. USDA CSREES National Water Conference, Reno, Nevada.

**Bartsch, L.D.**, B.E. Haggard, and others. 2008. Antibiotic Fate and Transport in Three Effluent Dominated Ozark Streams. Annual Conference Arkansas Water Resources Center, Fayetteville, Arkansas.

**Bartsch, L.D.**, B.E. Haggard, and others. 2008. Antibiotic Fate and Transport in Three Effluent Dominated Ozark Streams. American Ecological Engineering Society Annual Meeting, Blacksburg, Virginia.

**Bartsch, L.D.**, B.E. Haggard, and others. 2008. Pharmaceuticals and organic wastewater compounds in water and bed material downstream of three municipal effluent discharges. Annual Meeting American Water Resources Association, New Orleans, Louisiana.



**David, M.,** and B.E. Haggard. 2008. Fecal bacteria numbers in the Illinois River Basin, Arkansas and Oklahoma. USDA CSREES National Water Conference, Reno, Nevada.

**Haggard, B.E.** 2008. Water quality monitoring in Northwest Arkansas. H<sub>2</sub>O Overdrawn: A Forum on Water Policy, Law, Science and Technology, UA Cooperative Extension Service, C.A. Vines 4H Center, Ferndale, Arkansas.

**Haggard, B.E.,** and L.D. Bartsch. 2008. Effect of the Westside WWTP effluent discharge on Goose Creek and the Illinois River, ECO-MUNCH, Biology Department, University of Arkansas, Fayetteville, Arkansas.

**Haggard, B.E.** and M. David. 2008. Development of regression-based models to predict fecal indicator bacteria at the Illinois river Basin, Arkansas and Oklahoma. Annual Meeting American Water Resources Association, New Orleans, Louisiana.

**Haggard, B.E.,** and M.D. Matlock. 2008. Seasonal variations in algal limiting nutrients at Lake Eucha, Oklahoma. USDA CSREES National Water Conference, Reno, Nevada.

He, Z., C.W. Honeycutt, G.S. Toor, **B.E. Haggard,** H. Zhang, and Z. Dou. 2008. Phosphorus forms in biosolids characterized by sequential fractionation coupled with phosphatase hydrolysis. American Society of Agronomy, Soil Science Society of America, and Crop Science Society of America Annual Meeting, Houston, Texas.

He, Z., C.W. Honeycutt, G.S. Toor, **B.E. Haggard,** H. Zhang, and Z. Dou. 2008. Assessing liability of phosphorus forms in biosolids by sequential fractionation and phosphatase hydrolysis. Plant and Soils, McGill University, Montreal, Canada.

**Longing, S.** and B.E. Haggard. 2008. Stream restoration in small agricultural and urban streams of northwest Arkansas. American Ecological Engineering Society Annual Meeting, Blacksburg, Virginia.

**Longing, S.** and B.E. Haggard. 2008. Red River Nutrient Criteria Development Phase I Update. USEAP Region VI Regional Technical Assistance Group (RTAG), Dallas, Texas.

**Longing, S.** and B.E. Haggard. 2008. Finding a needle in a channelized haystack: updated distribution of an endemic water beetle in the Ozark Highlands and Boston Mountain Ecoregions. Annual Conference Arkansas Water Resources Center, Fayetteville, Arkansas.

**Longing, S.** and B.E. Haggard. 2008. An interstate focus on nutrient criteria development for the Red River watershed: database development, data properties and preliminary analysis. Annual Meeting American Water Resources Association, New Orleans, Louisiana.

**Stoner, R.J.** and B.E. Haggard. 2008. Long-term variation in sediment phosphorus below a rural effluent discharge. Annual Conference Arkansas Water Resources Center, Fayetteville, Arkansas.

**Deonikar P**, and M. Kavdia. Nitric Oxide – Red Blood Cells Interactions under Oxidative Stress. Experimental Biology (FASEB), San Diego, April, 2008.

**Deonikar P**, and M. Kavdia. An Integrated Mathematical and Experimental Model for Nitric Oxide uptake by Red Blood Cells. Experimental Biology (FASEB), San Diego, April, 2008.

**Kavdia M**. A computational model for biochemical Interaction of NO and reactive oxygen species in paired arteriole-venule. Gordon Research Conference, New London, NH, May 2008.

**Deonikar P** and M. Kavdia. An integrated computational & experimental analysis of red blood cells and free hemoglobin uptake of nitric oxide. Biomedical Engineering Society (BMES). Annual Fall Meeting, October, 2008.

**Lakshmanan N** and M. Kavdia. NO, free radicals and oxygen interactions in the vascular tissue. Biomedical Engineering Society (BMES). Annual Fall Meeting, October, 2008.

**Kolipaka V** and M. Kavdia Study of Interactions of Nitric oxide and Superoxide in Endothelial Cells Using Fluorescence Dyes. Biomedical Engineering Society (BMES). Annual Fall Meeting, October, 2008.

Ruiz AC, HH Abu-Safe, S Davis, **M Kavdia**, S. Kumar, MH Gordon. Effects of sterilization and heat treatment on alumina coated surgical instruments. Submitted to International Conference on Metallurgical Coatings and Thin Films, 2008.

**Kavdia M** and N Lakshmanan. Computational Model Oxidative Stress and Nitric Oxide Interaction in the Microcirculation- Analysis of Leukocyte Adhesion and Migration. DAE - BRNS 4th Life Sciences Symposium, Mumbai India Dec 2008. “Computational Model of Oxidative and Nitrosative Stress in Vascular Tissue”, Chemical Engineering Seminar, Oklahoma State University, Stillwater, Feb 12, 2008. (Invited)

**Deonikar P** and M Kavdia. Nitric Oxide – Red Blood Cells Interactions under Oxidative Stress. Experimental Biology (FASEB), San Diego, April, 2008.

**Deonikar P** and Kavdia M. An Integrated Mathematical and Experimental Model for Nitric Oxide uptake by Red Blood Cells. Experimental Biology (FASEB), San Diego, April, 2008.

**Kavdia M**. A computational model for biochemical Interaction of NO and reactive oxygen species in paired arteriole-venule. Gordon Research Conference, New London, NH, May 2008.

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**Kavdia M** and N. Lakshmanan Computational, Model Oxidative Stress and Nitric Oxide Interaction in the Microcirculation- Analysis of Leukocyte Adhesion and Migration. DAE - BRNS 4th Life Sciences Symposium, Mumbai India Dec 2008.

**Kim, J.-W.**, J.-H. Kim PhD and S. Tung. 2008. "Nanoscale Flagellar-Motor Based Biosensor for Explosive Detection," in Proceedings of IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Sanya, China. (Selected for the "Best Conference Paper" Competition).

Pooran, R. **J.-W. Kim**, and S. Tung. 2008. "Rotational Control of Tethered Bacterial Flagellar Motor," in Proceedings of 8th IEEE Conference on Nanotechnology (IEEE-Nano 2008), Dallas, TX.

Wang, H PhD, **J.-H. Kim** PhD, M. Zou, S. Tung, and J.-W. Kim. 2008. "The Effect of Surface Nano/Micro-Texturing on Escherichia coli cell Adhesion," in Proceedings of ASME 2nd Integration and Commercialization of Micro and Nanosystems International Conference and Exhibition (ASME MicroNano 08). Clear Water Bay, Kowloon, Hong Kong, China.

**S. Tung**, R. Pooran, and J.-W. Kim. 2008. "Controlling the Rotational Behavior of Bacterial Flagellar Motors," in Proceedings of IEEE International Conference on Information and Automation (IEEE-ICIA), Hunan, China.

**Kim, J.-W.** H.-M. Moon, S. Tung, and H.-H. Lee. 2009. "Highly Effective Bacterial Removal System Using Carbon Nanotube Clusters," in Proceedings of IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China.

**Lee, J.S. PhD**, J.J. Song, R. Deaton, and J.-W. Kim. 2009. "Exploring the Potential of Microarray Technology for Bio/Nano Sensing," in Proceedings of IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China.

**Tung S.** and J.-W. Kim. 2009. "Nanoscale Bio/Abio Interfacing," in *Proceedings of IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS)*, Shenzhen, China

**Kim, J.-W.** J.-H. Kim PhD and S. Tung. 2008. "Nanoscale Flagellar-Motor Based Biosensor for Explosive Detection," IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Sanya, China. (Selected for the "Best Conference Paper" Competition).

Pooran, R. **J.-W. Kim**, and S. Tung. 2008. "Rotational Control of Tethered Bacterial Flagellar Motor," 8th IEEE Conference on Nanotechnology (IEEE-Nano 2008), Dallas, TX.

Wang H. PhD, **J.-H. Kim PhD**, M. Zou, S. Tung, and J.-W. Kim. 2008. "The Effect of Surface Nano/Micro-Texturing on Escherichia coli cell Adhesion," ASME 2nd Integration and Commercialization of Micro and Nanosystems International Conference and Exhibition (ASME MicroNano 08). Clear Water Bay, Kowloon, Hong Kong, China.

**Tung, S.** R. Pooran, and J.-W. Kim. 2008. "Controlling the Rotational Behavior of Bacterial Flagellar Motors," IEEE International Conference on Information and Automation (IEEE-ICIA), Hunan, China (invited)

**Kim, J.-W.** H.-M. Moon, S. Tung, and H.-H. Lee. 2009. "Highly Effective Bacterial Removal System Using Carbon Nanotube Clusters," IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China.

**Lee, J.S. PhD**, J.J. Song, R. Deaton, and J.-W. Kim. 2009. "Exploring the Potential of Microarray Technology for Bio/Nano Sensing," IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China.

**Tung, S.** and J.-W. Kim. 2009. "Nanoscale Bio/Abio Interfacing," in IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China (invited).

**Kim J.-W.**, 2009. "Bio/Nano Technology," in Workshop on Micro/Nano Manipulation and Device Fabrication, Shenyang, China (invited).

Galanza E.I., M. Kokoska, E. Shashkov, S. Allen, S. Klimberg, **J.-W. Kim**, L. Hutchins, A. Biris, and V.P. Zharov. 2009. "Multicolor nanoparticles as molecular photoacoustic super-contrast agents for in vivo advanced sentinel lymph node mapping, multispectral lymphography, and metastasis assessment," in Nanotechnology and Healthcare Conference, Winthrop Rockefeller Institute, Petit Jean Mountain, Arkansas.

**Kim, J.-W.** 2009. "Bio/Nano Technology," in Chemical Engineering Department, Myongji University, Yongin, Korea (invited).

**Kim, J.-W.** 2009. "Bio/Nano Technology," in Gwangju Institute of Science and Technology, Korea (invited).

**Kim J.-W.**, 2009. "Bio/Nano Technology," in Shenyang Institute of Automation Chinese Academy of Science, China (invited).

Jiang, X., **R. Wang**, Z. Ye, J. Wang, Y. Li, and Y. Ying. 2008. Microfluidic chips based impedance biosensor coupled with ferrofluids-antibody conjugates for detection of parathion. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084763.

Li, D., J. Wang, Z. Ye, Y. Ying, and **Y. Li**. 2008. Development of a capacitive immunosensor for detection of E. coli O157:H7. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 085186.

**Lin, J.**, H. Xiong, M. Li, C. Ruan, and Y. Li. 2008. Nanoparticles based fluorescent biosensor for rapid detection of E. coli O157:H7. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084518.

**Wang, R.**, D. Kanayeva, K. Lassiter, J. Lin and Y. Li. 2008. Sensitive detection of Listeria monocytogenes using a TiO<sub>2</sub> nanowire bundle microelectrode based immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084514.

**Wang Y.**, R. Wang, and Y. Li. 2008. Detection of Escherichia coli O157:H7 using interdigitated array microelectrode based impedance immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084608.

**Li, Y.** 2008. Biosensors for rapid detection of biological and chemical agents in food, environmental and clinical samples. Invited presentation for College of Agricultural and Life Sciences at Shanghai Jiao Tong University, Shanghai, China, September 18, 2008.

**Li, Y.**, Y. Xiong, C. Ruan, H. Huang, H. Wang. 2008. Magnetic bionanobeads and quantum dots based optical biosensor for rapid detection of Listeria monocytogenes. Paper O91 presented at the 10th World Congress for Biosensors, May 14-16, 2008, Shanghai, China.

**Cooney, L.**, Y Li, W. Dong, R. Tian, H. Wang, and M. Slavik. 2008. UV catalysis with novel TiO<sub>2</sub> nanofiber coating and its bactericidal activity against E. coli O157:H7 and Listeria monocytogenes. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Poster # P5-34.

**Huang, H.**, Y. Xiong, C. Ruan, M. Li, L. Cooney, and Y. Li. 2008. Continuous high gradient magnetic separation of E. coli O157:H7 cells using magnetic nanoparticles. A poster presented at 2008 BMES Annual Fall Meeting, St. Louis, MO, October 2-4, 2008. Poster ID #P4.92.

Jiang, X., **R. Wang**, Z. Ye, J. Wang, Y. Li, and Y. Ying. 2008. Microfluidic chips based impedance biosensor coupled with ferrofluids-antibody conjugates for detection of parathion. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084763.

Kanayeva, D., **R. Wang**, L. Cooney, W. Dong, R. Tian, and Y. Li. 2008. Sensitive detection of Listeria monocytogenes using an impedance immunosensor combined with semiconductive nanowire bundle. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Poster No. P4-24.

Li, D., J. Wang, Z. Ye, Y. Ying, and **Y. Li**. 2008. Self-assembled monolayer-based piezoelectric flow immunosensor for the quantification of Escherichia coli O157:H7. Poster P1.46 presented at the 10th World Congress for Biosensors, May 14-16, 2008, Shanghai, China.

Li, D., J. Wang, Z. Ye, Y. Ying, and **Y. Li**. 2008. Development of a capacitive immunosensor for detection of E. coli O157:H7. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 085186.

**Li, M.**, A. Pradhan, L. Cooney, and Y. Li. 2008. A predictive model for the survival of Listeria monocytogenes on fully-cooked chicken drumettes during post-package hot water pasteurization. Presented at IFT 2008 Annual Meeting, June 28-30, 2008, New Orleans, LA. IFT Paper No. 010-09.

**Li, M.**, L. Cooney, and Y. Li. 2008. Development and validation of a Weibull model to predict the inactivation of Listeria innocua in fully cooked chicken drumettes during hot water pasteurization. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Presentation No. T4-05.

**Li, M.**, and Y. Li. 2008. A microbial risk assessment model for Listeria monocytogenes on poultry products during post-package thermal processing. Presented at SRA 2008 Annual Meeting, December 7-10, 2008, Boston, MA. Presentation No. P.23. Winner of the graduate student travel award.

**Lin, J.**, H. Xiong, M. Li, C. Ruan, and Y. Li. 2008. Nanoparticles based fluorescent biosensor for rapid detection of E. coli O157:H7. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084518.

Liu, S., **J. Lin**, L. Cooney, and Y. Li. 2008. Recirculating device for QCM biosensor to improve the sensitivity in detection of E. coli O157:H7. A poster presented at 2008 BMES Annual Fall Meeting, St. Louis, MO, October 2-4, 2008. Poster ID #P4.94.

Srinivasan, B., B. Mabbott, **S. Tung** and Y. Li. 2008. Simulation of a microfluidic impedance biosensor for detection of E. coli O157:H7. IEEE-NANOMED 2008, November 6-9, Suzhou, China.

**Wang, R.** Y. Wang, K. Lassiter, and Y. Li. 2008. Interdigitated array microelectrode based impedance immunosensor for detection of avian influenza virus H5N1. Poster P1.91 presented at the 10th World Congress for Biosensors, May 14-16, 2008, Shanghai, China.

**Wang, R.**, D. Kanayeva, K. Lassiter, J. Lin and Y. Li. 2008. Sensitive detection of Listeria monocytogenes using a TiO<sub>2</sub> nanowire bundle microelectrode based immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084514.

**Wang Y., R. Wang, and Y. Li.** 2008. Detection of Escherichia coli O157:H7 using interdigitated array microelectrode based impedance immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084608.

**Wang, Y., R. Wang and Y. Li.** 2008. An optimized interdigitated array microelectrode based immunosensor for detection of avian influenza viruses. A poster presented at IBE 2008 annual meeting, March 6-9, 2008, Chapel Hill, NC. The winner for the first place of the Graduate Student Poster Competition.

Xiong, Y., **C. Ruan**, H. Huang, M. Li, and Y. Li. 2008. Nano-immunomagnetic separation for Listeria monocytogenes. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Poster No. P4-23.

**Matlock, M. E.** Cummings, K. Kruger, and S. Foster. 2008. An Ecological and Geomorphic Assessment of Urban Streams in Fayetteville, Arkansas, 2004-2007. CARS Report 08-06A.

**Matlock, M.** Invited Keynote Speaker: Arkansas Parks and Recreation Association. Jan 20, 2008, Eureka Springs, AR.

**Matlock, M.** Invited Presenter: AWRC Conference, April 22-23, 2008. Fayetteville, AR.

**Matlock, M.** Invited Keynote Speaker: Ripple Effect Conference. May 7, 2008. Springfield, MO.

**Matlock, M.** Invited Workshop Presenter: Ecological Engineering 101, at 8th Annual International Meeting of the American Ecological Engineering Society, June 10-13, 2008, Blacksburg, VA.

**Matlock, M.** Invited Keynote Speaker: 8th Annual International Meeting of the American Ecological Engineering Society, June 10-13, 2008, Blacksburg, VA.

## **CROP, SOIL AND ENVIRONMENTAL SCIENCES**

### **POSTERS:**

**Chen, P.** 2008. Update on U of A Soybean Breeding Program. Southeast Research and Extension Center Field Day. 24 July. Rohwer AR.

**Chen, P.** 2008. Progress on Soybean Breeding in Arkansas. The Cotton Branch Experiment Station. 06 Aug. Marianna, AR.

**Chen, P.** 2008. Arkansas Soybean Breeding Update. Rice Research and Extension Center Field Day. 13 Aug. Stuttgart, AR.

## **RESEARCH SERIES/BULLETINS:**

**Anders, M.M.**, B.T. Schmid, K.R. Brye, K.B. Watkins, and D. McCarty. 2008. Soil Aggregate Content and Carbon Sequestration in Rice Rotations. *In* R.J. Norman, J.-F. Meullenet, and K.A.K. Moldenhauer (eds.). B.R. Wells Rice Research Studies 2007. University of Arkansas Agricultural Experiment Station, Research Series 560, Aug. p. 134-141.

**Bibi, A.C.**, D.M. Oosterhuis, and E.D. Gonias. 2008. Effect of the Plant Growth Regulator BM86 on Seed-Set Efficiency and Yield of Cotton. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:84-89.

**Bibi, A.C.**, D.M. Oosterhuis, E.D. Gonias and J.D. Mattice. 2008. Exogenous Application of Putrescine on Cotton Ovaries Under Two Temperature Regimes. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:79-83.

**Bourland, F.M.**, A.B. Beach, J.M. Hornbeck, and A.J. Hood. 2008. Arkansas Cotton Variety Test 2007. Arkansas Agric. Exp. Stn. Research Series 556.

**Bourland, F.M.** 2008. University of Arkansas Cotton Breeding Program, 2007 Progress Report. *In*: D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2007. AR Agri. Exp. Stn. Res. Ser. 562. p. 21-23.

Boyett, V.A., **J.W. Gibbons**, and K.A.K. Moldenhauer. 2008. Increasing Deficiency of Marker-Assisted Breeding Program. *In* R.J. Norman, J.F. Meullenet and K.A.K. Moldenhauer (eds.) Rice Research Studies 2007. University of Arkansas Agricultural Experiment Station Research Series 560. p. 38-43.

**Branson, J.D.**, D.L. Frizzell, Wilson, C.E. Jr., J.A. Yingling, C.E. Parsons, R.D. Cartwright, J.W. Gibbons, and R.J. Norman. 2008. Utilization of On-Farm Testing to Evaluate Rice Cultivars. *In* R.J. Norman, J.F. Muellenet and K.A.K. Moldenhauer (eds.) Rice Research Studies 2007. University of Arkansas Agricultural Experiment Station Series 560. p. 142-150.

Bryant, K.J., J.M. Reeves, R.L. Nichols, J.K. Greene, C.H. Tingle, G.E. Studebaker, **F.M. Bourland**, C.D. Capps, Jr., and F.E. Groves. 2008. Valuing Transgenic Cotton Technologies Using a Risk/Return Framework. *In* D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2007. AR Agri. Exp. Stn. Res. Ser. 562. p. 167-170.

Caldwell, J., K. Coffey, J. Jennings, D. Hubbell, III, T. Hess, D. Kreider, M. Looper, M. Popp, **M. Savin**, D. Philip, and C.F. Rosenkrans, Jr. 2008. Performance by Spring- and Fall-Calving Cows Grazing with Full Access, Limited Access, or No Access to Endophyte-Infected Fescue. University of Arkansas Agricultural Experiment Station Research Series 563: 25-27.

**DeLong, R.E.**, S.D. Carroll, N.A. Slaton, M. Mozaffari, and C. Herron. 2008. Soil Test and Fertilizer Sales Data: Summary for the 2006 Growing Season. *In* N.A. Slaton (ed.) Wayne E. Sabbe Arkansas Soil Fertility Studies 2007. AR Ag. Exp. Sta. Res. Ser. 558. Fayetteville, AR. p.7-17.



**Enochs, A.J.**, T.L. Roberts, N.A. Slaton, R.J. Norman, C.E. Wilson, Jr., D.L. Frizzell, and J.D. Branson. 2008. Nitrogen Content of Floodwater of Drill-Seeded, Delayed-Flood Rice Following Urea Fertilization. *In* R.J. Norman, J.F. Meullenet, and K.A.K. Moldenhauer (eds.) B.R. Wells Rice Research Studies 2007. AR Ag. Exp. Sta. Res. Ser. 560. Fayetteville, AR. p.44-49.

Frizzell, D.L., J.D. Branson, **C.E. Wilson, Jr.**, R.J. Norman, K.A.K. Moldenhauer, and J.W. Gibbons. 2008. Development of Degree-Day 50 Thermal Unit Thresholds for New Rice Cultivars. *In* R.J. Norman, J.F. Meullenet and K.A.K. Moldenhauer (eds.) Rice Research Studies 2007. University of Arkansas Agricultural Experiment Station Research Series 560. p. 168-174.

**Gibbons, J.W.**, K.A.K. Moldenhauer, F.N. Lee, J.L. Bernhardt, M. Anders, N.A. Slaton, R.J. Norman, J.N. Rutger, J.M. Bulloch, E. Castanaedo, and A.M. Stivers. 2008. Development of Semi-Dwarf Long- and Medium-Grain Cultivars. *In* R.J. Norman, J.F. Meullenet, and K.A.K. Moldenhauer (eds.) B.R. Wells Rice Research Studies 2007. AR Ag. Exp. Sta. Res. Ser. 560. Fayetteville, AR. p.44-49.

**Gonias, E.D.**, A.C. Bibi, and D.M. Oosterhuis. 2008. Radiation Use Efficiency of Okra- and Normal-Leaf Cotton Isolines. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:64-67.

**Gonias, E.D.**, D.M. Oosterhuis, and A.C. Bibi. 2008. Cotton Radiation Use Efficiency Response to Plant Growth Regulators. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:72-74.

**Gonias, E.D.**, D.M. Oosterhuis, A.C. Bibi, and B.A. Roberts. 2008. Radiation Use Efficiency of Cotton in Contrasting Environments. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:68-71.

**Gonias, E.D.**, D.M. Oosterhuis, A.C. Bibi, and L.C. Purcell. 2008. Estimating Light Interception by the Cotton Crop Using a Digital Imaging Technique. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:75-78.

**Groves, F.E.** and F.M. Bourland. 2008. Relationships of Yield Component Variables to Yield and Fiber Quality Parameters. *In* D.M. Oosterhuis (ed.) Summaries of Cotton Research in Progress in 2007. AR Agri. Exp. Sta. Res. Ser. 562. p. 24-27.

**Kawakami, E.M.**, D.M. Oosterhuis, and J.L. Snider. 2008. Effect of 1-MCP on the Physiology and Yield of Cotton. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:90-95.

**Kawakami, E.M.**, D.M. Oosterhuis, and J.L. Snider. 2008. Effect of 1-MCP on Water Relations Parameters of Well-Watered and Water-Stressed Cotton Plants. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:96-101.

**Kawakami, E.M.**, D.M. Oosterhuis, and J.L. Snider. 2008. Effect of 1-MCP on Antioxidants, Enzymes, Membrane Leakage, and Protein Content of Drought-Stressed Cotton Plants. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:102-107.

**Kawakami, E.M.**, D.M. Oosterhuis, and J.L. Snider. 2008. Effect of 1-MCP on Ethylene Synthesis and Development of Cotton Flowers Under Normal and High Temperatures. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:108-113.

**Loka, D.A.** and D.M. Oosterhuis. 2008. Effect of High Night Temperatures on Cotton Respiration, ATP Content, and Carbohydrates. Summaries of Cotton Research in 2007. Univ. Arkansas Agric. Exp. Sta., Research Series 562:58-63.

**Massey, C.G.**, N.A. Slaton, R.E. DeLong, B.R. Golden, E.T. and Maschmann. 2008. Bermudagrass Forage Response to Nitrogen Fertilization. *In* N.A. Slaton (ed.) Wayne E. Sabbe Arkansas Soil Fertility Studies 2007. Ark. Ag. Exp. Stn. Res. Ser. 558. Fayetteville, AR. p.24-28.

**Mattice, J.D.**, B.W. Skulman, and R.J. Norman. 2008. Environmental Implications of Pesticides in Rice Production. *In* R.J. Norman et al.(eds.), B.R. Wells Rice Research Studies 2007. Univ. of Ark., Agr. Exp. Stn. Res. Ser. 560. p.103-112.

**Moldenhauer, K.A.K.**, J.W. Gibbons, F.N. Lee, J.L. Bernhardt, M.A. Anders, C.E. Wilson, Jr., R.D. Cartwright, R.J. Norman, R. Bryant, M.M. Blocker, , D.K. Ahrent, V. Boyett, S.E. Prislowsky, J. M. Bulloch, and E. Castaneda. 2008. Breeding and Evaluation for Improved Rice Cultivars - the Arkansas Rice Breeding and Development Program. *In* R.J. Norman, J.F. Muellenet and K.A.K. Moldenhauer (eds.) Rice Research Studies 2007. University of Arkansas Agricultural Experiment Station Series 560. p. 50-56.

**Mozaffari, M.**, N.A. Slaton, J.R. Long, J. Kelley, R. Chlapecka, and R. Wimberley. 2008. Effect of Urea and Urea Treated with Agrotain® on Corn Grain Yield in Arkansas. *In* N.A. Slaton (ed.) W.E. Sabbe Arkansas Soil Fertility Studies. 2008. AR Ag. Exp. Sta. Res. Ser. 558. Fayetteville, AR. p. 38-40.

**Mozaffari, M.**, N.A. Slaton, J. Long, F.M. Bourland, A.J. Hood, and C. Kennedy. 2008. Cotton Response to Potassium Fertilization at Multiple Locations. *In* N.A. Slaton (ed.) Wayne E. Sabbe Arkansas Soil Fertility Studies 2007. AR Ag. Exp. Sta. Res. Ser. 558. Fayetteville, AR. p.32-34.

Mozaffari, M., N.A. Slaton, J. Long, J. Osborn, M. Hamilton, and B. Schmid. 2008. Phosphorus Fertilization Increases Seedcotton Yield in Arkansas. *In* N.A. Slaton (ed.) Wayne E. Sabbe Arkansas Soil Fertility Studies 2007. AR Ag. Exp. Sta. Res. Ser. 558. Fayetteville, AR. p.41-42.

**Mozaffari, M.**, N.A. Slaton, H.L. Goodwin, J.R. Long, N. Kemper, and C.G. Herron 2008. Evaluation of Urea and Baled Poultry Litter as Nutrient Sources for Cotton Production. *In* N. A. Slaton (ed.) W. E. Sabbe Arkansas Soil Fertility Studies. 2008. Ark. Ag. Exp. Stn. Res. Ser. 558. Fayetteville, AR. p. 29-31.

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## ENTOMOLOGY

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- Birt, A., M. Tchakerian, S. Yu, J. Guldin, **F. Stephen** and R. Coulson. 2008. SPBSilvix – A web-bases application for managing southern pine beetle. East Texas Forest Entomology Seminar, Nacogdoches, Texas.
- Dowling, A.P.G.** 2008. Preliminary results on phylogeographic patterns of the invasive red palm mite, *Raoiella indica* (Prostigmata: Tenuipalpidae). European Association of Acarologists, 2008 Congress, Montpellier, France.
- Dowling, A.P.G.** 2008. Systematics and historical ecology of mites: an examination of pests and parasites. Department of Biology, Fayetteville.
- Goggin, F. L.** 2008. A defect in LeFAD7, which inhibits jasmonic acid synthesis in tomato, enhances plant defenses against aphids. Symposium, Plant interactions with aphids, Wageningen University, Wageningen, Netherlands. (poster).
- Haavik, L. J. and **F. M. Stephen.** 2008. Spatial and temporal patterns of host tree response to red oak borer infestation. Southern Forest Insect Work Conference, Chattanooga, Tennessee.
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- Haavik, L. J. and **F. M. Stephen.** 2008. Host tree response and spatial patterns of red oak borer larval galleries within northern red oak. East Texas Forest Entomology Seminar 35<sup>th</sup> Anniversary, Nacogdoches, Texas.
- Hannam, J. J. and **D. C. Steinkraus.** 2008. The natural enemies of tarnished plant bug (*Lygus lineolaris*) in tallgrass prairie and agricultural sites in Arkansas. National Meeting, Entomological Society of America, Reno, Nevada.
- Johnson, D.** 2008. Alternative management tactics for green June beetles in grape. Presentation to Southern Region Small Fruit Consortium and IR-4 Programs.
- Johnson, D.** 2008. Demonstration and verification of best management practices for winegrape production in the Ozarks. Presentation to the Missouri Wine and Grape Board.

**Johnson, D. T.** and B. Lewis. 2008. Green June beetle mass trapping and insecticide efficacy. Arkansas Entomological Society Meeting, Fayetteville.

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**Kring, T. J.** 2008. The need for research to modify thresholds for prophylactic treatments for barley yellow dwarf in Arkansas. Arkansas Wheat Promotion Board, Little Rock.

**Kring, T. J.** and D. D. Duguma. 2008. Biological control of knapweed. Arkansas Entomological Society of America, Fayetteville.

**Luttrell, R. G.** and M. I. Ali. 2008. Application and limitations to the use of bioassays for conclusions of Bt resistance evolution in *Helicoverpa zea*. National Meeting, Entomological Society of America, Reno, Nevada.

Magnus, R. A. and **A. L. Szalanski.** 2008. Genetic variation of honey bees from south central United States. Arkansas Entomological Society Meeting, Fayetteville.

Magnus, R., **A. L. Szalanski** and C. Solórzano. 2008. Genetic diversity of honey bees, *Apis mellifera*, from south central United States. National Meeting, Entomological Society of America, Reno, Nevada.

McKern, J., **A. L. Szalanski** and J. W. Austin. 2008. Genetic variation of the cat flea. National Meeting, Entomological Society of America, Reno, Nevada.

McKern, J. A. and **A. L. Szalanski.** 2008. Survey of *Nosema* in honey bees from south central United States. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.



- McLeod, P.** 2008. Cowpea, thrips, orthene and their interactions. Arkansas Crop Protection Association Meeting, Fayetteville.
- McLeod, P.** 2008. Insecticide use, safety and IPM. Springtown, Belize Mennonite Growers Association, Springtown, Belize.
- McLeod, P.** 2008. Cowpea insect research at the University of Arkansas. Cowpea Field Day, University of Arkansas, Vegetable Station, Kibler.
- McLeod, P.** 2008. Production of small vegetable gardens in the upper Amazon: Insect management. Institute for People, Agriculture and Ecology, Bella Vista, Bolivia.
- McLeod, P.** 2008. The Farmer to Farmer Program: Changing agriculture throughout the world. Association of Producers and Agroforesters of Beni, Magdalena, Bolivia.
- McLeod, P.** 2008. Use of seed treatments for management of insects in vegetable crops. Center of Tropical Agriculture Investigation, Santa Cruz, Bolivia.
- Pallipparambil, G. R. and **F. L. Goggin.** 2008. Aphid feeding behavior: a glimpse into the electrical penetration graph technique. Arkansas Entomological Society Meeting, Fayetteville.
- Pallipparambil, G. R., J. C. Reese, F. Francis, L. Jia and **F. L. Goggin.** 2008. Comparison of potato aphid isolates with differing sensitivity to host plant resistance in tomato. National Meeting, Entomological Society of America, Reno, Nevada.
- Pallipparambil, G. R., J. C. Reese, J. M. Louis and **F. L. Goggin.** 2008. Variability in behavioral responses of the potato aphid to the *Mi* resistance gene. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.
- Riggins, J. J., J. C. Defibaugh, J. A. Tullis and **F. M. Stephen.** 2008. Development of remote sensing methodologies for detecting red oak borer related oak decline in the Arkansas Ozarks. East Texas Forest Entomology Seminar 35<sup>th</sup> Anniversary. Nacogdoches, Texas.
- Riggins, J. J., L. J. Haavik and **F. M. Stephen.** 2008. Red oak borer outbreak: flash in the pan, or wave of the future? Longleaf Alliance and Forest Guild Joint Meeting, Sandestin, Florida.
- Rom, C. R., H. Friedrich, J. McAfee, H. Choi, E. Garcia, **D. Johnson,** J. Popp and M. Savin. 2008. Management practices for organic orchard nutrition. National SARE Conference, Kansas City, Missouri.
- Sleezer, S.** 2008. Degree-day model and applications for management of grape phylloxera in the Ozarks. National Meeting, Entomological Society of America, Reno, Nevada.
- Solórzano, C., **A. L. Szalanski,** M. Kence, A. Kence and J. W. Austin. 2008. Phylogeography and population genetics of honey bees (*Apis mellifera* L.) from Turkey based on COI-COII sequence data. National Meeting, Entomological Society of America, Reno, Nevada.

- Solórzano, C. D. and **A. L. Szalanski**. 2008. Genetic variation of *Incisitermes* drywood termites. Arkansas Entomological Society Meeting, Fayetteville.
- Solórzano, C. D. and **A. L. Szalanski**. 2008. Detection of *Dirofilaria immitis* in *Aedes vexans* populations. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.
- Steinkraus, C. D.** 2008. Astounding bee stories from Arkansas. Arkansas Entomological Society Meeting, Fayetteville.
- Steinkraus, D. C.** 2008. Pollen in bee and human health. Arkansas State Beekeeper Annual Meeting, Mountain View.
- Suza, W., G. Medrano, J. Yactayo-Chang, A. Parbatani, J. Underwood, Srivastava, **F. L. Goggin**, M. Dolan and A. Lorence. 2008. Insect defenses and recombinant protein production in plants in the realm of ascorbate metabolism. Joint Meeting Arkansas NSF EPSCoR Program, Arkansas Biosciences Institute and Arkansas Association of Public Universities, Little Rock. (poster).
- Szalanski, A. L.** and R. A. Magnus. 2008. Genetic diversity of Africanized honey bees from Oklahoma and Arkansas. Arkansas Entomological Society Meeting, Fayetteville.
- Szalanski, A. L.** and R. A. Magnus. 2008. Molecular identification of Africanized honey bees from Oklahoma and Arkansas. Arkansas Entomological Society Meeting, Fayetteville.
- Trout, R. T., **C. D. Steelman**, A. L. Szalanski and P. H. Williamson. 2008. *Borrelia* species and *Rickettsia* species isolated from ticks collected from Arkansas pets. Livestock Insect Workers Conference, Kansas City, Missouri.
- Trout, R. T., **C. D. Steelman** and A. L. Szalanski. 2008. Population genetics of *Amblyomma* ticks. Gamma Sigma Delta, Arkansas Chapter Student Competition, Fayetteville. (poster).
- Trout, R. T., **C. D. Steelman** and A. L. Szalanski. 2008. Population genetics and phylogeography of *Amblyomma* ticks. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.
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- Trout, R. T., **C. D. Steelman**, A. L. Szalanski, K. Kvamme and P. Williamson. 2008. Genetic identification and environmental modeling of *Borrelia* pathogens isolated from Arkansas ticks and mammals. National Meeting, Entomological Society of America, Reno, Nevada.

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Tullis, J. A., J. M. Guldin and **F. M. Stephen**. 2008. Integrated spatial decision support for red oak borer hazard response. East Texas Forest Entomology Seminar, Nacogdoches, Texas.

Verble, R. M. and **F. M. Stephen**. 2008. How do prescribed fire and site and stand variables affect carpenter ant distribution and abundance in the Ozark Mountains? East Texas Forest Entomology Seminar 35<sup>th</sup> Anniversary, Nacogdoches, Texas.

**Wiedenmann, R. N.** 2008. Biological control for everyman: public participation in a weed project. Arkansas Entomological Society Meeting, Fayetteville.

**Wiedenmann, R. N.** 2008. Plant-insect ecosystems as a home for molecular entomology. Southwestern Branch Meeting, Entomological Society of America, Ft. Worth, Texas.

**Wiedenmann, R. N.** 2008. Finding a home for crop protection entomologists in the plant-insect ecosystems section. Southwestern Branch Meeting, Entomological Society of America, Ft. Worth, Texas.

Wood, T. N., **D. C. Steinkraus**, M. Richardson and L. R. Flowers. 2008. Resistance in turfgrass species to Japanese beetle oviposition. Arkansas Crop Protection Association, Fayetteville.

Wood, T. N., **D. C. Steinkraus**, M. Richardson, D. T. Johnson and R. N. Wiedenmann. 2008. Survival of early-instar Japanese beetles (*Popillia japonica* Newman) in various turfgrass species in Northwest Arkansas. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.

Wood, T. N., **D. C. Steinkraus** and D. A. Potter. 2008. Do turfgrass species influence oviposition site preference in Japanese beetles (*Popillia japonica* Newman)? National Meeting, Entomological Society of America, Reno, Nevada.

Zawislak, J. and **D. C. Steinkraus**. 2008. Controlling varroa mites on honey bees using botanical smokes. Arkansas Entomological Society Meeting, Fayetteville.

Zawislak, J. and **D. C. Steinkraus**. 2008. Role of botanical smokes in control of varroa mites in honey bee colonies. Southeastern Branch Meeting, Entomological Society of America, Jacksonville, Florida.

Zawislak, J. and **D. C. Steinkraus**. 2008. Role of botanical smokes in IPM of Varroa mites (*Varroa destructor*) in honey bee (*Apis mellifera*) colonies. National Meeting, Entomological Society of America, Reno, Nevada.

## FOOD SCIENCE

### INDUSTRY OR EXTENSION MEETINGS:

Bautista, R.C., **T.J. Siebenmorgen**, and **P.A. Counce**. 2008. Optimal harvest moisture contents for maximizing milling quality. University of Arkansas Rice Research and Extension Center Field Day. Stuttgart, AR. August 13.

**Counce, P.A., K.B. Watkins, K.R. Brye, and T.J. Siebenmorgen**. 2008. A model to predict safe stages of development to drain rice fields on the Arkansas Grand Prairie. University of Arkansas Rice Research and Extension Center Field Day. Stuttgart, AR. August 13.

**Crandall, P.G.**, E.C. Friedly, M. Patton, **S. Seideman, S.C. Ricke**, C.A. O'Bryan and R. Rainey. 2008. NW Arkansas farmers market customers' buying preferences for organic foods. Arkansas-Oklahoma Horticulture Society Meetings. Tulsa, OK. January 4-5.

**Crandall, P.G., S.C. Ricke, and M.G. Johnson**. 2008. Novel, all natural citrus based antimicrobials for cost effective *Salmonella* reduction during organic poultry processing. Given by Sara Milillo at the USDA National Research Initiative Principal Investigator's Meeting in Washington, D.C. November.

**Devareddy, L.** 2008. Plant-based products in the prevention/treatment of inflammatory diseases. Arkansas State University. Jonesboro, AR.

**Devareddy, L.** 2008. The role of rice in improving human health. University of Arkansas Rice Processing Program. Fayetteville, AR.

**Devareddy, L.** 2008. The role of soy in the prevention/treatment of the metabolic syndrome. Arkansas Soy Promotion Board Research Report. August.

**Devareddy, L.** 2008. The role of soy in the prevention/treatment of the metabolic syndrome. Arkansas Soy Promotion Board Research Report. December.

**Devareddy, L.** and S. Lee. 2008. The role of plant bioactive components in improving human health. Arkansas EPSCoR P3 Center Conference. Winthrop Rockefeller Institute. August 20-22.

**Howard, L.** 2008. Processing and storage effects on blueberry polyphenolics and antioxidant capacity. Department of Nutrition Seminar Series. Texas A&M University. September 23.

Jain, V. and **A. Proctor**. 2008. Pilot plant production and optimization of conjugated linoleic acid soy oil by photoisomerization. USDA-NRI Project Directors' Meeting. New Orleans, LA. July 27<sup>th</sup>.

Kulkarni, S. and **T.J. Siebenmorgen**. 2008. Maintaining rice yield and grain quality. University of Arkansas Rice Research and Extension Center Field Day. Stuttgart, AR. August 13.

Main, G. and **J.R. Morris**. 2008. Mechanical and minimal pruning of Cynthiana grapes: Effects on yield components and juice and wine composition. Osage Beach, MO. February 2-3.

**Morawicki, R.** 2008. Green technologies applied to food processing and Biogenesis of flavors by the lipoxygenase-hydroperoxide lyase pathway. 1st International and 2nd National Symposium in Agro Industries. Monteria, Colombia. September.

**Morris, J.R.** 2008. Commercialization of the Morris-Oldridge vineyard mechanization system. Osage Beach, MO. February 2-3.

**Morris, J.R.** 2008. Considerations for starting a winery. Arkansas Agricultural Experiment Station Research Report 983.

**Morris, J.R.,** G.L. Main, R.T. Threlfall, and R.K. Striegler. 2008. Initial impact of pruning and fruit thinning applications on growth and composition of Concord and Sunbelt grapes. Osage Beach, MO. February 2-3.

**Proctor, A.** 2008. High-Conjugated Linoleic Acid (CLA) soy oil quality. Arkansas Soy Promotion Board Research Report. August.

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**Proctor, A.** and J. McDaniel. 2008. *AgritecSorbents*: An innovative green industrial approach to convert rice hull waste to silicate and activated carbon. 4<sup>th</sup> Renewable Resources and Biorefineries Conference. The World Trade Center. Rotterdam, Netherlands. June 2<sup>nd</sup>.

**Seideman, S., P. Crandall, R. Rainey and S.C. Ricke.** 2008. Road to riches: Marketing organic products. Joint Arkansas Oklahoma Horticulture Industry Show. Jonesboro, AR.

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Brownmiller, C.R., **L.R. Howard**, and R.L. Prior. 2008. Processing and storage effects on the procyanidin content of blueberry juices. Institute of Food Technologists Annual Meeting. Abstract 133-08. New Orleans, LA. July.

Cameron, D., G. Mendez-Montevalvo, **Y.-J. Wang**, and M. Campbell. 2008. Physicochemical properties of waxy corn mutant starches modified by isoamylase and beta-amylase. IFT Annual Meeting. New Orleans, LA.

Chalova, V.I., **P.G. Crandall**, C. O'Bryan, and S.C. Ricke. 2008. Impact of dispersing agents on radical scavenging activity and inhibitory properties of natural cold pressed terpenless valencia orange oil against foodborne microorganisms. Amer. Soc. Microbiol. General 108th Annual Meeting. Boston, MA.

Chávez-Murillo, C.E., M.G. Méndez-Montevalvo, **Y.-J. Wang**, and L.A. Bello-Pérez. 2008. Morphological, physicochemical and structural characteristics of oxidized barley starch. AACC International Annual Meeting. Hawaii, HI.

Chitturi, V., **N.S. Hettiarachchy**, **M.G. Johnson**, and **S.C. Ricke**. 2008. Inhibition of membrane associated ATPase of *Listeria monocytogenes* and *E. coli* O157:H7 by green tea and grape seed extracts. Institute of Food Technologists Annual Meeting and Food Expo, Abstract # 052-11. New Orleans, LA. June 28-July 1.

Coleman, S.M., J.A. Patindol, and **Y.-J. Wang**. 2008. Functional properties of rice as affected by degree of milling and cooking method. Rice Technical Working Group Meeting. San Diego, CA.

**Crandall, P.G.** and R. Galatin. 2008. Organic Foods: Perceptions vs. Reality Today and Tomorrow. Symposia organized with the Marketing and Management Division. Institute of Food Technology Meeting. New Orleans, LA.

**Crandall, P.G.**, E.C. Friedly, M. Patton, **S. Seideman**, **S.C. Ricke**, C.A. O'Bryan, A.C. Fanatico, and R. Rainey. 2008. Organic poultry, consumer perceptions and regulatory issues. Poultry Science Association 97<sup>th</sup> Annual Meeting. Niagara Falls, Canada. July 20-23.

Dutta, V. G.R. Huff, W.E. Huff, **M.G. Johnson**, R. Nannapaneni, and **R.J. Sayler**. 2008. Isolation of *L. monocytogenes* from challenged turkeys using real-time PCR. *Proced. World's Poultry Congress*. Brisbane, Australia.

**Espinosa, A.** and **R.O. Morawicki**. 2008. Hydrolysis of whey protein isolate using sub-critical water in a batch reactor. Presented at the IFT Annual Meeting. New Orleans, LA.

Eswaranandam, S., **N.S. Hettiarachchy**, I. Hanning, **M.G. Johnson**, M.F. Slavik. 2008. Inhibition of biofilm formation by organic acids in model system. Institute of Food Technologists Annual Meeting and Food Expo, Book of Abstracts #052-27. New Orleans, LA. June 28-July 1.

Eswaranandam, S., **N.S. Hettiarachchy**, **M.G. Johnson**. 2008. Electrostatic spray of organic acids and grape seed extract to decontaminate *E. coli* O157:H7 on spinach. Institute of Food Technologists Annual Meeting and Food Expo, Book of Abstracts #052-03. New Orleans, LA. June 28-July 1.

Gammill, W., V.P. Jain and **A. Proctor**. 2008. A comparative study of the use of high linoleic vegetable oils in producing conjugated linoleic acid. *AOCS Health and Nutrition Division Excellent Poster Award*. American Oil Chemists Society Annual Meeting. Seattle, WA. May 19<sup>th</sup>.

**Howard, L.R.**, T.J. Hager and R.L. Prior. 2008. Processing and storage effects on blackberry ellagitannins and flavonols. American Chemical Society National Meeting. Abstract 219. Philadelphia, PA. August.

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Jones, F.T., and **S.C. Ricke**. 2008. Current and future prospects for organic poultry: Symposium introduction. Poultry Science Association 97th Annual Meeting. Niagara Falls, Canada. July 20-23.

- Kannan, A., **N.S. Hettiarachchy**. 2008. Human lung and breast anti-cancer properties of peptides obtained from heat stabilized defatted rice bran by enzymatic hydrolysis. Oral presentation. AACC International Annual Meeting. Open Exchange Track, Rice Products • 316 C, O-39, CFW 53:A31. Honolulu, HI. September 22.
- Kelkar, S., M.J. Cho and **A. Proctor**. 2008. Oxidative stability of conjugated linoleic acid-rich soy oil. American Oil Chemists Society Annual Meeting. Seattle, WA. May 19<sup>th</sup>.
- Khanal, R.C., **L.R. Howard** and R. L Prior. 2008. Influence of extrusion processing on procyanidin contents of blueberry pomace. Institute of Food Technologists Annual Meeting, Abstract 133-09. New Orleans, LA. July.
- King, J.W., D. Zhang, A. Schlagenhauf, J. Patindol, and **Y.-J. Wang**. 2008. Greening biomass/bioenergy conversion processes using analytical instrumentation. Pittcon Annual Meeting. New Orleans, LA.
- Kuakpetoon, D., and **Y.-J. Wang**. 2008. Influences of molecular structure on hypochlorite-catalyzed oxidation of starch. International Starch Convention. Cracow, Poland.
- Kuo, M.-I., **Y.-J. Wang**. 2008. Influences of amylopectin structure, shear stress, and urea on the rheological properties of starch. AACC International Annual Meeting. Hawaii, HI.
- Lall, R., V.P. Jain and **A. Proctor**. 2008. HPLC analysis of triacylglycerol in CLA enriched oils: Role of standards. American Oil Chemists Society Annual Meeting. Seattle, WA. May 19<sup>th</sup>.
- Lee, Y.S., Dooley, L., and **Meullenet, J-F**. 2008. The application of check-all-that-apply consumer profiling to preference mapping of vanilla ice cream and its comparison to classical external preference mapping. Oral Presentation, Sensometrics Meeting, Brock University, St Catharines, Ontario, Canada. July 20-23 2008.
- Lee, Y. S., T. S. P. Tokar, and **J. F. Meullenet**. 2008. Effects of eliminating first order samples on consumer overall liking results. Oral presentation in 2008 IFT Annual Meeting, New Orleans, LA, USA, June 28–July 1.
- Lee, Y. S., Z. G. Zhekov, T. S. P. Tokar, J. K. Tubbs, **C. M. Owens**, and **J. F. Meullenet**. 2008. The Blunt Meullenet-Owens Razor Shear for predicting broiler breast meat tenderness. Oral presentation in 2008 IFT Annual Meeting, New Orleans, LA, USA, June 28–July 1.
- Lungu, B., J.C. Saldivar, R.P. Story, **S.C. Ricke** and **M.G. Johnson**. 2008. Protein synthesis and metabolic energy strategies in *Listeria monocytogenes* 10403S and a Sig B mutant during multiple nutrient starvation. Amer. Soc. for Microbiology Annual General Meeting. Abstract P-018, pp. 488-9. Boston, MA. June 1-5.



- Lungu, B., S.E. Dowd, A. Muthaiyan, **S.C. Ricke, M.G. Johnson**. 2008. Transcriptional analysis of the growth of *L. monocytogenes* 10403S and as Sig B mutant strain following exposure to dinitrophenol or sodium arsenite. Amer. Soc. for Microbiology Annual General Meeting, Abstract P-005, p 486. Boston, MA. June 1-5.
- Meullenet, J-F**. 2008. Application of consumer ideal point mapping to a 3-factor experimental design and its graphical representation. Inaugural Conference of the Society for Sensory Professionals, Cincinnati, OH, USA November 5-7.
- Min, X., **Y.-J. Wang**, and **P. Chen**. 2008. Temporal changes in chemical compositions during soybean seed development. IFT Annual Meeting. New Orleans, LA.
- Monrad, J.K., **L.R. Howard**, J.W. King and K. Srinivas. 2008. Pressurized solvent extraction of anthocyanins from dried red grape pomace. Institute of Food Technologists Annual Meeting, Abstract 056-31. New Orleans, LA. July.
- Nannapaneni, R., R. Story, K.E. Wiggins, and **M.G. Johnson**. 2008. Invasiveness of non-starved and long term starvation stressed cells of *Listeria monocytogenes* Scott A Serotype 4b in human Caco – 2 cell model. Intl Assoc Food Protect Annual Research Meeting, Abstract #P5-52, p.145. Columbus, OH. August 3-6.
- Nannapaneni, R., R. Story, K.E. Wiggins, and **M.G. Johnson**. 2008. Five-year trends in total *Campylobacter* and total ciprofloxacin-resistant *Campylobacter* loads in rinses from retail raw chicken carcasses from 2002-2006. Intl. Assoc. Food Protect Annual Research Meeting, Abstract # P5-02, p. 152-153. Columbus, OH. August 3-6.
- Nchienzia, H.A., **A. Espinosa** and **R.O. Morawicki**. 2008. Enzymatic hydrolysis of poultry byproducts with endo- and exopeptidases. Presented at the IFT Annual Meeting. New Orleans, LA.
- O'Brien, S., and **Y.-J. Wang**. 2008. Characterization of starch phosphates prepared by reactive extrusion. IFT Annual Meeting. New Orleans, LA.
- O'Bryan, C., K. Shores-Ellis, **P. Crandall**, D. Johnson, **S.C. Ricke, M.G. Johnson**, and J. Marcy. 2008. Optimizing web-based instruction: A case study using poultry processing unit operations. Institute of Food Technologists Annual Meeting and Food Expo, Book of Abstracts Oral Session #151-05, pp. 201-202. New Orleans, LA. June 28-July 1.
- Ondier, G. and **T.J. Siebenmorgen**. 2008. The use of silica gel in drying small samples of rough rice. Paper presented during the American Association of Cereal Chemists International Annual Meeting. Honolulu, Hawaii. September 21-24.
- Onofre, F., and **Y.-J. Wang**. 2008. Crosslinked and substituted starches as excipients in sustained-release tablet formulations. Controlled Release Society Annual Meeting. New York. NY.

Over, K., **Hettiarachchy, N.S., Johnson, M.G.** 2008. Effect of organic acids and plant extracts on *Salmonella typhimurium*, *Listeria monocytogenes*, and *Escherichia coli* O157:H7 in broth culture and chicken meat model. Institute of Food Technologists Annual Meeting and Food Expo, Book of Abstracts # 052-09. New Orleans, LA. June 28-July 1.

Patindol, J., J. Newton, and **Y.-J. Wang.** 2008. Functional properties as affected by laboratory-scale parboiling of rough rice and brown rice. Rice Technical Working Group Meeting. San Diego, CA.

Piland, D.K. and **L.R. Howard.** 2008. Subcritical water, acidified water, and sulfured water extraction of phenolic compounds from dried lowbush blueberry pomace. Institute of Food Technologists Annual Meeting, Abstract 096-29. New Orleans, LA. July.

**Ricke, S.C.** 2008. Antimicrobial strategies for organic and conventional foods. Symposium: Organic Foods: Perceptions vs. Reality Today and Tomorrow. IFT Annual Meeting and Food Expo. New Orleans, LA. June 29.

**Ricke, S.C.** 2008. Antimicrobials for foodborne pathogen reduction in organic and natural poultry production. Poultry Science Association 97th Annual Meeting. Niagara Falls, Canada. July 20-23.

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Saleh, M. I. and **Meullenet, J-F,** 2008. Rice Functional Properties as Affected by Rice Temperature during Milling. Oral presentation in 2008 IFT Annual Meeting, New Orleans, LA, USA, June 28-July 1.

Sirsat, S.A., A. Muthaiyan, and **S.C. Ricke.** 2008. *Salmonella* survival and virulence gene expression response to antimicrobial combinations. Amer. Soc. Microbiol. General 108th Annual Meeting. Boston, MA.

Thompson, M.R., M. Ollinger, **P.G. Crandall,** C.A. O'Bryan. 2008. Mandatory food recalls. American Agricultural Economics Association Annual Meeting. Orlando, FL. July 27-29.

Tubbs, J., Oupadissakoon, G. and **Meullenet, J-F.** 2008. Performance and Representation of Euclidian Distance Ideal Point Mapping (EDIPM) using a Third Dimension. Poster Presentation, Sensometrics Meeting, Brock University, St Catharines, Ontario, Canada. July 20-23 2008.

Zhekov, Z. G., Y. S. Lee, T. Tokar, J. K. Tubbs, **C. M. Owens and J. F. Meullenet.** 2008. Effects of partial and complete replacement of sodium chloride with potassium chloride on the texture, flavor and water-holding capacity of marinated broiler breast fillets. Poster presentation in 2008 IFT Annual Meeting, New Orleans, LA, USA, June 28-July 1.

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Ganesh, V., S. Eswaransandam, **N. Hettiarachchy, M.G. Johnson**. 2008. NSH-03. Novel multiple hurdle technologies using malic acid, plant extracts, and irradiation to decontaminate and extend the shelf life of produce – Sub Title: Effect o electrostatic and conventional sprayings and dipping of natural antimicrobial solutions on *Sal* Typhimurium inoculated spinach. The Food Safety Consortium Progress Reports, pp. 5. September.

Huff, G.R., W.E. Huff, **M.G. Johnson** and R. Nannapaneni. 2008. GRH-01. Update: Molecular identification. Characterization and assessment o virulence of non-culturable biofilm isolates of *Listeria monocytogenes* isolated from chronic infections of turkeys: Implications for products and processing plant contamination. The Food Safety Consortium Progress Reports, pp. 4. September.

Main, G.L. and **J.R. Morris**. 2008. Mechanical and minimal pruning of Cynthiana grapes: Effect on yield components and juice and wine composition. Poster presentation at Justin R. Morris Vineyard Mechanization Symposium. Osage Beach, MO. February.

Martin, E.M., **P.G. Crandall**, J. March, **M.G. Johnson**, C.A. O'Bryan and S. Milillo. 2008. NRI update on deli slicer cleaning and sanitation. Presented to Food Safety Center and to Harp's Deli Manager.

Morris, J.R., G.L. Main, R.T. Threlfall, and R.K. Striegler. 2008. Initial impact of pruning and fruit thinning applications on growth and composition of Concord and Sunbelt grapes. Poster presentation at Justin R. Morris Vineyard Mechanization Symposium. Osage Beach, MO. February.

Nannapaneni, R., B. Lungu, A. Muthaiyan, S.C. Dowd, J. Saldivar, **J. Lingbeck**, R. Story, K.C. Wiggins, **S.C. Ricke and M.G. Johnson**. 2008. MGJ / SCR-02. Starvation survival response and invasiveness of non starved and long term starvation stressed cells of *Listeria monocytogenes*, Scott A Serotype 4b in human Caco-2 cell model. The Food Safety Consortium Progress Report, pp. 7. September.

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Over, K., **N. Hettiarachchy**, and **M.G. Johnson**. 2008. NSH-02. 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 – Sub Title: Inhibition of *E. coli* O157:H7, *L. monocytogenes* and *Sal* Typhimurium by organic acids and selected plant extracts in broth culture model and vacuum infused into raw chicken breast meat. The Food Safety Consortium Progress Reports, pp. 6. September.

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### **PATENTS AND PATENT DISCLOSURES:**

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**Wang, Y.-J.**, and S. Purcell. 2008. Coating composition and process for baked products to impart the attributes of fried products.

### **HORTICULTURE**

**Clark, J.R.** Arkansas blackberry, blueberry and peach breeding. Univ. of Arkansas Fruit Research Station Field Day, Clarksville, Ark. June 24, 2008.

**Clark, J.R.** Fruit breeding update. Univ. of Arkansas Southwest Research and Extension Center, Hope, Ark. June 5, 2008.

**Clark, J.R.** Sabbatical observations: Arkansas fruits move around the world. Univ. of Arkansas Department Seminar, Fayetteville, Ark. April 2, 2008.

Dunn, B. L. and **J.T. Lindstrom**. 2008. Poster Presentation. Sterility Seen in Backcross Population of *Buddleja*. Southern Nursery Association Research Conference, Atlanta, GA.

Dunn, B.L., M.-C. Van Labeke, and **J.T. Lindstrom**. 2008. Poster Presentation. Ploidy Induction Experiments on Nodal Sections of *Jatropha curcas* L. Using Mitotic Inhibitors. American Society for Horticultural Science, Orlando, FL.

**Evans, M.R.** 2008. Research Update, 2008 National Floriculture Forum. Raleigh, N.C. February 22 – 24.

**Evans, M.R.** 2008. Oral presentation to the American Society for Horticultural Science Annual Meeting (Orlando, FL). July 28 – 30.

**Garcia, M.E.** 2008. Horticultural options when starting a new organic apple orchard (Poster). 16<sup>th</sup> ISFOAM Organic World Congress. Modena, Italy.

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Panka, D., C.P. West, C. Guerber, and **M.D. Richardson.** 2008. Susceptibility of endophyte-infected tall fescue to *Rhizoctonia zeae* infection. *9th International Congress of Plant Pathology*, 24-29 August, Torino, Italy.

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**Patton, A.J.** 2008. Bermudagrass athletic field management. Advanced turfgrass short course, Fayetteville, AR., Feb. 2008.

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**Patton, A.J.** 2008. Turfgrass propagation. Arkansas/Oklahoma short course, Stillwater, OK., Jan 2008.

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**Richardson, M. D.** 2008. Management of creeping bentgrass putting greens. University of Arkansas Advanced Turfgrass Short Course, Fayetteville AR, Feb. 2008.

**Richardson, M. D.** 2008. Environmental fate of nutrients applied to turfgrass. University of Arkansas Advanced Turfgrass Short Course, Fayetteville AR, Feb. 2008.

Richardson, M., D. Karcher, A. Patton, and J. McCalla. 2008. A method to measure golf ball lie in various turf types using digital image analysis. Ark. Turfgrass Rep. 2007. p. 57-62.

Richardson, M., J. McCalla, D. Karcher, and A. Patton. 2008. Report from the 2006 NTEP tall fescue trial - first year data. Ark. Turfgrass Rep. 2007. p. 66-70.

Rolfe, R., M. Richardson, J. McCalla, J. Boyd, A. Patton, and D. Karcher. 2008. Impact of common annual bluegrass control programs on overseeded meadow fescue and tetraploid ryegrass. Ark. Turfgrass Rep. 2007. p. 71-75.

Rolfe, R., M. Richardson, J. McCalla, J. Boyd, A. Patton, and D. Karcher. 2008. Transition herbicide effects on overseeded meadow fescue and tetraploid perennial ryegrass. Ark. Turfgrass Rep. 2007. p. 76-79.

**Rom, C.R.** 2008. Is There a Quiet Crisis Developing in Horticulture Higher Education? A role for the American Society for Horticultural Science to Help Set a National Agriculture Higher Education Agenda. HortSci. 43(4): 1166 [abst]

**Rom, C.R.** 2008. The Horticultural Olympiad: Creating a Structure for Local and National Co-Curricular Competitions. HortSci. 43(4): 1216 [abst] (workshop on student activities)

**Rom, C.R.,** H. Friedrich, C. Vincent, K. Winsett. 2008. GroGreen – The Student Organic Farm at the University of Arkansas: Teaching Hands-on Production and Sustainability. HortSci. 43(4): 1217 [abst] (workshop on student activities)

**Rom, C.R.,** H. Friedrich, J. McAfee, E. Garcia, D. Johnson, and J. Popp. 2008. Early Performance of Organic Managed Floricane and Primocane Blackberries and Raspberries Grown in High Tunnels for Extended Season. HortSci. 43(4): 1228 [abst] ASHS meeting

**Rom, C.R.** J. McAfee, H. Friedrich, H. Choi, D.T. Johnson, J. Popp, and M.E. Garcia. 2008. The effects of ground cover management and nutrient source on establishment and early growth of an organic apple orchard. SARE National Conference (<http://www.sare.org/2008Conference/posters/Rom.pdf>).



**Rom, C.R.,** H. Friedrich, J. McAfee, H. Choi, M. E. Garcia, D.T. Johnson, and J. Popp. 2008. The potential for extending the harvest season of organic brambles in the upper mid-south using high tunnels. *HortScience* 43(4): 610 (abstract). SR-ASHS

**Rom, C.R.,** J. McAfee, H. Friedrich, H. Choi, M. E. Garcia, D.T. Johnson, J. Popp and M. Savin. 2008. Early performance during establishment of an organic apple orchard in the upper mid-south. *HortScience* 43(4): 609 (abstract). ASHS

**Rom, C.R.** 2008. Interaction of groundcover and nutrition in orchards. MN Apple Growers Association.

Summerford, J., D. Karcher, M. Richardson, A. Patton, and J. Boyd. 2008. Cultural practices to improve the performance of overseeded meadow fescue and tetraploid ryegrass. *Ark. Turfgrass Rep.* 2007. p. 85-90.

Summerford, J., D. Karcher, M. Richardson, A. Patton, and J. Boyd. 2008. Seeding rate effects on the quality and traffic tolerance of overseeded meadow fescue and tetraploid perennial ryegrass. *Ark. Turfgrass Rep.* 2007. p. 91-95.

Summerford, J., D. Karcher, M. Richardson, A. Patton, and J. Boyd. 2008. Cultural practice effects on the transition of overseeded meadow fescue and tetraploid ryegrass. *Ark. Turfgrass Rep.* 2007. p. 96-100.

**Trappe, J.M.,** A.J. Patton, M.D. Richardson, and F.C. Waltz Jr. 2008. Bermudagrass Cultivars Differ in Their Traffic Tolerance. *In* annual meetings abstracts [CD-ROM]. ASA, CSSA, and SSSA Madison, WI.

**Trappe, J.M.,** M.D. Richardson, A.J. Patton, and D.E. Karcher. 2008. Successful Bermudagrass Overseeding is Dependent on Species Selection and Pre-plant Cultivation Technique. *In* annual meetings abstracts [CD-ROM]. ASA, CSSA, and SSSA Madison, WI.

## **OTHER CREATIVE ENDEAVORS:**

### **AGRICULTURAL AND EXTENSION EDUCATION**

**Leslie Edgar** presented a 4-hour professional development workshop entitled, “Connecting the Dots: Research and Collaboration” at the American Association of Agricultural Education in which the theme of the workshop was adopted as the national conference theme.

**Leslie Edgar** – Lazy J Marketing Campaign – a holistic campaign to guide the company in incorporating a roadside stand and CSA (Community Supported Agriculture) program.

**Leslie Edgar** – AEED Scholarship Campaign – a holistic campaign to guide the AEED department in instituting a holistic development campaign to raise scholarship funds for the Department.

**Jeff Miller** coordinated the Research Paper Review Process and Conducted the Research Meeting at the 2008 International Conference of the Association for Communications Excellence in Agricultural, Food and Human and Life Sciences, Traverse City, MI, June 10-13, 2008.

### **AGRICULTURE STATISTICS LABORATORY**

Laboratory faculty and staff spent approximately 950 contact hours consulting with College and Division of Agriculture faculty, staff and students on statistical design, analysis and programming. Except for programming consultations, additional non-contact hours were usually spent on each project. Consulting does not include any collaborative research efforts.

### **BIOLOGICAL AND AGRICULTURAL ENGINEERING**

**Haggard, B.E.**, Leslie Bartsch: Organized annual research of the Arkansas Water Resources Center held on April 22 and 23 in Fayetteville, Arkansas.

**Haggard, B.E.**, Leslie Bartsch: Organized technical workshop to develop a mental model of the factors influencing water quality within the Upper Illinois River Watershed.

**Haggard, B.E.**, Leslie Bartsch, and FTN Associates: Organized a visioning exercise with the Board Members from the Illinois River watershed Partnership to develop a common vision for this water resource 25 years in the future.

**Kim, J.-W.** R. Deaton, and V.P. Zharov. Near-infrared responsive carbon nanostructures. Patent pending.

**Sadaka, Samy** Biofuel. Bioenergy awareness days. Washington DC. June 18 – June 20, 2008. A crowd of more than 3000 people attended these bioenergy awareness days. Many discussions took place with public, USDA leaders and others showing the division activities. Every visitor received an educational material showing thermochemical conversion processes of biomass to fuel. Every visitor received the Division pen.

### **CROP, SOIL AND ENVIRONMENTAL SCIENCES**

**Counce, P.A.** 2008. Draining Rice by Growth Stages on the Grand Prairie - A Predictive Computer Program. Arkansas County Conservation District Newsletter.

**Daniel, T.C.**, P.B. DeLaune, A.N. Sharpley, M.S. Reiter, J.B. Staed, B.E. Haggard, and M. Cochran. 2008. Edge of Field Water Quality Monitoring from Various Management Practices in Ozark Highlands. Final EPA 319 report to AR Soil & Water Conserv. Commission.

**Marsh, Matthew**, D. E. Longer and Vaughn Skinner. 2008. The Effect of Austrian Winter Pea Cover Crop and Cow Pea Companion Crop on Corn Yield. *Discovery*. Vol. 9, Fall 2008, p. 57-63.

**Mozaffari, M.**, F.M. Bourland, and L. Fowler. 2008. Effect of Potassium Fertilization on Seedcotton Yield at Judd Hill Plantation. *In* F. M. Bourland (ed.) 2007 Judd report. Judd Hill Foundation. Judd Hill Arkansas.

**Norman, R.J.**, N.A. Slaton, C.E. Wilson, Jr., and K.R. Brye. 2008. Efficient Use of Fertilizer. *In* C.E. Wilson, Jr. (ed.) Rice Production Handbook. Univ. of Ark., Div. of Agri., Coop. Ext. Ser. MP-192.

**Wilson, Jr., C.E.**, K.A.K. Moldenhauer, J. Gibbons, R. Cartwright, F. Lee, R. Norman, J. Bernhardt, M. Blocker, J. Bulloch, D. Frizzell, R. Mazzanti, C. Parsons, S. Runsick, and J. Yingling. 2008. Arkansas Rice Performance Trials, 2006-2008. Univ. of Ark., Div. of Agri., Coop. Ext. Ser. Rice information sheet 167.

## **FOOD SCIENCE**

**Crandall, P.G.** and C.A. O'Bryan. 2008. Chocolate: Food of the gods. Presentation to the Food Science Orientation Class. October, 28.

**Hettiarachchy, N.** 2008. DSM and Riceland Foods, Stuttgart – Interest in rice endosperm protein production. Introduced Riceland Foods Inc. to DSM scientist (Switzerland). This visit opened the door for Riceland to interact with DSM for possible Rice protein production in their facility.

**Hettiarachchy, N.** 2008. Show and Tell. Demonstrated edible protein film production using extruder and discussed films' application in food, and the pharmaceutical products to Japanese scientists.

**Johnson, M.G.** 2008. Used ASM Microbe Library licensed power point and Flash Play technology to demonstrate how antibiotics attach the cell envelop of Gram- positive and Gram-negative bacteria.

**Morris, J.R.** 2008. Acted as adviser to Arkansas vineyards and wineries.

**Morris, J.R.** 2008. Advised colleagues from other Universities on viticulture and enology research issues.

**Morris, J.R.** 2008. Conferred with OXBO concerning the vineyard mechanization patent implementation.

**Morris, J.R.** 2008. Evaluated production operations in a large commercial hand-farmed vs. machine-farmed Central Coast California vineyard.

**Morris, J.R.** 2008. Served as an invited judge for the AR State Wine Competition in Little Rock in October.

**Ricke, S.C.** 2008. Developed webpage for Center for Food Safety.

## HORTICULTURE

**Clark, J.R.** A-2640 Table Grape, 2008 (Plant Patent application filed in 2008; application number not provided by legal counsel as yet)

**Clark, J.R.** Natchez Blackberry, 2007 (Plant Patent application no. 12/152,524; May 15, 2008)

**Lindstrom, J.T.** 2008. *Buddleja* ‘Orange Sceptre’ and *Buddleja* ‘Winter Waterfall’ were released primarily for greenhouse or conservatory use. ‘Orange Sceptre’ is already available commercially.

**Lindstrom, J.T.** 2008. *Amsonia* ‘Blue Bridges’, tested as ‘SPH’ was released upon favorable evaluation by cooperators.

## HUMAN ENVIRONMENTAL SCIENCES

**Farmer, F.L** An interactive analysis of Hispanic population growth, change and structure in the southern United States. Electronic widget, University of Arkansas, distributed through the Southern Rural Development Center (for demonstration see <http://ruralsoc.uark.edu/>).

**Farmer, F.L** Developed and maintained *RSIDE: Rural Sociology Information and Data Effort* that serves as a source of data and information for a wide range of individuals, agencies and institutions. Since 2/17/05 it has been visited 14,640 times.

**Robert (Bob) Harrington** was the guest chef at the Hotel Adler Küchenfest, Asperg, Germany. Event featured a 9-course menu by eight German Michelin-starred chefs and Harrington. His recipe was “Napoleon mit Krabbenfleisch und Zitrusremoulade.”

**Turner, M.J.** and C.R. Young. (2008). Shaking the family tree: the nature of mother-in-law and daughter-in-law relationships. Smart Marriages workshop. San Francisco, CA.

**Way, K., F. Powell and M. Warnock.** (2008). Collaborative efforts involving hospitality and restaurant management students, the University of Arkansas Economic Development Institute, the City of Eureka Springs, and the Arkansas Hospitality Industry. Symposium Roundtable. I-CHRIE. Atlanta, GA.

## PLANT PATHOLOGY

**Cartwright, R.D.** 2008. Rice Pathology – I received \$114,000 from the Arkansas Rice Promotion Board to continue research on Integrated Disease Management for Rice for Arkansas. This project implemented 2500 field plots in 2008 and assessed over 3500 for disease. Major focus was on the relationship of potassium to stem rot and yield of rice; novel fungicides to control sheath blight, stem rot, kernel smut and false smut; yield loss of different rice cultivars to sheath blight; and evaluation of rice germplasm for reaction to stem rot, black sheath rot, kernel smut, false smut, blast, bacterial panicle blight, narrow brown leaf spot, and other rice diseases under field conditions.

**Cartwright, R.D.** 2008. Soybean Pathology – I received \$47,000 from the Arkansas Soybean Promotion Board to research aerial blight and chloride toxicity of soybean. Focus was on the development of standard screening methods for both problems. Good success was achieved in the evaluation of 293 soybean cultivars in replicated trials at the Vegetable Substation near Kibler under pivot irrigation for reaction to aerial blight. Results were provided to the Cooperative Extension Service for inclusion in the 2008 Soybean Update and to the Arkansas Soybean Variety Testing Program for use in the annual ASVT report. The same set of cultivars were evaluated in the greenhouse using the Shannon chloride toxicity testing method and results compared to the includer/excluder system of the late Darryl Widick at ASU. We tested 90 of the cultivars in a replicated field trial in Prairie County as well. Results were provided to the cooperators above for use in reports.

**Cartwright, R.D.** 2008. At the request of administration and the Soybean Promotion Board, I initiated a comprehensive project on soybean seed quality, involving 6 faculty members in PLPA and CSES and receiving funding of \$191,000 from the Board and \$19,000 from administration for equipment. A seed quality assessment lab was established at UAF and an analyst hired. An education coordinator was hired and a statewide planting seed survey completed during the year with results presented to Arkansas Farm Bureau, the Soybean Promotion Board and the Annual Soybean Research Conference. Results will be widely presented in early 2009 to soybean growers in Arkansas, Louisiana and Mississippi.

I assisted other soybean researchers as needed, providing inoculum and inoculation for the frogeye screening effort of Dr. Monfort at the Newport Station and the greenhouse frogeye project of Dr. Rupe at UAF.

**Cartwright, R.D.** 2008. Sorghum Pathology. I received \$34,000 from the Corn and Grain Sorghum Board for research on Integrated Disease Management in Sorghum. We evaluated 30 sorghum hybrids for disease reaction at four locations in the state and presented results to the Arkansas Sorghum Variety Testing Program for use in the annual report and to the Cooperative Extension Service for use in the 2008 Sorghum Update. We conducted 7 fungicide trials on sorghum and reported results to county extension agents at In-Service Training in December and these results will be presented repeatedly during January and February 2009 at grower meetings. We evaluated lodged sorghum fields for soil and tissue nutrient status and found low potassium a potential factor in lodging and stalk rotter disease.

**Cartwright, R.D.** 2008. Practical Management of Crop Pests in the South. Computer display and poster presented to the National Farm Bureau Convention in New Orleans, LA – January 13-14, 2008. (More than 1000 people viewed the display).

**Cartwright, R.D.** 2008. RiceCAP, a National Project to Use Applied Rice Genomics to Improve Rice. Modular Display and Poster presented to the National Farm Bureau Convention in New Orleans, LA – January 13-14, 2008. (More than 1000 people viewed the display).

**Coker, C.M., Jr.** 2008. Soybean Rust on Kudzu Identification Training/Tour. July. 30-31. Houston, Tx. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Tomato Disease Identification Training. June 23. Monticello, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust Clinic /Scouting School, July. 15. Rohwer, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. New Agent IPM Training Plant Pathology, Dec. 11-12. Ferndale, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Rust Update. Soybean Production Clinic. July 25 Pocahontas, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Management & Soybean Rust Update. Consultant's School, Aug. 12. Crawfordsville, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Nematode Sampling & Management. Consultant In-Service Training, July 15. Rohwer, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Cotton Nematode Sampling & Management. Consultant In-Service Training, June 17. Rohwer, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Management. Consultant In-Service Training, Jan. 30. Little Rock, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Scout Training. June 13. Lonoke, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Scout Training, June 12 Jonesboro, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Wheat Disease Identification. Wheat Training Tour, April 7. Desha County, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease and Nematode Update, Aug. 11. Clay Co., AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Management. Soybean and Wheat Disease Clinic, Jan. 14. Dumas, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Management. Soybean and Rice Disease, Jan. 11. Newport, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Corn, wheat, Grain Sorghum Disease Update. Lake Village, AR, Jan. 23. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean and Rice Disease Management, Feb. 5. Corning, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Cotton Pest Training, March 5. Lake Village, AR. Syngenta R&D personnel. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Vegetable Disease Management. In-service training Feb. 22 Lee Co., AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rice & Cotton IPM Training, June 12. Lonoke County AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean & Cotton IPM Training. June 9. Chicot Co., AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean & Cotton IPM Training. June 20. Jonesboro, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean & Cotton IPM Training, July 5. Phillips Co., AR. Cooperative Extension Service of Arkansas.

**Coker, C.M., Jr.** 2008. Corn/Soybean Disease Identification. Jefferson County Field Day, July 17. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Identification. Rohwer Field Day, July 24. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Rice Soybean & Cotton IPM Training, Aug. 8. Crittenden Co. Field Day, AR. Cooperative Extension Service of Arkansas.

**Coker, C.M., Jr.** 2008. Row Crop Disease I.D. Clinic. West-Clay County Crops Field Day, Corning, AR. Aug. 11. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Update. SPB Meeting, Aug. 4. Rohwer, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. IPM Clinic/Soybean Disease Identification. Cash River Soybean Field Day & Tour. August 20 Cash, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean/Rice Disease Management. Soybean Clinic & Tour, August 21. Jefferson Co., AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Update. Cotton Branch Station Field Day, Aug. 7 Marianna, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Update. Rice Station Field Day, Aug. 13 Stuttgart, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Foliar Fungicides/ASR Update. Rohwer Field Day, July. 24 Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Tri-State Soybean Pathologist Tour. August 28. Pine Bluff, AR. to Monroe, LA. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Grain Sorghum Disease Identification. Rating Clinic & Tour, Aug. 8, Rohwer, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Soybean Disease Identification. Soybean Clinic & Tour. August 19. Wheatley, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Jefferson County Corn/Soybean IPM Clinic & Tour, Aug 21. Cornerstone, AR. Cooperative Extension Service, University of Arkansas.

**Coker, C.M., Jr.** 2008. Directed research in the areas of cotton foliar disease.

**Coker, C.M., Jr.** 2008. Directed research in the areas of cotton boll disease.

**Coker, C.M., Jr.** 2008. Directed research in the areas of soybean seedling disease.

**Coker, C.M., Jr.** 2008. Directed research in the areas of foliar soybean disease.

**Coker, C.M., Jr.** 2008. Directed research in the areas of field screening of RKN on soybean.

**Coker, C.M., Jr.** 2008. Directed research in the areas of foliar tomato disease.

**Coker, C.M., Jr.** 2008. Collaborated on research in the areas of foliar wheat disease.

**Coker, C.M., Jr.** 2008. Collaborated on research in the areas of rice sheath blight.

**Coker, C.M., Jr.** 2008. Collaborated on research in the areas of tomato root knot nematodes.

**Coker, C.M., Jr.** 2008. Collaborated on research in the area of foliar soybean disease.

**Coker, C.M., Jr.** 2008. Collaborated on research in the areas of RKN on cotton/soybean.

**Coker, C.M., Jr.** 2008. Collaborated on research in the areas of cucurbit diseases.



**Korth, K.L.** serves as a member of the Outreach and Education Component team for the USDA-funded RICECAP Project (2005-present). In addition to assisting with committee-wide planning and production of outreach materials, his other specific contributions in 2008 included oversight and collaborative production for a video podcast. The outreach materials and the podcast are available at: <http://www.ricecap.uark.edu/>.

**Korth, K.L.** Serves as the UA Division of Agriculture/Fayetteville campus-lead for the statewide NSF-funded EPSCoR Plant-Powered Production (P3) program.

**Korth, K.L.** *Medicago truncatula* responses to insect damage: As part of a collaborative project, we continue studies on insect responses in the model forage legume, *Medicago truncatula* study. We have continued studies of novel terpene synthase genes induced by insect damage and have continued a collaboration with Dr. Feng Chen at University of Tennessee-Knoxville. We are examining the role of calcium oxalate crystals in insect defense (in collaboration with Dr. Paul Nakata, USDA-ARS/ Baylor School of Medicine), and have continued these studies in soybeans. We have shown that crystal levels in leaves can be increased by exogenous plant treatments. We have completed microarray analysis of gene expression patterns to identify genes important for calcium oxalate formation.

**Korth, K.L.** *Regulation of the cytosolic isoprenoid biosynthetic pathway*: We continue research on regulation of sterol production in plants and analyzed mutant *Arabidopsis* lines with altered sterol levels. Transgenic rice lines have also been generated and will be analyzed for altered sterols.

**Vann, S.R.** 2008. Program Evaluation- In Service Training, Mt. Eagle/Clinton ,AR.

**Vann, S.R.** 2008. Plant Pathology/Entomology Ornamental Workshop- Kanuga, NC.

**Vann, S.R.** 2008. Agent Core Curriculum Training- (Plant Pathology Instr.) 2006-2008.

**Vann, S.R.** 2008. Arkansas Assn. of Cooperative Extension Specialists (AACES) - committee.

**Vann, S.R.** 2008. CAPS committee member-Introduced/invasive pest surveys/publication.

**Vann, S.R.** 2008. Creative Teaching/Learning Basics- In Service Training. Little Rock.

**Vann, S.R.** 2008. Lawn Care- In Service Training LRSO, Little Rock.

**Vann, S.R.** 2008. Maumelle Tree Board Chairman.

**Vann, S.R.** 2008. Science Fair Judge (Botany/Plant Science categories) - 12 yrs (weekend activity) at: CARSF March 1, 2008 Science Fair Judge- UA Medical Sciences Little Rock, Univ. of Central Arkansas-Science Department (Conway) April, 2008, and Little Rock Central High School, Little Rock.

**Vann, S.R.** 2008. Child Life Volunteer- Arkansas Children's Hospital, Little Rock.

**Vann, S.R.** 2008. Arkansas Christmas Tree Growers Field Day - “Branch Canker of Leyland Cypress” – Presentation.

## **POULTRY**

**Bramwell, R. K.** - Attended the SPSS International Scientific meetings, Atlanta, Georgia, January 21-22, 2008.

**Bramwell, R. K.** - Research Meeting with Alltech, Atlanta, GA, January 21, 2008.

**Bramwell, R. K.** - Research meeting on Sperm Storage Tubules with Cobb-Vantress, USDA Scientists, visiting scientists, Siloam Springs, AR, February 6, 2008.

**Bramwell, R. K.** - Breeder feed supplement research meeting with Alltech personnel, Fayetteville, AR, April 1, 2008.

**Bramwell, R. K.** - Breeder Hen Research planning meeting with Alltech, Fayetteville, AR, June 30, 2008.

**Bramwell, R.K.,** Attended the PSA annual meeting in Niagara Falls, Ontario, Canada, July 20-24, 2008.

**Bramwell, R.K.,** Breeder Feed Supplement Research planning meeting with Alltech, Fayetteville, AR, September 24, 2008.

Manangi, M. and **C. Coon.** 2008. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Proceedings for the Multi-State Nutrition Conference, Indianapolis, IN.

**Owens, C,** Co-editor of the 2<sup>nd</sup> edition of “Poultry Meat Processing” published by CRC Press. Expected publication date December 2009.

**Owens, C.,** Textbook for the area of poultry processing and products.

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

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

Manangi, M. and **C. Coon.** 2008. Phosphorus Retention: Ca: P ratio, calcium particle size, and phytase for poultry. Proceedings for the Multi-State Nutrition Conference, Indianapolis, IN.

# SCHOOL OF ARCHITECTURE

## **BOOKS PUBLISHED:**

Blackwell, Marlon, article, Phaidon Editors, The Phaidon Atlas of 21<sup>st</sup> Century World Architecture, Londo, England: Phaidon Press Limited, Pg. 660, November 2008. ISBN 978-0-7148-4874-7. *Blessings golf Clubhouse is featured as one of the top 1000 buildings in the World (out of 10,000 submissions) build to date in the 21<sup>st</sup> Century.*

Herman, Gregory, article, "Market Modular," in Expanding Architecture, Bryan Bell and Katie Wakeford, editors, 2008.

Herman, Gregory, profile, "Greg Herman," in Architecture at Rice: The Things they've Done, William T. Cannady, FAA, Rice University, 2008.

## **REFEREED ARTICLES AND PROCEEDINGS:**

Brittenum, Judy B., "John Rison Fordyce", accepted for publication, Encyclopedia of Arkansas, (ed. Nathania Sawyer), Little Rock, AR., May 2009.

Crone, John V., "Interdisciplinary Approaches to Education of Landscape Architecture Students: A Case Study", paper presented at Council of Educators in landscape Architecture (CELA), hosted by the University of Arizona, Tucson, AZ. Abstract published in conference proceedings, January 14-17, 2009. Abstract Published in conference proceedings.

Herman, Gregory, review of "Capturing Nature: The Cement Sculpture of Dionicio Rodriquez", by Patsy Pittman Light, in Arkansas Historical Quarterly, vol. LXVII, number 12, Spring 2009.

Smith , Korydon, Jennifer Webb, and Brent Williams, "Universally Designed Proto-House: Lessons from Arkansas?" *Ultimate Home Design* Vol.3, No.3, Iss.15, June 2008, pp. 50-55.

## **ARTICLES AND UNREFEREED PUBLICATIONS:**

Blackwell, Marlon, Articles in Professional Journals (featuring Projects and profiles): 2008  
Kolleeny, Jane, "Civic Buildings, People First: Gentry Library," *Architectural Record* (October 2008): 138 - 143 (*Gentry Public Library*)

Mays, Vernon, "On The Links," *Architect* (July 2008): 68 - 75 (*Blessings Golf Clubhouse*)

Fisher, Thomas, "Marlon Blackwell: Strangely Familiar," *Contract Magazine* (July 2008): 42 – 44 (*Blessings, L-Stack, Srygley Office Building, Masons on the Creeks*)

Broome, Beth, "The L-Stack House bridges city, nature and home," *Architectural Record* (July 2008): 170 - 173 (*L-Stack House*)

Hutchins, Shelly, “2008 Custom Home Design Awards,” *Custom Home* (May/June 2008): 75 (*L-Stack House*)

Richards, William, “The Instrumental and the Critical: Marlon Blackwell”  
**Inform**, Architecture+Design in the Mid-Atlantic, (June 2008: number 2) (*Porchdog Prototype House*)

Articles in Popular Design Magazines (featuring projects and profiles): 2008 Carroll, Diane, “A Creek Runs Through It,” *Metropolitan Home* (October 2008): 130 – 137(*L-Stack House*)

Crone, John V., “Costs Associated with On-street Bicycle Paths and Multi-Purpose Trails”. This paper was reviewed and accepted by Jack Buffington, head of the Mack Blackwell Rural Transportation Center and head of Civil Engineering, Kevin Hall, and forwarded to U.S. Congressman John Bozeman.

Hughes, Michael L., CITATIONS – Professional books + journals:

Sanjines, Camila, ed., “Trailerwrap”, REMATERIAL: When waste becomes Architecture. Parramon Publications. P. 172-181. Polito, Rick. “Upwardly Mobile Homes”, *Dwell Magazine*. October 2008, p. 178-180.

Sarpaneva, Pia, A partial citation of a previously published interview in *James Carpenter, Environmental Refractions* by Sandro Marpillero, Princeton Architectural Press, pp 20,21 (Original text: Interview with James Carpenter, Presence Symposium, Blacksburg, Virginia Tech, 1998).

Vitali, Davide, Article on Corviale Project, Berkeley University School of Architecture, to be published in 2009.

Vitali, Davide, Article on Luigi Moretti’s work, Regione Lazio, Rome, to be published in 2009.

### **RESEARCH REPORTS:**

Brittenum, Judy B., Garvan Woodland Gardens, Averill Master Plan, 2008-2009. Research, advisory, editorial oversight committee of five persons consulting with MESA Design Group, Dallas, TX., This endeavor was a two-year project. Publication, April, 2009.

Crone, John V., Continued work on, “A Cost-driven Policy Approach for Development of On-street and Off-Street Bicycle, Multi-Use and Single-Use Paths and Related Facilities.” (\$36,000 Mack Blackwell Transportation Center grant) July 08-July 09.

Smith, Korydon, “Universal Design Standards,” Global Universal Design Commission, December, 2008.

## **INVITED LECTURES**

Blackwell, Marlon

### ***Academic Lectures***

Virginia Tech University, Blacksburg, Virginia, Apr 2009  
Taliesin School of Architecture, Scottsdale, Arizona, Mar 2009  
MIT, Cambridge, Massachusetts, Mar 2008  
University of Philadelphia, Philadelphia, Pennsylvania, Mar 2009  
University of Cincinnati, Cincinnati, Ohio, Feb 2009  
University of Miami (Ohio), Miami, Ohio, Feb 2009  
Kansas State University, Manhattan, Kansas, Dec 2008  
University of North Dakota, Fargo, North Dakota, Nov 2008  
Oklahoma State University, Stillwater, Oklahoma, Sept 2008

### ***Professional Lectures:***

Sonoma County AIA, Santa Rosa, California, May 2009  
AIA Mississippi, Jackson, Mississippi, Mar 2009  
Minnesota State AIA Convention, Minneapolis, Minnesota, Nov 2008  
Tampa Bay AIA, Tampa, Florida, Oct 2008  
Tulsa AIA, Tulsa, Oklahoma, Sept 2008  
Tennessee AIA Convention, Nashville, Tennessee, July 2008

### ***Invited Design Awards Juries***

#### ***AIA Design Awards Juries:***

Alabama State AIA Design Awards Jury, Nov 2008  
Portland, Oregon AIA Design Awards Jury, Oct 2008  
Ohio State AIA Design Awards Jury, Sept 2008  
Tennessee State AIA Design Awards Jury [Chair], June 2008

### ***Invited Guest Critic for Design Reviews***

Washington University at St. Louis, grad reviews, December 2008  
Rennsleear Polytechnic Institute, 2<sup>nd</sup> year final reviews, December 2008

### ***Invited Visiting Professorships***

Ivan Smith Distinguished Professor, University of Florida (Spring 2009)

Boyer, Mark E., “Low Impact Development Stormwater Best Management Practices”, Waco, TX., EPA MS4 Conference, June 14-17, 2008.

Boyer, Mark E., “Letting it soak in: green roofs and permeable pavements”, Fayetteville, AR., Washington County Master Gardeners, July 1, 2008.

Boyer, Mark E., “Low Impact Development Stormwater Best Management Practices”, Little Rock, AR/. Arkansas Water Advisory Group Annual Conference, October 30-November 1, 2008.

Boyer, Mark E., “Alternative Stormwater Management Practices”, Denver, CO., EPA Region 6 & 8 Sustainable Water Forum, December 3, 2008.

Boyer, Mark E., “Sustainable Stormwater”, Fayetteville, AR., Fayetteville Newcomers Club, January 12, 2009.

Herman, Gregory, “Non-Lecture Teaching Methods: The Design Studio Environment,” University of Arkansas Teaching and Faculty Support Center Camp, July 2008.

Hughes, Michael L., Invited Jury Critic at University of Wisconsin, Milwaukee, WI, May 2009.

Hughes, Michael L., Invited Jury Critic at Texas Tech University, Lubbock, TX, April 2009.

Hughes, Michael L., Invited Jury Critic at University of Houston, Houston, TX, December 2008.

Hughes, Michael, L., Invited Jury Critic at University of Cincinnati, Cincinnati, OH, December 2008.

Smith, Carl, *New Urbanism: Old Landscape Story*, 23<sup>rd</sup> October 2008, Arkansas Chapter of the American Planning Association (APA) and Arkansas Chapter of the American Society of Landscape Architects (ASLA), Fayetteville, Arkansas. The *keynote* lecture at the joint Fall conference, dealing with the challenges of delivering high quality, sustainable greenspace within a context of increasing urban densification. The lecture was broadcast to the general public via the *City 16 Local Government Channel* TV Station.

Smith, Carl, *Residential Landscape Sustainability*, 29<sup>th</sup> July 2008, East Midlands Branch of The Landscape Institute, Nottingham, UK. A presentation to fellow professionals on the technical aspects of achieving sustainability in housing landscapes.

Smith, Korydon, “Housing and Social Trends in Arkansas.” Invited lecture at Bentonville-Bella Vista Rotary. Rogers, AR, 29 October 2008.

Smith, Korydon, “Developing and Implementing the Arkansas Usability Standards in Housing.” Invited lecture at the Universal Design Summit III, St. Louis University, St. Louis, MO, 22 and 23 September 2008.

Smith, Korydon, “Community of Choice,” Wal-Mart, Inc. Bentonville, AR. 18 June 2008. Invited forum at Wal-Mart, Inc. w/ other Fortune 500 companies regarding employment and housing for people with disabilities.

Vitali, Davide, Philadelphia University at the American University of Rome, Italy, March 2009.

Vitali, Davide, University of Arkansas Fay Jones School of Architecture, Commencement Address, Fayetteville, Arkansas, May 2009.

Vitali, Davide, Yale University Rome Program, Rome, Italy, May 2009.

## **REFEREED SCHOLARLY PAPER PRESENTATIONS:**

Brittenum, Judy B., “Leadership by Design: Developing a Student Leadership program”, co-author with Laura M. Terry. Council of Educators in Landscape Architecture, 2008-2009, Tucson, AZ.

Herman, Gregory, “A Mule, A Plow and A House: The Architecture of Arkansas”, Plum Bayou Houses,” Annual Meeting, Southeast Society of Architectural Historians, Greensboro, NC, October 2008.

Herman, Gregory, “Image and Reality: the WPA’s Farm Security Administration Photos and the Resettlement Project in Arkansas,” Annual Meeting, American Culture Association, New Orleans, LA, April 2009.

Hughes, Michael L., Schneider, P., Van Vliet, W., and Wrightsman, B., “Design Outreach: The TrailerWrap Project.” Association of Collegiate Schools of Architecture National Meeting, Portland, OR. Peer reviewed project presented at the conference and published in the proceedings.

Hughes, Michael L. “Constructing a Cross-Disciplinary Introduction.” 2009 National Conference on the Beginning Design Student, Baton Rouge, LA. Peer reviewed paper presented at the conference and published.

Hughes, Michael L., Schneider, P., Van Vliet, W., and Wrightsman, B., “TrailerWrap: Reconstructing Home.” Association of Collegiate Schools of Architecture NE Conference “Without a Hitch”, Amherst, MA. Peer reviewed project presented at the conference, published in the proceedings, selected as one of four “Best Conference Papers” and showcased in a special session at the 2009 ACSA National Conference.

Sexton, Kim S., “Framing Heterotopic Space: Late Medieval Loggia and Image”, College Art Association, Los Angeles, CA, February 26, 2009

Smith, Carl.; Clayden, A. & Dunnett, N. (2008). *A consideration of the sustainability of residential greenspace in the UK*. Abstracts for Oral and Poster Presentations. ECLAS ALNARP 2008. New Landscapes – New Lives. New Challenge in Landscape Planning, Design and Management. 20<sup>th</sup> Conference of European Schools of Landscape Architecture. Faculty of Landscape Planning, Horticulture and Agricultural Science, Swedish University of Agricultural Sciences, Alnarp, Sweden. September 11 – 14 2008. p 60.

Smith, Carl.; Clayden, A. and Dunnett, N. (2009) '*An Exploration of the Effect of Housing Unit Density on Aspects of Residential Landscape Sustainability in England*'. Journal of Urban Design. 14. 2. pp 163 — 187.

Smith, Korydon, Jennifer Webb, and Brent Williams, “Redefining Equality in Housing in the South: The Design of the Arkansas Proto-House”, Paper presented at the 39<sup>th</sup> Annual Conference of the Environmental Design Research Association, Veracruz, Mexico. May 2008.

Terry, Laura M., “Leadership by Design: Developing a Student Leadership program”, with Associate Professor Judy Brittenum at the CELA Conference, January 2009.

### **CREATIVE WORK:**

Blackwell, Marlon

A. Works in Progress, On Hold, and Built Commissions:

*In Progress* Green River Community Center, Green River, Utah (*schematic design*)  
10,000 sq.ft. community center and pocket park in the downtown.

Walker Residence, Fayetteville, AR (*construction documents*)  
*an affordable 2500 sq.ft. residence for a young family in an established suburban neighborhood.*

Indianapolis Museum of Art Visitors Pavilion (*under construction*) *entry pavilion for the Virginia B. Fairbanks Art and Nature Park.*

Porchdog Prototype House, Biloxi, MS (*under construction*) *a post-Katrina 1500 sq.ft. single-family house.*

St. Nicholas Orthodox Church, Springdale, AR (*under construction*) *Renovation of 3000sq.ft. existing metal building into a new sanctuary and fellowship hall with masterplan for future 7000sq.ft sanctuary.*

Blair Pavilion and Sculpture Garden, Fayetteville, AR (*under construction*) *a space for entertaining and enjoying their sculpture collection and the natural environment.*

*On Hold* Locust St Condominiums, Fayetteville, AR (*schematic design*) *six unit condominium with approximately 1000 sq.ft. per unit, situated on a downtown infill site.*

Albertsons Residence, Fayetteville, AR (*bidding and negotiations*) *a residence born of the tension between public and private identity.*

*Built* Wedington Liquor and Cigar Shop, Fayetteville, AR (completed Oct 2008) *5,000 sq. ft. interior fit-out with inventive display elements.*

Brya, E. Rich, Jones Residence, Fayetteville, AR., completed 2008.

Brya, E. Rich, Gallery House, Bentonville, AR., completed 2009.

Crone, John V., Continuing Sabbatical work on Roosevelt Farm Communities with a comparison of contemporary planning efforts to reintegrate agriculture and community.

Hughes, Michael L., Springer Residence, Schematic Design, West Fork, AR.



Sarpaneva, Pia, *Soundings for Architecture 7: VIVID VOIDS*, June 2008. International workshop for discourse in architecture, Alvar Aalto Academy, Jyväskylä, Finland Commissioned to define the conceptual framework and direct the workshop. Fourteen European architects were invited to investigate the fractured urban fabric in Jyväskylä and propose improvement solutions. Participants worked in collaboration with the Jyväskylä City Planning Office and produced four urban project scenarios that were presented to the city. A publication will follow.

Smith, Carl, 'Starseeds' Land Art Project, Old Main Lawn, University of Arkansas, Fayetteville, Arkansas, USA, October 2008 – May 2009.

This involved the conceptualization, design and construction of a distinctive, site-sensitive, temporary land-art piece for the University of Arkansas campus. The piece was designed in collaboration with local landscape designer Stuart Fulbright, and constructed by myself, Stuart, and Chaim Goodman-Strauss (Chair of the Mathematics Department). Permission to build involved negotiation and liaison with the Facilities Management Office and the Campus Grounds Committee, before final approval was given by the University Chancellor. The construction program included an 'open day' where students of landscape architecture, mathematics and fine art, as well friends and family, could contribute to the assembly of Starseeds. The piece was in place from December 2008 until the end May 2009. Starseeds attracted significant media attention including:

December 12<sup>th</sup> 2008 – *Five News* (local CBS Affiliate), television montage;

December 12<sup>th</sup> 2008 – *40/29 KHOG Local News*, television report and interview;

December 13<sup>th</sup> 2008 – *KUAF 91.3*, radio interview for *Ozarks at Large*;

December 18<sup>th</sup> 2008 – *Giant 'eggs' land near Old Main as winter display* by Tracie Dungan & Jason Ivester, *Arkansas Democrat Gazette*. Cover and p 6.

December 26<sup>th</sup> 2008 – *Seeds of Creativity* by Steve Schmidt & Anthony Reyes, *What's Up, Northwest Arkansas Times Supplement*. Cover and pp 12 – 14.

February 13<sup>th</sup> 2009 – *Art Installation Brightens Winter Arboretum* by Sara Sullivan & Eugene Sargent, *The Morning News, Weekend Supplement*. Cover and p 8.

February 2009 – 'photo-spread' by Eugene Sargent in: *Vista*. February 2009. pp 4 -5.

Terry, Laura M.,

Awarded painting commission for a piece entitled "metamorphosis" for the SCAD 30/30 competition in celebration of 30 years of the Savannah college of Art and Design, November 2008.

Accepted into *Studio Visit Magazine*, a national juried exhibit in print. Juror: Carl Belz, Director Emeritus of the Rose Art Museum, November 2008.

Artwork entitled: Aurora's First Arrival" included in the Arkansas Artists Calendar, 84 selected from over 320 entries, Fall 2008.

Vitali, David,

Addition to Hotel De Petris Rome, Architecture and Interior Design, Rome, Italy, completed, March 2009.

Landscape Architecture for Private Residence, Mr. and Mrs. Ruggiero, Cervara di Roma, Rome, completed, April 2009.

Renovation and Interior Design for Ms. Diletta Corsi's Residence, Via della Panetteria, Rome, under construction.

Renovation and Interior Design, Farmacia lampiconi, Mentana, Rome, in design phase.

### **HONORS OR AWARDS RECEIVED:**

Blackwell, Marlon

### **AWARDS AND HONORS:**

#### *A.I.A. Design Awards:*

A.I.A./ALA Library Design Award, *Gentry Public Library, Jan 2009 (national)*

Gulf States Regional A.I.A. Honor Award, *Gentry Public Library, Apr 2009*

Gulf States Regional A.I.A. Honor Award, *Fulbright Office Building, Apr 2009*

Arkansas State AIA Honor Award, *Gentry Public Library, Oct 2008*

Arkansas State AIA Honor Award, *Fulbright Office Building, Oct 2008*

#### *Honors:*

Inducted as Fellow in the American Institute of Architecture (FAIA) May 2009 (**national honor**)

### **EXHIBITIONS:**

"*World Architectural Festival*", Barcelona, Spain (August – October 2008) (*Blessings Golf Clubhouse exhibited*)

Boyer, Mark E., Landscape Architecture, Howell and Vancuren Outstanding Faculty Teaching Award, 2008-2009.

Boyer, Mark. E., Inducted into the University of Arkansas Teaching Academy, 2008.

Brittenum, Judy B., Grant: School of Architecture internal grant, August 2008, Leadership By Design Workshop, with three other faculty members: Laura Terry, Mark Boyer, and Kory Smith. Devised and assisted student mentors for the class and students in leadership roles in the School with information and skills in design leadership for freshmen.

Brittenum, Judy B., Honorary Appointments:

American Society of Landscape Architects committee (to nominate and choose slate of national officers for the organization, 2009, Philadelphia, PA.

Appointment to national Board of Trustees ASLA, Trustee from Arkansas Chapter of ASLA, Philadelphia PA, national meeting, October 2008.

National ASLA Professional Practice Committee and Academic Sub-Committee, chosen to revise national core curriculum for the discipline, 2008-2010. Editorial submittals to John Wiley and sons for common professional practice textbook, 2008-2009.

Herman, Gregory,

AIA 2008 Honor Award, (Team Member), “Visioning Rail Transit in Northwest Arkansas: Lifestyles and Ecologies,” with University of Arkansas Community Design Center.

NCARB Prize, (Team Member), “visioning Rail Transit in Northwest Arkansas,” with University of Arkansas Community Design Center.

Stipend with attendance, University of Arkansas Teaching and Faculty Support Center Camp, \$400.

Teaching and Faculty Support Center “Hot Teacher,” profile in University of Arkansas Teaching and Faculty Support Center newsletter and announcement in University Daily Headlines, October 2008.

Hughes, Michael L. 2008-2009 ACSA Collaborative Practice Award for Design Outreach: The TrailerWrap Project. Principal Investigators – Professor M. Hughes and W. Van Vliet, Faculty Team – Prof P. Schneider and B. Wrightsman. One of four awards given in a national competition.

Hughes, Michael L. – Funded Projects

\$85,000 (est) for the PreFab House. This is a design-build collaboration with the Downtown Little Rock Community Development Corporation set to begin in the fall of 2009.

\$25,000 for the Outdoor Class Design-Build Project at Washington Elementary School, Starr Family Foundation.

Smith, Korydon,

Diversity in the Curriculum Grant, “Diversity + Design,” Awarded by the University of Arkansas Office of Institutional Diversity and Education for the development of an undergraduate general education course on the relationship between diversity and design. Summer 2008.

Certificate of Recognition, Arkansas Department of Human Services, for “Improving the lives of seniors and adults with disabilities in Arkansas” as part of the Affordable Housing with Long Term Support Work Group, awarded 12 September 2008.

Ralph O. Mott Outstanding Faculty Teaching Award, Department of Architecture, University of Arkansas, Fall 2008.

Terry, Laura M., 2008 John A. White Award for Faculty-Student Collaboration for the Camp Aldersgate Design Build Program.

Turner, Alison,

Kiely/Turner Residence Addition /Renovation, Santa Cruz California, construction to begin Summer 2009.

Forest Heights Residence, Fayetteville, Arkansas, in design.

# **J. WILLIAM FULBRIGHT COLLEGE OF ARTS AND SCIENCES**

## **ANTHROPOLOGY**

### **BOOKS:**

**Erickson, Kirstin.** 2008. *Yaqui Homeland and Homeplace: The Everyday Production of Ethnic Identity*. Tucson: University of Arizona Press.

**Mainfort, Robert C., Jr.** 2008. *Sam Dellinger, Raiders of the Lost Arkansas*. University of Arkansas Press.

### **CHAPTERS:**

**D'Alisera, JoAnn.** "Images of a Wounded Homeland: Sierra Leonean-American Children and the New Heart of Darkness," In *Across Generations: Immigrant Families in America*. New York: New York University Press. Nancy Foner (ed.) May, 2009.

**Kay, Marvin.** "Clam Lagoon Archaeology & Technology," In *Central Aleutian Island Paleoecology Project*, Dixie L. West lead ed .and sponsored by Office of Polar Programs, National Science Foundation, 2008.

**Kvamme, K. L.** "Remote Sensing: Archaeological Reasoning through Physical Principles and Pattern Recognition", In *Archaeological Concepts for the Study of the Cultural Past*, A.P. Sullivan III, ed., University of Utah Press, Salt Lake City, pp. 65-84 2008.

**Mainfort, Robert C., Jr.** "Two Late Nineteenth-Century Cemeteries in Northwest Arkansas: A Study in Contrasts." *Arkansas Historical Quarterly*, Winter 2008.

**Nolan, Justin M.** and Nancy J. Turner. Ethnobotany: "The Study of People-Plant Relationships." *Ethnobiology: A Student Reader*, Eugene Anderson, ed. New York: Wiley and Sons. 2009.

**Nolan, Justin M.** 2009. Timberland Barbeque Traditions in North Louisiana and South Arkansas. *The Slow and The Slow Cooked: Anthropology of Mid-South Barbeque*, James Veteto and Tim Maclin, eds. Nashville: Vanderbilt University Press.

**Nolan, Justin M.** and **Mary Jo Schneider.** Medical Tourism and Health Seeking through Recreational Travel in Rural Arkansas' Ozark and Ouachita Mountains. In *Medical Tourism: Specific Country Experiences*, J. Bose and B. Sumathi, eds.. Icfai University Press, Hyberadad, India.

FitzGerald, Charles M. and **J.C. Rose**. 2008 Reading between the lines: Dental Development and Subadult Age Assessment using the Microstructural Growth Markers of Teeth. In: Katzenberg, M. A. and Saunders, S.R. (eds) *Biological Anthropology of the Human Skeleton* (2<sup>nd</sup> Ed.). Pp. 237-263. Wiley-Liss, Hoboken, NJ.

**Rose, J.C.** and Eric Crubézy 2008 Physical Anthropology. Introduction. In: B. Midant-Reynes and Y. Tristant (eds) *Egypt At Its Origins 2: Proceedings of the International Conference "Origin of the State. Predynastic and Early Dynastic Egypt"*, Toulouse (France), 5th-8th September 2005. Pp. 243-247. Uitgeverij Peeters, Leuven.

Teaford, M.F.; Kay, R.F.; **Ungar, P.S.** Molar shape and molar microwear in the Koobi Fora monkeys: Ecomorphological Implications. In *KOOBI FORA PROJECT, VOLUME VI, MONKEYS*. Jablonski, N. and Leakey, M.G., eds. San Francisco, California Academy of Sciences, pp. 337-358, 2008.

**Ungar, P.S.**; Bunn, J. Primate dental topographic analysis and functional morphology. *DENTAL ANTHROPOLOGY*. Irish, J.D. and Nelson, G.C. eds. Cambridge, Cambridge University Press, pp. 253-265, 2008.

**Ungar, P.S.**; Scott, R.S.; Scott, J.S.; Teaford, M.F. Dental microwear analysis: historical perspectives and new approaches. *DENTAL ANTHROPOLOGY*. Irish, J.D. and Nelson, G.C. eds. Cambridge, Cambridge University Press, pp. 389-425, 2008.

Bunn, J.M.; **Ungar, P.S.** Dental topography and diets of four Old World monkey species. *AMERICAN JOURNAL OF PRIMATOLOGY*, 71:466-477, 2009.

**Ungar, P.S.**; Tobias, P.V. "Time, the refreshing river": An academic genealogy extending nearly half a millennium. To be published in *AFRICAN GENESIS: PAPERS IN HONOUR OF PHILLIP V. TOBIAS*. Reynolds, S. and Gallagher, A., eds. Johannesburg, University of the Witwatersrand Press.

Krueger, K.L; Scott, J.R.; **Ungar, P.S.**; Kay, R.F. Comparisons of dental microwear texture attributes between facets in three primate taxa. *AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY*. Supplement #46, 2008.

**Ungar, P.S.**; Scott, R.S. Investigating the importance of fallback foods in early hominins using dental microwear. *AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY*. Supplement #46, 2008.

Teaford, M.F.; Grine, F.E.; Kay, R.F; Schubert, B.S.; **Ungar, P.S.** Low magnification dental microwear: The problem of postmortem artifacts. *JOURNAL OF VERTEBRATE PALEONTOLOGY* Volume 28, Supplement A:151.

Krueger, K.L.; **Ungar, P.S.** Incisor microwear textures of five bioarcheological groups. *AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY*. Supplement #48, 2009.

Scott, R.S.; Teaford, M.F.; **Ungar**, P.S. Dietary diversity and dental microwear variability in *Theropithecus gelada* and *Papio cynocephalus*. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #48, 2009.

Nakatsukasa, M.; Ikarashi, T.; Shimizu, D.; Teaford, M.F.; **Ungar**, P.S.; Kunimatsu, Y. Adaptations of *Microcolobus* discovered from Nakali, Kenya. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #48, 2009.

### **REFEREED ARTICLES:**

**Casana, Jesse.** 2009. "Alalakh and the archaeological landscape of Mukish: The political geography and population of a Late Bronze Age kingdom," *Bulletin of the American Schools of Oriental Research* 353: 7-37.

**Casana, Jesse.** 2008. "Mediterranean Valleys revisited: Linking soil erosion, land use and climate variability in the northern Levant," *Geomorphology* 101 (3): 429-42.

**Casana, Jesse,** and Jackson Cothren. 2008. "Stereo analysis, DEM extraction and orthorectification of CORONA satellite imagery: Archaeological applications from the Near East," *Antiquity* 82: 732-49.

**Casana, Jesse,** Jason T. Herrmann and Aaron Fogel. 2008. "Deep subsurface geophysical prospection at Tell Qarqur, western Syria," *Archaeological Prospection* 15: 1-19.

**Casana, Jesse,** Hussein Qandil and Jason T. Herrmann. 2009. "Settlement history in the eastern Rub al-Khali: Preliminary report of the Dubai Desert Survey (2006-2007)," *Arabian Archaeology and Epigraphy* 20: 30-45.

**Casana, Jesse,** Jason T. Herrmann and Aaron Fogel. 2008. "Deep subsurface geophysical prospection at Tell Qarqur, western Syria," *Archaeological Prospection* 15: 1-19.

**Casana, Jesse.** 2008. "Mediterranean Valleys revisited: Linking soil erosion, land use and climate variability in the northern Levant," *Geomorphology* 101 (3): 429-42.

**Casana, Jesse,** and Jackson Cothren. 2008. "Stereo analysis, DEM extraction and orthorectification of CORONA satellite imagery: Archaeological applications from the Near East," *Antiquity* 82: 732-49.

Ernenwein, E. G. and **K.L. Kvamme.** (2008) Data Processing Issues in Large Area GPR Survey: Correcting Trace Misalignments, Edge Discontinuities and Striping. *Archaeological Prospection* 15:133-149.

Tullis, J., J. Cothren, D. Irwin, C. Yeager, **W.F. Limp**, J. Wilson, B. Gorham, S. Ogle. 2007 Yearly Extraction of Central America's Land Cover for Carbon Flux Monitoring. *GIScience and Remote Sensing*. Vol. 44, No. 4. (December 2007), pp. 334-355.  
Cothren, J. C. Goodmaster, A. Barnes, E. Ernenwein, A. Vranich, **W.F. Limp**, A. Payne

Submitted Fusion of 3-dimensional data at Tiwanaku: An approach to spatial data integration, *Proceedings of the 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*.

Cothren, J., D. Frederick, **W.F. Limp**, T. deNoble, A. Barnes, C. Goodmaster, C. Stevens  
Submitted Visualizing the Roman City: Viewing the past through multidisciplinary eyes.  
*Proceeding of The 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past*.

Cothren, J., D. Frederick, **W.F. Limp**, T. deNoble, A. Barnes, C. Goodmaster, C. Stevens 2008  
Visualizing the Roman City: Viewing the past through multidisciplinary eyes. Paper presented at  
*The 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past*. Page 75.

Cothren, J. C. Goodmaster, A. Barnes, E. Ernenwein, A. Vranich, **W.F. Limp**, A. Payne  
2008 Fusion of 3-dimensional data at Tiwanaku: An approach to spatial data integration, *Paper presented at the 36th Annual Conference on Computer Applications and Quantitative Methods in Archaeology, On the Road to Reconstructing the Past*. Page 180

**Kay, Marvin**, Wood, W. Raymond, A Celebration. *Plains Anthropologist* 54(210):97. Peer-reviewed journal article.2009.

**Plavcan, J. Michael** and Ruff, Christopher B. (2008) Canine size, shape and bending strength in primates and carnivores. *American Journal of Physical Anthropology*. 136:65-84.

**Plavcan, JM** (2008) Comparison of hominin dimorphism using different techniques, and their impact on behavioral reconstructions. *Am. J. Phys. Anthropol. Supp.* 46: 173.

**Plavcan, JM**, and Lockwood, CL (2008) Combining phylogeny and comparative analysis to test models of hominin behavioral evolution. *Int. J. Prim.*

**Plavcan, J**, and Lockwood, Charles (2008) Modeling early hominid behavioral evolution. *J. Vert. Paleo.* 28 (3) Supp. 127A-128A.

**Plavcan, J**, A Gordon, L Lague (2009) Comparative analysis of 3-D measures of postcranial dimorphism in primates. *Am. J. Phys. Anthropol. Supp* 48: 212-213.

**Plavcan, JM**, Ward, CV, Manthi, FK (2009) New hominin fossils from Kanapoi, Kenya, and the mosaic evolution of canine reduction in early hominins. *Paleoanth.*

Ward, CV, **Plavcan, JM**, Begun, DR, Kordos, L (2009) Pelvic form and hip joint function in anthropoids with implications for *Rudapithecus*: 3D analysis of continuous surface data. *Paleoanth.*



**Sabo, George, III.** Rock Art and the Study of Ancient Religion in Southeastern North America. In *Religion, Archaeology, and the Material World*, edited by Lars Fogelin (pp. 279-296). Center for Archaeological Investigations, Occasional paper No. 36. Southern Illinois University, Carbondale (2008).

**Sabo, George, III.** The Ritual Use of Cave and Rock Shelters in Ozark Prehistory, by George Sabo III, Jerry E. Hilliard, and Jami J. Lockhart. In *Journeys into the Dark Zone: A Cross Cultural Perspective on Caves as Sacred Spaces*, edited by Holley Moyes (2009, University Press of Colorado).

**Sabo, George, III.** Woodland Period Shell-Tempered Pottery in the Central Arkansas Ozarks, by George Sabo III and Jerry E. Hilliard. *Southeastern Archaeology* 27(2):164-171 (Spring, 2009).

**Swedenburg, Ted.** “Bad Rap for a Neck Scarf?” As You See It feature for *International Journal of Middle East Studies* 41 (May) 2009, pp. 184-185.

Krueger, K.L.; Scott, J.R.; **Ungar, P.S.**; Kay, R.F. Comparisons of dental microwear texture attributes between facets in three primate taxa. Presented at the 2008 Annual Meeting of the American Association of Physical Anthropologists, abstract published in AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #46, 2008.

Teaford, M.F.; Grine, F.E.; Kay, R.F.; Schubert, B.S.; **Ungar, P.S.** Low magnification dental microwear: The problem of postmortem artefacts. JOURNAL OF VERTEBRATE PALEONTOLOGY Volume 28, Supplement A:151.

Scott, J.S.; Godfrey, L.R.; Jungers, W.L.; Scott, R.S.; Simons, E.L.; Teaford, M.F.; **Ungar, P.S.**; Walker, A. Dental microwear texture analysis of Megaladapids and Archaeolemurids. To be published in the JOURNAL OF HUMAN EVOLUTION, 56:405-416, 2009.

Grine, F.E.; **Ungar, P.S.**; Teaford, M.F.; El Zaatari, S. Molar microwear evidence for diet in a purported hominin species lineage from the Pliocene of East Africa. To be published in AFRICAN GENESIS: PAPERS IN HONOUR OF PHILLIP V. TOBIAS. Reynolds, S. and Gallagher, A., eds. Johannesburg, University of the Witwatersrand Press.

#### **NON-REFEREED ARTICLES AND REPORTS:**

**Brubaker, Robert P.** Regional perspectives on Megalithic landscapes: investigating the socio-political dimensions of Late Prehistoric sites in central Karnataka and west Andhra Pradesh, India. *Antiquity* (Online Project Gallery).  
<http://www.antiquity.ac.uk/ProjGall/brubaker/index.html>.

Dornemann, R. and **J. Casana.** “Interim Report of Excavations at Tell Qarqur, 2005-2006,” *Chronique Archéologique en Syrie* (2008)

**Casana, Jesse.** “Trends in settlement history at Tell Qarqur and the lower Orontes River Valley,” *Studia Orontica IV: Etudes archéologiques et historiques*. Ministry of Culture, Directorate General of Antiquities and Museums, Damascus, Syria.

**Kvamme, K. L.** *Geophysical Investigations at fort Pierre Chouteau, South Dakota, 2007*. Submitted to South Dakota State Historical Society of, Pierre.

**Kvamme, K. L.** *Final Report: Geophysical Investigations at Cougar Bar Village (10NP464), Idaho, 2006-2007*. Report submitted to the Idaho State Historic Preservation Office, Boise.

**Kvamme, K. L.** *Preliminary Report of Geophysical Investigations in the Vicinity of the Simon Clovis Cache, Idaho*. Report submitted to the Idaho State Historic Preservation Office, Boise.

**Kvamme, K. L.** *Final Report of Geophysical Investigations in the Vicinity of the Simon Clovis Cache, Idaho*. Report submitted to the Idaho State Historic Preservation Office, Boise.

**Kvamme, K. L.** *Final Report of Geophysical Investigations at 10EL217, Near Bancroft Springs, Idaho*. Report submitted to Idaho Power Company, Boise. (January 2009).

**Kvamme, K. L.** *Preliminary Results on Geophysical Surveys at the Kimball Site (13PM4)*. Submitted to the Office of the State Archaeologist, Iowa City (March 2009).

**Kvamme, K. L.** *Magnetic Gradiometry Investigations at Chief Looking’s Village (32BL3), North Dakota*. Submitted to PaleoCultural Research Group & State Historical Society of North Dakota (April 2009).

**Kvamme, K. L.** *Geophysical Investigations at Redbird Beach (10NP55), Idaho*. Submitted to Idaho State Historic Preservation Office, Boise (May 2009).

**Kvamme, K. L.** *Final Report of Geophysical Surveys at the Kimball Site (13PM4)*. To be submitted to the Office of the State Archaeologist, Iowa City (June 2009).

**Limp, W. F.** *Final report to Mellon Foundation*. Archaeoinformatics Project. December 2008.

**Swedenburg, Ted.** Book review of Barbara Board, *Reporting from Palestine 1943-1944*. *Journal of Palestine Studies*, Spring 2009 (Vol. 38, No. 3).

**Swedenburg, Ted.** “The Representation of Politics and the Politics of Representation: Historicizing Palestinian Women's Narratives,” Conversation with Sherna Berger Gluck and Ted Swedenburg, in *Living with Stories: Telling, Re-telling, and Remembering*, ed. William Schneider, Utah State University Press, 2008.

**Ungar, P.S.;** Grine, F.E.; Teaford, M.F. Dental microwear indicates that *Paranthropus boisei* was not a hard-object feeder. *PUBLIC LIBRARY OF SCIENCE (PLoS)*, ONE, 3 (4), e2044:1-6, 2008.

**Ungar, P.S.** Strong Teeth, Strong Seeds. NATURE 452:703-705, 2008.

Krueger, K.L.; Scott, J.R.; Kay, R.F.; **Ungar, P.S.** Technical Note: Dental microwear textures of “Phase I” and “Phase II” facets. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY, 137, 485-490, 2008.

**Ungar, P.S.** Introductory Essay for the Spring 2009 issue of RESEARCH FRONTIERS. (Spring, 2009).

**Ungar, P.S.** Introductory Essay for the Spring, 2009 issue of FULBRIGHT COLLEGE REVIEW.

### **INVITED LECTURES:**

**Brubaker, Robert P.** *Archaeological Research at the Medieval South Indian Capital of Vijayanagara*, talk presented at the Ko-Ko-Ci Chapter of the Arkansas Archaeological Society, 24 February 2009.

**Brubaker, Robert P.** *City of Victory: Investigating Processes of Urban Development at the Early South Indian Imperial Capital of Vijayanagara*, colloquium presented at the Department of Anthropology, University of Arkansas, 16 October 2008.

**Casana, Jesse.** “CORONA Archaeological Atlas of the Middle East” *Computer Applications and Quantitative Methods in Archaeology Conference* Williamsburg, VA (March 2009)

**Casana, Jesse.** “Geophysical Survey at Zincirli Hoyuk, Southern Turkey” Poster Presentation at *Computer Applications and Quantitative Methods in Archaeology Conference* Williamsburg, VA (March 2009) Co-Authored with Jason T. Herrmann.

**Casana, Jesse.** “Archaeological Investigations at Saruq al-Hadid: An Iron Age Metal Production Site in Dubai’s Inland Desert” *Second International Conference on Archaeology in the UAE*, Abu Dhabi (February 2009) Co-Authored with Hussein Qandil and Jason T. Herrmann.

**Casana, Jesse.** Invited talk on the use of CORONA satellite imagery in archaeology and a class lecture on the intersection of archaeological and ancient texts at Bennington College, Vermont. November 2008

**Copeland, Nick.** *Mayan Politics in the Age of Neoliberalism*. University of Arkansas, Fayetteville. Department of Anthropology. 2008

**D’Alisera, JoAnn.** “Sanctifying City Space: The Making Sierra Leonean Muslims in the Washington, D.C. Metropolitan Area,” ESRC (Economic and Social Science Research Council) End-of-Award Conference, Topic: Beyond Plurality in the African Diaspora: Ethnicity, Congregation, Networking and Citizenship, Keele University, England, September 25-27, 2008.

**D'Alisera, JoAnn.** "*Seeing Muslim Women Through the Lens of 9/11*," Invited Lecture, Women's Studies Program, Minnesota State University Moorhead, Moorhead, Minnesota, October 27-29, 2008

**Erickson, Kirstin C.** "Preparing for Fieldwork" - presentation for NASA (National Association for Student Anthropologists) Mentoring Panel. AAA Annual Meeting, San Francisco CA. November 2008.

**Erickson, Kirstin C.** *Fieldwork in the Interior: Studying the Production of Vernacular Space.* Invited lecture, University of Arkansas Interior Design, Studio 3. September 2008.

**Erickson, Kirstin C.** "*Triumph over a uniform(ed) existence*": *Diverse Experiences of Native American Students at Chilocco Indian Agricultural School.* University of Arkansas 15<sup>th</sup> Annual Native American Symposium "Book Forum" review and lecture, featuring *They Called It Prairie Light: The Story of Chilocco Indian School*, by K. Tsianina Lomawaima. November 2008.

**Erickson, Kirstin C.** "Race Relations in Latin America: Perspectives from Mexico, Brazil, Belize." Presentation given to Belize service-learning class, April 2009.

Steve Boles and **Marvin Kay**. Relating the Dr. Riser-Healy "Cache" to the Colby Complex. Symposium on George C. Frison and Plains Archaeology. 66<sup>th</sup> Annual Plains Anthropological Conference, Laramie, Wyoming, October 3, 2008.

Matthew E. Hill, Danny N. Walker and **Marvin Kay**, chairs. Symposium on George C. Frison and Plains Archaeology. 66<sup>th</sup> Annual Plains Anthropological Conference, Laramie, Wyoming, October 3, 2008.

**Marvin Kay**. No stone unturned: A fond reflection of Stan Ahler's interests in lithic technology. Symposium on Pattern and Variety in Plains Village Archaeology: Papers in Honor of Stanley A. Ahler. 66<sup>th</sup> Annual Plains Anthropological Conference, Laramie, Wyoming, October 2, 2008.

Jerry McDonald, Jim Wiederhold, and **Marvin Kay**. The pre-Clovis tool inventory at SV-1 and SV-2, Saltsville, Virginia. Poster, Session 9, Southeastern Archaeological Conference, Charlotte, North Carolina, November 13, 2008.

**Kenneth L. Kvamme** Director of Arizona State University field school in archaeological geophysics, Kampsville, Illinois, June 15-26.

**Kenneth L. Kvamme.** "Remote Sensing at Double Ditch and other Sites in the Great Plains," presented to the combined Arizona State University Field Schools, Kampsville, Illinois, July 3.

**Kenneth L. Kvamme.** "Archaeological Predictive Modeling in the USA," Opening lecture in the conference. "A Misura D'Uomo, "Comune di Casena, Italy, November 28.

**Limp, Fredrick W.** *The future of geo-informatics.* Presentation to the National Research Council's Board on Earth Sciences. Newport Beach CA. December 2008.

Simon, K. M., A. Payne, K. Cole, C. Smallwood, C. Goodmaster and **W. F. Limp** Beyond Cabinets of Curiosity? Analysis Potential in 3D Laser Scanning and Virtual Museums. Paper presented at *The 37th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, Making History Interactive, Williamsburg, VA, March 2009.

Smallwood, S., A. Payne, K. Simon, C. Goodmaster, **W.F. Limp** and J. ‘Cothren Lighting Systems in Three Dimensional Non-Contact Digitizing, Paper presented at *The 37th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, Making History Interactive, Williamsburg, VA, March 2009.

Payne A., K. Cole, K. Simon, C. Goodmaster and **W.F. Limp** Designing the Next Generation Virtual Museum: Making 3D Artifacts Available for Viewing and Download. Paper presented at *The 37th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, Making History Interactive, Williamsburg, VA, March 2009.

**Limp, W. F.** The role of technical, operational and conceptual specifications in the development of digital archaeological archives: the Digital Antiquity initiative. Paper presented at *The 37th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, Making History Interactive, Williamsburg, VA, March 2009.

**Limp, W. F.** Towards a strategy for evaluating heritage visualizations. Paper presented at *The 37th Annual Conference on Computer Applications and Quantitative Methods in Archaeology*, Making History Interactive, Williamsburg, VA, March 2009.

**Nolan, Justin**, Strategies for Studies in Natural Resource Procurement: Lessons from the US Heartland. Paper presented at the University of North Texas, Department of Geography, September 2008.

**Nolan, Justin**, Ethnobotany and Community Education: Challenges and Sticking Points for Research in Native North America. Paper presented at the William F. Brown Annual Symposium for Ethnobiology, Missouri Botanical Gardens, St Louis, November 2008.

**Nolan, Justin**, and Shawna Cain. Cherokee Ethnobotany: The Continuing Search for Traditional Plant Wisdom. Invited paper to the Ozarks Studies Symposium “Situating the Ozarks”, West Plains, Missouri, September 2009. Panel Title: *Hit's the Closest to Everlastin'*: Collaborative Conservation in the Ozarks, Moderator: Brian C. Campbell, Ph.D., Department of Sociology, University of Central Arkansas. 2009.

**Rose, Jerome C.** 2008 Paleopathology of the commoners at the New Kingdom site of Tell Amarna, Egypt. (Invited) The 2<sup>nd</sup> International Conference of the Arab Society for Medical Research, Cairo, Egypt, 11-13 November. Invited with expenses paid.

Kemp, Barry and **J. C. Rose** Bad Times and Amarna, and the Reporting of Archaeological Evidence. Special guest lecture, Supreme Council of Antiquities, Cairo, Egypt. 27 March. By invitation.

**Rose, J. C.** 2008 Orthodontics Not Needed. Major continuing education presentation to the Academy of Interdisciplinary Dentofacial Therapy, Northwest Arkansas Chapter, 19 November, 2008.

**Sabo, George, III.** Caddo Regalia in Context: Historic and Ethnographic Examples. Invited paper presented at the 65<sup>th</sup> Annual Southeastern Archaeological Conference, November 12-15, 2008, Charlotte NC.

**Sabo, George, III.** Caddo Ceramics in the Central Arkansas River Valley, by Ann M. Early, Leslie C. Walker, and **George Sabo III.** Invited paper presented at the 65<sup>th</sup> Annual Southeastern Archaeological Conference, November 12-15, 2008, Charlotte NC.

**Sabo, George, III.** Caddo Ceramics in the Central Arkansas River Valley, by Ann M. Early, Leslie C. Walker, and George Sabo III. Invited paper presented at the 51<sup>st</sup> Annual Caddo Conference, April 12-14, 2009, Norman, Oklahoma.

**Sabo, George, III.** The Ethnobiology of Rock Art in the Arkansas Ozarks, by George Sabo III. Invited paper presented at the 74<sup>th</sup> Annual Meeting of the Society for American Archaeology, 22-26 April 2009, Atlanta, Georgia.

Nolan, Justin M. and **Mary Jo Schneider.** "Those Ineffable, Indelible Razorbacks: Changes in Southern Identity at the University of Arkansas." Southern Anthropological Society 2009 Annual Meeting, Wilmington, NC. March 12-14.

**Swedenburg, Ted.** "Kufiyaspottings: Solidarity, Commerce, Banality." Presented at the Middle East Studies Association Annual Meeting, November 23. (refereed)

**Swedenburg, Ted.** "The Benefits of G-had: Fun'Da'Mental and the Music of Global Chaos," Department of Music, Middle East Studies, and Watson Institute for International Studies, Brown University, October 24. (invited)

**Swedenburg, Ted.** Anthropology Department Colloquium presentation, "The Palestinian Kufiya: Fashion Accessory? Political Solidarity? Banality?" March 11

**Ungar, P.S.** *Tooth form and function: Insights into adaptation through the analysis of dental microwear.* The 14<sup>th</sup> International Symposium on Dental Morphology, Greifswald, Germany, 2008.

**Ungar, P.S.** *Dental evidence for diets of Plio-Pleistocene hominins from Africa.* Pennsylvania State University. Department of Anthropology Colloquium Series, 2008.

**Ungar, P.S.;** Scott, R.S. *Investigating the importance of fallback foods in early hominins using dental microwear.* Presented at the 2008 Annual Meeting of the American Association of Physical Anthropologists, abstract published in AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. Supplement #46, 2008.

**Ungar, P.S.** *Dental evidence for diet in fossil hominins from the Plio-Pleistocene of Africa.* Distinguished Lecture Series, Arizona State University, Tempe, AZ , 2008.

**Ungar, P.S.** and Sponheimer, M. *Paleontological evidence for the evolution of human diet.* Presented at a special seminar in honor of Darwin's 200<sup>th</sup>: The Evolution of Human Diet. Annual Meeting of the American Association for the Advancement of Science, Chicago, IL, 2009.

**Ungar, P.S.** *Inferring early hominin diets from dental functional morphology and microwear.* Presented at the invited conference Darwin's Legacy: Early Human Evolution in Africa. At the American Museum of Natural History, New York, 2009

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

**Brubaker, Robert P.** *Putting up Barriers: Constructing Walls and Social Differences at Vijayanagara, South India.* 74<sup>th</sup> Annual Meeting of the Society for American Archaeology in Atlanta, Georgia, 25 April 2009.

**Casana, Jesse.** "Highlands and Lowlands of the Northern Levant" *American Schools of Oriental Research Annual Meeting*, Boston, MA (November 2008)

**Casana, Jesse.** "The Dubai Desert Survey (2006-2007)," *International Conference on Archaeology of the Ancient Near East (ICAANE)* Rome, Italy (May 2008)

**Casana, Jesse.** "Settlement history and urban planning at Zincirli Hoyuk, Turkey," *Society for American Archaeology Annual Meeting* Vancouver, BC (March 2008)

**Copeland, Nick.** *"Beneath Populism: Indigenous Experiences of Democracy in Postwar Guatemala."* American Anthropological Association. San Francisco, California. 2008

**Copeland, Nick.** *"Indigenous Politics in the Neoliberal Guatemala"* Faculty Colloquium, Department of Anthropology, University of Arkansas. 2008

**Erickson, Kirstin.** "Locating Yaqui Indigeneity: Cultural Performance, Commemoration and the Inscription of Sacred Space in Northern Mexico." RMCLAS (Rocky Mountain Council for Latin American Studies) Annual Meeting, Santa Fe NM. March 2009.

**Kay, Marvin.** "Of loaves and fishes in the ancient lower Danube River valley, Romania." Missouri Archaeological Society, Springfield. February 11, 2009. Springfield, Missouri.

**Kay, Marvin.** "Dead and Gone in Old Farming Communities of Northwest Arkansas and Northeast Oklahoma." Siloam Springs Museum, March 14, 2009, Siloam Springs, Arkansas.

**Kvamme, Kenneth L.** "Microtopographic mapping of Northern Plains villages as a form of remote sensing and preservation." Plains Anthropological Conference, Laramie, Wyoming, October 2.

Heller, Andrew R., and **Kenneth L. Kvamme**. “New interpretations of the Fort Clark State Historic Site, North Dakota, based on color and thermal infrared aerial imagery.” Plains Anthropological Conference, Laramie, Wyoming, October 2.

Jerrems, William Jerry, **Kenneth Kvamme**, and Kenneth Reid. “Houses built on sand; recordation and stabilization of a Late Prehistoric winter village at Redbird Beach in the Lewiston Basin, Idaho.” Great Basin Anthropological Association Conference, Portland, October 11.

Trout, Rebecca T., Dayton Steelman, Allen Szalanski, **Kenneth Kvamme**, and Phillip Williamson. “Genetic identification and environmental modeling of *Borrelia* pathogens isolated from Arkansas ticks and mammals.” Entomological Society of America Annual Meeting, November 17.

**Kvamme, Kenneth L.** *Modeling Subsurface Content Through Multidimensional Remote Sensing, Multivariate Analysis, and Raster GIS*. Computer Applications and Quantitative Methods in Archaeology Conference, Colonial Williamsburg, Virginia, March. 2009

**Nolan, Justin**, Cherokee Language Documentation in Rural Oklahoma. Paper presented at the Society for Applied Anthropology Annual Conference, Memphis, TN, 2008.

**Rose, Jerry**. Amarna Excavations and Bioarchaeology, Osher Institute, U of A Continuing Education, 9 September 2008

**Rose, Jerry**. Egypt and Archaeological Exceptions. Elder Hostel, U of A Continuing Education, 28 October, 2008

**Swedenburg, Ted**. Paper at the Middle East Studies Association was the subject of an article published on the News Blog of the *Chronicle of Higher Education*. “What’s in a Scarf: Scholar Ponders the Meanings of the Kaffiyeh,” by David Glenn, November 25, 2008 (<http://chronicle.com/news/article/?id=5558>).

**Swedenburg, Ted**. wrote an expert witness report for a legal case involving the religious rights of a member of the Nation of Gods and Earths. Dion Hardaway v. Haggerty et al. Eric S. Goldstein, Atty. US District Court, Eastern District of Michigan, South Division.

### **OTHER CREATIVE ACTIVITY:**

**Casana, Jesse**. Co-Organizer, ASOR Annual Meeting Session: “Settlement and Society in the Ancient Near East” (2008-2010)

**D’Alisera, JoAnn**. Honors Advisor, Department of Anthropology, University of Arkansas, 2008-present.

**Erickson, Kirstin**. 2008. Co-coordinator, 15<sup>th</sup> Annual Native American Symposium. University of Arkansas.



**Erickson, Kirstin.** 2005-2006, 2008-present. Advisor, Department of Anthropology Cultural Graduate Assistants.

**Erickson, Kirstin.** 2008. Tenure and promotion reviewer, Department of World Arts and Cultures. UCLA, review completed August 2008.

**Erickson, Kirstin.** 2008. Book Manuscript Reviewer for *University of Arizona Press*.

**Kay, Marvin.** Interviewed for National Park Service magazine on Civil War battlefield research.

**Kay, Marvin.** Chair, Scholarships Committee, Department of Anthropology, University of Arkansas. 2009

**Kvamme, Kenneth.** Field School: 2 week field school in archaeological geophysics, held in Kampsville, Illinois for Arizona State University, June.

**Kvamme, Kenneth.** Instructor: "Current Archeological Prospection advances for Non-destructive Investigations in the 21<sup>st</sup> Century," Workshop sponsored by US National Park service held in Fargo, North Dakota, 45 students for 5 days. May. 2009.

**Kvamme, Kenneth.** Instructor "Training Workshop in ArcGIS," Workshop held at Missouri State University, Springfield, 12 students for 3 days, July 2008.

**Kvamme, Kenneth.** Reviewed grant proposal for the: National Science Foundation and *Belgian Remote Sensing Research Programme*.

**Kvamme, Kenneth.** Program Reviewer, International Society for Archaeological Prospection (ISAP) (for September conference)

**Kvamme, Kenneth.** Peer review of book proposal: "Archaeological Data Analysis with R," by Bevan, Conolly, Lake, for Springer.

**Kvamme, Kenneth.** *Peer review of journal articles: Archaeological Prospection (5), Journal of California & Great Basin Anthropology (1), Method & Theory in Archaeology (1), Geoarchaeology (2), Journal of Field Archaeology (1), Archaeology in Washington (1), Southwestern Lore (1), Near Surface Prospecting (1), J. of Archaeological Method & Theory (1).*

**Kvamme, Kenneth.** Webmaster, for Department of Anthropology Website; consulted in development of new website.

**Kvamme, Kenneth.** Alternate, Anthropology Department personnel committee.

**Kvamme, Kenneth.** *Geophysical Surveys at Van Winkle Mill, Arkansas.* Submitted to Arkansas Archeological Survey. (January 2009)

**Kvamme, Kenneth.** *Topographic Mapping and Creation of a Digital Elevation Model for the Menoken Indian Village State Historic Site (32BL3), North Dakota.* Submitted to PaleoCultural Research Group & State Historical Society of North Dakota (February 2009).

**Kvamme, K.L.** (2008) Review of *Handbook of Geophysical Archaeology*, by Alan J. Witten, Equinox Publishing Limited, London, 2005. *Geoarchaeology* 22:418-420.

**Limp, Fredrick W.** 2008 *Final report to Mellon Foundation.* Archaeoinformatics Project. December 2008.

**Limp, Fredrick W.** was selected to provide a briefing to the National Research Council's Committee on Earth Science.

**Limp, Fredrick W.** *Geoarchaeology* article review.

**Limp, Fredrick W.** Tenure review, full professor, UCLA.

**Limp, Fredrick W.** Selected as one of 14 faculty at UAF for interview by Battelle Labs study team who are planning for the Advance Arkansas program.

**Limp, Fredrick W.** Spoke at campus event honoring Senator Sue Madison.

**Limp, Fredrick W.** Member, Environmental Dynamics Coordinating Committee Program.

**Mainfort, Robert C., Jr.** Served as a judge for the Midwest Archaeological Conference's student paper competition.

**Mainfort, Robert C., Jr.** Served as a judge for the Senior Behavioral Science section of the Northwest Arkansas Science Fair (March 2008).

**Mainfort, Robert C., Jr.** Served as a consultant to the University of Arkansas Museum, Arkansas Department of Parks and Tourism, and Department of Arkansas Heritage.

**Nolan, Justin M.** Appointed as Developer for the Society of Ethnobiology's newly-launched website.

**Nolan, Justin M.** Assisted Lynn Fisher for her feature article in the Fulbright Review, which details our Cherokee field research over the course of the past academic year.

**Nolan, Justin M.** Served as faculty representative at the Fulbright College 2008 Commencement Ceremonies.

**Nolan, Justin M.** Assisted with travel logistics for Rex Weeks' job interview for Anthropology Departmental hire.

**J. Michael Plavcan.** Member: University of Arkansas Faculty Senate Core Curriculum Committee.

**J. Michael Plavcan.** Department of Anthropology Committee to Review TA admissions and responsibilities.

**Rose, Jerome C.** Colloquium organizer for the department colloquium series and arranged presentations by Jane Buikstra (Arizona State U.) and Barry Kemp (Cambridge U.) as well as two in-house presentations.

**Sabo, George, III.** Inventory and analysis of University of Arkansas Museum Collection bluff shelter collections: artifact collection inventory and analysis supported in part with funds from the Arkansas Natural and Cultural Resources Council.

**Sabo, George, III.** Cultural Heritage and Modern Identity Formation in the Caddo Indian Nation: study of the relationship between heritage preservation activities and modern American Indian identity construction, in cooperation with the Caddo Indian Nation of Oklahoma.

**Sabo, George, III.** American Indian Art, Ritual, and Social Interaction in the Central Arkansas River Valley: study of the use of art and ritual in the field of social interaction among late pre-Columbian Indians (A.D. 900 – 1500) living in the central Arkansas River Valley; in collaboration with the Caddo, Osage, and Quapaw Indian Nations of Oklahoma.

**Sabo, George, III.** A Spiritual Journey: Archaeology of the Carden Bottoms and Petit Jean Mountain (permanent exhibit, University of Arkansas Winthrop Rockefeller Institute, opened May 2009)

**Sabo, George, III.** Working with University of Arkansas Winthrop Rockefeller Institute staff on the creation and installation of a permanent exhibit on the archeology and prehistory of the central Arkansas River Valley/Petit Jean Mountain region. The exhibit, which is scheduling for installation during 2009, is based on research in the area that Sabo conducted during the past several years.

**Sabo, George, III.** Rock Art in Arkansas website  
[<http://arkarcheology.uark.edu/rockart/index.html>]

**Sabo, George, III.** Indians of Arkansas website  
[<http://arkarcheology.uark.edu/indiansofarkansas/index.html>]

**Sabo, George, III.** American Indian Art, Ritual, and Social Interaction in the Central Arkansas River Valley website  
<http://arkarcheology.uark.edu/arkansasriver/index.html>

**Sabo, George, III.** Presented lectures on the Spiro Mounds (Oklahoma) and The Narrows (Arkansas) archeological sites during an ANTH 3023 – Approaches to Archaeology class field trip, Spring Semester, 2009.

**Sabo, George, III.** Presented a teacher in-service training workshop on American Indian Stereotypes to 50 teachers in the Flippin, AR school district on October 28, 2008.

**Schneider, Mary Jo.** Anthropology Department Awards Committee. Schneider serves as an ex officio member of a departmental committee that will make recommendations for graduate assistantships.

**Schneider, Mary Jo.** Anthropology Department TA Study Committee. Served with K. Erickson, J. Casana, and M. Plavcan to recommend ways in which we might better utilize graduate assistants. Schneider compiled data on how TA's were used in other departments in Fulbright College and drafted the committee report

**Schneider, Mary Jo.** Drafted answers to a list of "Frequently Asked Questions" for the department. These answers were requested by the Dean. Schneider compiled data from various web sites that addressed salaries and opportunities for anthropology majors.

**Schneider, Mary Jo** was an ex officio member of the department committee that made recommendations for awarding department assistantships.

**Schneider, Mary Jo.** Assisted Dr. Ungar in drafting a request for additional TA's.

**Schneider, Mary Jo.** Graded essays for Lynn Hehr--submissions to the junior division of the Arkansas Academy of Science.

**Schneider, Mary Jo.** Was asked by the Honors Council to substitute for someone who'd left the Council. Schneider served as Honors representative on three committees in addition to being a member of an additional three committees.

**Schneider, Mary Jo.** drafted miscellaneous small reports in Dr. Rose's absence and acted as the department's vice chair. Evaluated courses for transfer credit for Dr. Rose, helped Carl Hitt with various reports. Schneider stood in for Dr. Rose at various meetings and assumed chair duties when he was out of town. Also helped proof-read and update undergraduate and graduate catalog copy and web site materials. Schneider attended a meeting of the Social Science Assessment Committee and drafted a rubric for evaluating social science courses.

**Swedenburg, Ted.** "Fun^Da^Mental Islamophobic Fears: Britain's 'Suicide Bomb Rappers'," *Vis-a-Vis: Explorations in Anthropology*, Vol. 9, No. 1.  
<http://vav.library.utoronto.ca/index.php/vav/article/view/5250>

**Swedenburg, Ted.** Paper at the Middle East Studies Association was the subject of an article published on the News Blog of the Chronicle of Higher Education. "What's in a Scarf: Scholar Ponders the Meanings of the Kaffiyeh," by David Glenn, November 25, 2008.  
(<http://chronicle.com/news/article/?id=5558>).

**Swedenburg, Ted.** Traveled to New York for the dissertation defense of Nadia Latif, Anthropology, Columbia University, on May 1. (Invited.)

**Swedenburg, Ted.** Article manuscript reviews: *International Journal of Middle East Studies*; *Critical Interventions*; *Comparative Studies in Society and History*.

**Swedenburg, Ted.** Book ms. reviews: Stanford University Press, Oxford University Press.

**Swedenburg, Ted.** Invited and hosted Elizabeth Smith, University of Vermont, who lectured at the University of Arkansas, October 20, on Egyptian Nubians. Sponsored by the Center for Middle East and Islamic Studies and the Department of Anthropology.

**Swedenburg, Ted.** Scholarships Committee, Honors Advisor, Fall '08, Personnel Committee, Library Representative Department of Anthropology.

**Swedenburg, Ted.** Interview with Piney Kesting, *Aramco World Magazine*, on Arabesque festival, March 2009.

**Swedenburg, Ted.** Background interview with Frank Bures for an article on the taqwacore (Islamic punk) scene ("Mosque Pit," *Mother Jones*, Jan/Feb. 2009)

**Swedenburg, Ted.** Participated on a forum on US Middle East policy, with Profs. Joel Gordon and Najib Ghadbian, sponsored by Omni Center for Peace, Justice and Equality, filmed at CATV on October 15, broadcast in November.

**Swedenburg, Ted.** Continues to serve as a deejay for a weekly world music radio show, "Interzone Radio," on KXUA-FM, UA student radio.

**Swedenburg, Ted.** Taught an intensive, four-week graduate seminar that met three times a week, Introduction to Middle East Anthropology, for the Department of Middle Eastern Studies, Ben Gurion University of the Negev, Beersheba, Israel, May 11-June 6.

**Swedenburg, Ted.** Discussant, Session on "Cultural Persuasion or Cultural Invasion: The Politics of American Popular Musics in the Contemporary Middle East," Society for Ethnomusicology Annual Meetings, October 28, Wesleyan University.

**Swedenburg, Ted.** I continue to blog (Hawblawg) on Middle East and cultural affairs: [swedenburg.blogspot.com](http://swedenburg.blogspot.com) .

**Ungar, Peter.** Dental Microwear Software. Microware© Version 4.02. Continues to support and distribute this software in 2008, issuing several licenses free-of-charge to academics in the US, Europe, and Asia.

**Ungar, Peter.** Request to organize of a special session in honor of Darwin 200 for the American Association for the Advancement of Science.

**Ungar, Peter.** Invitation and participation in the National Academy of Sciences special panel discussions on the earth system context for hominin evolution.

**Ungar, Peter.** Trained and hosted graduate students and other researchers from numerous other institutions in 2008 from Europe, Asia and North America. These included: Takeyuki Ikarashi (Kyoto University), Thomas Kaiser (University of Hamburg), Mark Purnell (University of Leicester), Ellen Schultz (University of Hamburg), Emily Henderson (University of Oregon), Larisa DeSantis (University of Florida), Blaine Schubert (East Tennessee State University), Julie Lesnik (University of Michigan), Sarah Taylor (Northwestern University).

**Ungar, Peter.** Received attention from dozens of broadcast, print and electronic media outlets for research in 2008. Some prominent outlets included SCIENCE MAGAZINE, THE ECONOMIST, US NEWS AND WORLD REPORT, FOX NEWS, MSNBC, and SCIENCE NEWS. In addition, Ungar was profiled in 2008 on the US National Science Foundation's research website. **Ungar** had a series of interview by the DISCOVERY CHANNEL for a special featuring his work on the evolution of human diet.

**Ungar, Peter.** Television Appearance. Primal Connections. Pilot Episode. DISCOVERY CHANNEL, 2009.

**Ungar, Peter.** Nature Science, Proceedings of the National academy of Sciences, *Journal of Human Evolution*, *Plos One*.

**Ungar, Peter.** Symposia Organized:(with Matt Sponheimer). The Evolution of Human Diets. Held at the 2009 Annual Meeting of the American Association for the Advancement of Science, Chicago, Illinois. 2009.

## ART

### **REFEREED ARTICLES/PAPERS:**

**La Porte, Angela,** and Spiers, P. And Young, G., "Influences of Art Curriculum content: A National Survey," *Studies in Art Education* 49 (2008): 358-370.

Unrefereed Publications and Proceedings

**Jacobs, Lynn F.,** weekly blog entries co-authored at [www.usnews.com/professorsguide](http://www.usnews.com/professorsguide) \_\_\_\_\_. "The Vastness of Simplicity: Robert Ross's Pastels on Wood," in *Robert Ross: Seeing Through Wood*, 2008, 15-21

**La Porte, Angela,** "Committee on lifelong learning," in NAEA News 2008-2009.

### **INVITED LECTURES:**

**Springer, Bethany.** Visiting artist lectures at Milwaukee Institute of Art and Design, University of Tulsa, and Emporia State University, KS.

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

**Hapgood, Thomas.** "Privatizing Digital Experiences," Poster Paper, at Glide 08, co-authored with John Bowers.

**La Porte, Angela,** and Speirs, R. And McComb, C., "In Response to Healing: A gallery exhibit and workshop," National Art Education Association Conference, 2009.

## **CREATIVE ENDEAVORS:**

### **Golden, Jackie**

"Drawing In," Cal Poly School of Architecture, 2008

"Small Works on Paper," touring exhibition, October 2008

### **Hulen, Jeannie**

Regional Sculptural Invitational, Fayetteville

Innocent Play," two person exhibition, Moberly Area Community College, Moberly, MO.

"Pink," Moreau Art Galleries at Saint Mary's College, IN

Group show, Pochron Studios, DUMBO, Brooklyn NY

### **La Porte, Angela**

"In Response to Healing," international traveling exhibit, 2006-2007: shown at Fine Arts Gallery, University of Arkansas, August-September, 2007 (other venues listed in 2006-2007 annual report)

### **Musgnug, Kristin**

"Plains, Highways and Miniature Golf: Contemporary Romantic Landscape," St. Ambrose University, Davenport IA, Oct-Nov, 2008.

### **Nelson, Marilyn:**

"The War Against Peace," group exhibition, Ciel Gallery, Charlotte, NC, Sept.-Oct. 2008

"Back to the Basics: Exploring Natural Materials," national juried group exhibition, RFD Gallery, Swainsboro, GA, Nov.-Dec. 2008

### **Newman, John:**

"John L. Newman Recent Work," Four Square Fine Art Gallery, Fayetteville, Sept.-Oct., 2008

"Fayetteville Four," Anne Kitrell Gallery, Oct.-Nov., 2008.

### **Peven, Michael**

Good Dog/Bon Chien," solo exhibition, Art Gallery, Texas A&M University

"Multiples," East End Applied Arts, Aurora CO

"Hidden Between the Covers: The Art of the Book," Collin County Community College Gallery, Plano, TX

"The Art of the Book," Four Square Art Gallery, Fayetteville

**Springer, Bethany:**

“Media Projects 2008,” Frederick Layton Gallery, Milwaukee Institute of Art and Design, Oct.-Dec. 2008

Dialogues 3, Zeitgeist Gallery, Nashville, TN

Annual Auction Exhibition, Bemis Center for Contemporary Arts, Omaha, NE

Solo Exhibition, Eppink Gallery, Emporia State University, Emporia KS, August 2009

Small Multiples,” University of Nebraska, 2009

“Sculpture Invitational,” Fayetteville Underground, Fayetteville, 2009

**BIOLOGICAL SCIENCES**

**BOOKS:**

**GENTRY, Johnnie**

*Atlas of the Vascular Plants of Arkansas*, the publication will include an introduction to the geology and natural divisions/eco-regions of the state and geographic distribution, nativity, common name, plants of conservation concern, endemics, invasive plants, and current botanical nomenclature of all taxa (2,896), 575 pages, Arkansas Vascular Flora Committee  
University of Arkansas Printing Services, publication date May 2009. The work on this publication has occurred at the UARK Herbarium.

**STEPHENSON, Steven**

Binion, D. E., S. L. Stephenson, W. C. Roody, H. H. Burdsall, O. K. Miller, Jr., and L. N. Vasilyeva. 2008. Macrofungi Associated with Oaks of Eastern North America. Morgantown, West Virginia: West Virginia University Press.

**CHAPTERS:**

**BEAUPRE, Steven**

Beaupre, S. J. 2008. Annual variation in time-energy allocation by Timber Rattlesnakes (*Crotalus horridus*) in relation to food acquisition. Pp 11-122 In *Biology of Rattlesnakes* (W.K. Hayes, S.P. Bush, D. Caldwell, and K. Beaman Eds.). Loma Linda Press.

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Hill, J.G. and S.J. Beaupre 2008. Body size, growth and reproduction in a population of western cottonmouths (*Agkistrodon piscivorus leucostoma*) in the Ozark Mountains of Northwest Arkansas. *Copeia*, 2008:103-112.

Beaupre, S. J. and H. W. Greene. 2009. Handling Hazardous Live Reptiles. Appendix for R. McDiarmid (ed.) *Reptiles: Standard Methods of Inventory and Monitoring*. Smithsonian Institution Press, Washington, DC. (note listed in 2007).

### **BROWN, Arthur**

Radwell, Andrea J. and Arthur V. Brown. 2008. Benthic meiofauna assemblage structure of headwater streams: density and distribution of taxa relative to substrate size. *Aquatic Ecology* 42: 405-414. (appended) (This paper was published online in 2007 and in hard copy this year.)

### **DU, Yuchun**

Du Y., Zhou J., Shen Z., and Chen X. (2009) A streamline proteomic approach for characterizing protein-protein interaction network in a Rad52 protein complex. *Journal of Proteome Research*: 8: 2211-2217. (a peer-reviewed journal with an Impact factor of 5.675 in 2007).

### **ETGES, William**

Oliveira, D. C. S. G., M. Leonidas, W. J. Etges, P. M. O'Grady, and R. DeSalle. 2008. Species delimitation in the *Drosophila aldrichi* subcluster (Diptera: Drosophilidae) using DNA sequences. *Zootaxa* 1725:37-47.

Beckenbach, A. T., W. B. Heed, and W. J. Etges. 2008. A mitochondrial DNA analysis of vicariant speciation in two lineages in the *Drosophila mulleri* subgroup. *Evolutionary Ecology Research* 10:475-492.

Etges, W. J. and A. D. Tripodi. 2008. Premating isolation is determined by larval rearing substrates in cactophilic *Drosophila mojavensis*. VIII. Mating success mediated by epicuticular hydrocarbons within and between isolated populations. *Journal of Evolutionary Biology* 21:1641-1652.

Etges, W. J. and M. Levitan. 2008. Variable evolutionary response to regional climate change in a polymorphic species. *Biological Journal of the Linnean Society* 95:702-716.

### **EVANS-WHITE, Michelle**

Bengston, J.R., M.A. Evans-White, and K.B. Gido. 2008. Effects of grazing minnows and crayfish on stream ecosystem structure and function. *Journal of the North American Benthological Society* 27:772-782.

### **GENTRY, Johnnie**

Edith L. Hardcastle and Johnnie L. Gentry. 2008. Conservation Genetics of *Delphinium newtonianum* Dw. Moore (Moore's Delphinium) [Ranunculaceae], a Rare Endemic of the Interior Highlands including two figures and six tables., *Castanea* 74(1):41-52. March 2008.

### **HENRY, Ralph**

Ananthamurthy, K, KM Kathir, A Kight, RL Goforth, RL Henry, TKS Kumar (2008). <sup>1</sup>H, <sup>13</sup>C and <sup>15</sup>N Resonance Assignments of the C-terminal Chromo domain of the chloroplast signal recognition particle. *J Biomolecular NMR Assignments* 2(1):37-39.

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Lewis, P, I Fritch, RE Gawley, RL Henry, A Kight, JO Lay, R Liyanage, J McLachlin (2008). Dynamics of saxitoxin binding to saxiphilin c-lobe reveals conformational change. *Toxicon*. 51:208-217.

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### **KRAL, Timothy**

McKay, C.P., C.C. Porco, T. Altheide, W.L. Davis and T.A. Kral. 2008. The Possible Origin and Persistence of Life on Enceladus and Detection of Biomarkers in the Plume. *Astrobiology*. 8(5), 909-919.

### **KREMENTZ, David**

Green, A. W., and D.G. Krementz. 2008. Mallard harvest distributions in the Mississippi and Central Flyways. *Journal of Wildlife Management*. 72:1328-1334.

Plummer, M. V., D. G. Krementz, L. A. Powell, and N. E. Mills. 2008. Effects of habitat disturbance on survival rates of softshell turtles (*Apalone spinifera*) in an urban stream. *Journal of Herpetology*. 42:555-563.

Collier, B. A., and D. G. Krementz. 2008. Opinions and preferences of Arkansas deer hunters regarding harvest management. *Proc. Annu. Conf. Southeast. Assoc. Fish and Wildl. Agencies* 61:54-59.

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**LESSNER, Daniel**

Ferry JG and Lessner DJ. 2008. Methanogenesis in Marine Sediments. *Ann. N. Y. Acad. Sci.* 1125:147-157.

**MAGOULICK, Daniel**

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Larson, E.R. and D.D. Magoulick. 2008. Comparative life history of native (*Orconectes eupunctus*) and introduced (*Orconectes neglectus*) crayfishes in the Spring River drainage of Arkansas and Missouri. *American Midland Naturalist* 160:323-341.

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### **SILBERMAN, Jeffrey**

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### **SPIEGEL, Frederick**

Ndiritu, GG, SL Stephenson, and FW Spiegel. 2009. First records and microhabitat assessment of protostelids in the Aberdare Region, Central Kenya. *J. Eukaryotic Microbiol.* 56:148-158.

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### **STEPHENSON, Steven**

Stephenson, S. L. 2008. Myxomycetes of Ascension Island. *Ascension Conservation Quarterly* 1:2.

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Vasilyeva, L. N., and S. L. Stephenson. 2008. The Linnaean Hierarchy and 'extensional thinking'. *Open Evolution Journal* 2:55-65.

Rojas, C., and S. L. Stephenson. 2008. Myxomycete ecology along an elevation gradient on Cocos Island, Costa Rica. *Fungal Diversity* 29:117-127.

Yuri K. Novozhilov, Y. K., I. V. Zemlyanskaya, M. Schnittler, and S. L. Stephenson. 2008. Two new species of *Perichaena* (Myxomycetes) from arid areas of Russia and Kazakhstan. *Mycologia* 100:816-822.

Winsett, K. E., and S. L. Stephenson. 2008. Using ITS sequences to assess intraspecific genetic relationships among geographically separated collections of the myxomycete *Didymium squamulosum*. *Revista Mexicana de Micologia* 27:59-65.

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Moreno, G., H. Singer & S.L. Stephenson (2008) A study on *Lamproderma australiensis* and *L. reticulosporum*. *Boletín de la Sociedad Micológica de Madrid* 32:113-120.

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Shadwick, J. D., S. L. Stephenson, and F. W. Spiegel. 2009. Distribution and ecology of protostelids in the Great Smoky Mountains National Park. *Mycologia* 101:320-328.

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## **WALKER, James**

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Walker, J. M. 2008. *Aspidoscelis costata huico* (Blue-chested Whiptail). Reproduction. *Herpetological Review* 39:8586.

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## **PATENTS:**

In Review at U.S. PTO:

Monoclonal antibodies that selectively recognize methamphetamine and methamphetamine like compounds. SM Owens, M Gunnell, Y Chi, FI Carroll, R Henry, E Peterson. US Patent Application (Non-Provisional), Serial No 11/763,948, filed 6/15/07.

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Radiation-inducible liposome drug delivery. D Fologea, M Borrelli, P Corry, RL Henry, G Salamo.

### **SMITH, Kimberly**

SMITH. K. G. 2008. 100 years ago in the American Ornithologists' Union. Auk 125:250-251.

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## **CHEMISTRY and BIOCHEMISTRY**

### **CHAPTERS:**

**Millett, Francis; Durham, Bill**, “Use of Ruthenium Photooxidation Techniques to Study Electron Transfer in the Cytochrome bc<sub>1</sub> Complex” Chapter in Methods in Enzymology, Mitochondrial Electron Transport Complexes and Reactive Oxygen Species. In press (2009)

**Gren, Lois; Durham, Bill; Millett, Francis**. “Use of Ruthenium Photoreduction Techniques to Study Electron Transfer in Cytochrome Oxidase” Chapter in Methods in Enzymology, Mitochondrial Electron Transport Complexes and Reactive Oxygen Species. In press (2009)

### **REFEREED ARTICLES:**

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**Baker, Jon**; Wolinski, Krzysztof; Malagoli, Massimo; Kinghorn, Don; Wolinski, Pawel; Magyarfalvi, Gabor; Saebo, Svein; **Janowski, Tomasz; Pulay, Peter**. Quantum chemistry in parallel with PQS. Journal of Computational Chemistry (2009), 30(2), 317-335.

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**Philominathan, Sagaya Theresa Leena;** Matsushita, Osamu; Jordan, John Brad; **Sakon, Joshua.** <sup>1</sup>H, <sup>13</sup>C and <sup>15</sup>N Resonance Assignments of Ca<sup>2+</sup> Bound Collagen-binding Domain Derived from a Clostridial Collagenase. *Biomolecular NMR Assignments* (2008), 2(2), 127-129.

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**Talla-Singh, D.**; **Stites, W.E.** Refinement of noncalorimetric determination of the change in heat capacity,  $\Delta C_p$ , of protein unfolding and validation across a wide temperature range. *Proteins: Structure, Function, and Bioinformatics* (2008), 71(4), 1607-1616.

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**Yousaf, Taher I.**, **Williams, Roger L.**, Coldham, Iain, and **Gawley, Robert**. The Barrier to Enantiomerization of *N*-Boc-2-lithopyrrolidine: the Effect of Chiral and Achiral Diamines. Chem. Commun. (2008), 97-98.

Janzon, J.; **Yuan, Q.**; Malatesta, F.; Hellwig, P.; Ludwig, B.; **Durham, B.**; **Millett, F.** Probing the Paracoccus denitrificans Cytochrome c1-Cytochrome c552 Interaction by Mutagenesis and Fast Kinetics. Biochemistry (2008), 47(49), 12974-12984.

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#### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

A262. **Gietzen, K. M.**; **Lacy, C. H. S.**; **Ostrowski, D. R.**; **Sears, D. W. G.** A (2008) Comparison of the Class Distribution of Asteroids in the Main Belt and Near-Earth Vicinity Asteroids, Comets, Meteors 2008 held July 14-18, 2008 in Baltimore, Maryland. LPI Contribution No. 1405, paper id. 8323.

A264. **Ostrowski, D. R.**; **Sears, D. W. G.**; **Gietzen, K. M.**; **Lacy, C. H. S.** (2008) A Study of Phyllosilicates as Possible Components of the Surface of C Asteroids. Asteroids, Comets, Meteors 2008 held July 14-18, 2008 in Baltimore, Maryland. LPI Contribution No. 1405, paper id. 8299.

A265. **Sears, D. W. G.** (2008) Glimmerings of the Future: A Potential Role for Thermoluminescence and Related Studies in Addressing Key Current Questions in Lunar Science. NLSI Lunar Science Conference, held July 20-23, 2008 at NASA Ames Research Center, Moffett Field, California, LPI Contribution No. 1415, abstract no. 2078.

## **INVITED PRESENTATIONS:**

McIntosh, M., 14<sup>th</sup> Annual Cottrell Scholars Conference, July 10-12, 2008, Tucson, Arizona.

McIntosh, M., "Studies Directed toward the Synthesis of Antascomycin B." Gordon Research Conference on Organic Reactions and Processes, July 13-17, 2008, Smithfield, Rhode Island.

Millett, F., "Rapid Kinetic Studies of Electron Transfer in Cytochrome Oxidase." 15<sup>th</sup> European Bioenergetics Conference 2008, July 19-24, Trinity College Dublin in Dublin, Ireland.

Millett, F., "Design of New Photoactive Ruthenium Complexes to Study Rapid Electron Transfer in Cytochrome Oxidase," and "Core Facilities for Determination of Protein Structure and Function: A Statewide Resource for NCRR COBRE and INBRE Investigators in Arkansas" NIH NCRR 2<sup>nd</sup> Biennial National IDeA Symposium, August 6-8, 2008, Washington, D.C.

Ellis, R., "Properties of Peptide-Anchored Lactoferricins in Neutral and Anionic Lipids" NIH NCRR 2<sup>nd</sup> Biennial National IDeA Symposium, August 6-8, 2008, Washington, D.C.

Guo, F., "Histidine254 of Synaptotagmin I C2A Domain Coordinates with Cu<sup>2+</sup>" NIH NCRR 2<sup>nd</sup> Biennial National IDeA Symposium, August 6-8, 2008, Washington, D.C.

Rivero-Castro, J., "Toward the Total Synthesis of Antascomycin B via Ireland-Claisen and Allylic Diazene Rearrangement Sequence" NIH NCRR 2<sup>nd</sup> Biennial National IDeA Symposium, August 6-8, 2008, Washington, D.C.

Sakon, J., "A Fusion Protein of Parathyroid Hormone and a Collagen Binding Domain Shows Superior Efficacy and Longer Duration of Action Compared to Pth(1-34) as an Anabolic Bone Agent in Normal Female Mice" 30<sup>th</sup> Annual Meeting of the American Society in Bone and Mineral Research, September 13, 2008, Montreal, Canada.

Kathir, K.M., "Understanding the Mechanism of the Anti-angiogenic Activity of Suramin" GRASP Meeting, October 3, 2008, Kansas State University, Manhattan, Kansas.

Lu, H. and Adams, P., "Expression of, and Preliminary Biophysical Characterization of a Minimal Binding Domain Peptide of TSC2 that Binds to the Small GTPase Rheb" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas.

Adams, P.; Edwards, E.L. "An Innovative Method for the Purification of Recombinant Proteins" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas.

Eddings, D.; Gawley, R. E. "New Chiral Cu(1)-NHC Catalyst for Asymmetric Cyclopropanations" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas.

Gawley, R. E.; Aube, J.; Reiser, O.; James, P. "EUCHEMUSA: The Transatlantic Dual BS Degree in Chemistry" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Fritsch, I. "Manipulating Fluid Flow on a Chip through Redox Magnetohydrodynamic Induced Convection" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas (Invited Talk)

Gawley, B. "Transatlantic Dual Bachelor of Science Degree in Chemistry" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Lay, J. chaired the session on "Small Molecule Mass Spectrometry" and presented "Mass Spectrometry Approaches for Extracting Protein Folding Energies" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Stenken, J. "Challenges and Opportunities in Detecting in Vivo Peptide and Protein Chemical Communication" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Wilkins, C. "Phospholipid Analysis in Genetically Modified Yeast by Fourier Transform Mass Spectrometry" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Zheng, N. "The Application of Pd-and Cu-Catalyzed Carbon-Nitrogen Bond Formation to Heterocycle Synthesis" at the Cope Scholar Symposium" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Dakshinamurthy, R. and undergraduate Avery, D. "Effect of Osmolytes on Protein Stability and Folding" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Gidden, J. "Differentiation of Bacteria using Lipid Profiles from MALDI-MS" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Liu, H. "Expression of and Preliminary Biophysical Characterization of a Minimal Binding Domain Peptide of TSC2 that Binds to the Small GTPase Rheb" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Batoy, C. "Analysis of Phospholipid Profiles of Different Yeast Mutants that has Altered Transcription Factors by MALDI FTMS" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Clay, D. "Toward the Total Synthesis of Antascomicin B via an Ireland Claisen (CR) and Allylic Diazene (ADR) Rearrangement Sequence" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Eddings, D. "Towards the Synthesis of the C22-C34 Fragment of Antascomicin B" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Farris, R. "Optical Sensor for the Paralytic Shellfish Toxins" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Lewis, P. "Toward Electrochemical Detection of Saxitoxin: Signal Amplification by Redox Cycling at a Self-Contained Microelectrode Array in a Microchannel" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Marutharaj, T. "Dinuclear Ruthenium (II) Diphen Complex of HAT" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Mazzanti, C. "Experimental Solvation of CKI and NaCl in N-methylacetamide" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Shrestha, M. "New Applications of the Allylic Diazene Rearrangements" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Vostrikov, V. "Solid-State NMR Approaches to Transmembrane Peptide Tilt" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Weston, M. "Manipulating Fluid Flow on a Chip through Redox Magneto hydrodynamic Induced Convection" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Edwards, E. "An Innovative Method for the Purification of Recombinant Proteins" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Herbaugh, A. "An in Vitro Stopped Flow Method of Microdialysis Sampling for Cytokines" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Hooten, C. "Investigations of an Immunoassay-Compatible Species for Pumping with Magnetohydrodynamic Force" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Ritter, M. "Microdialysis Sampling for Localized Delivery of Immune Modulators" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Stevens, S. "Detection and Toxin Profiling of Paralytic Shellfish Toxins through the use of High Performance Liquid Chromatography" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Liyanage, R; Devarapalli, N; Puckett, LM; Gidden, J; Stites, WE; Lay, JO, Jr. "Application of H/D exchange Mass Spectrometry to extracting protein folding energies – ESI based SUPREX and a new technique called PEPS" 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Wilkins, C. et.al. “Analysis of Phospholipid Profiles of Different Yeast Mutants that have Altered Transcription Factors by MALDI FTMS” 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Wilkins, C. et. al. “LDI-FTMS Analysis of Polyacetylene Thin Films Deposited on Silicon by Plasma Polymerization” 64<sup>th</sup> Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Dakshinamurthy, R. “Is Heparin Binding a Prerequisite for FGF Signaling?” Arkansas Biosciences Institute Fall Research Symposium, October 7, 2008, Little Rock, Arkansas

Huff, E. “Predicted NMR Shift changes in the Aromatic Ring Due to Cation- $\pi$  Interactions” Arkansas Biosciences Institute Fall Research Symposium, October 7, 2008, Little Rock, Arkansas

Huff, E. “Predicted NMR Shift changes in the Aromatic Ring Due to Cation- $\pi$  Interactions” Conference on Current Trends in Computation Chemistry, October 31 to November 1, 2008, Jackson, Mississippi

McIntosh, M, “The Role of Organic Synthesis in Drug Discovery.” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Avery, A. “Effect of Osmolytes on Protein Stability and Folding.” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Bauer, R. “Biophysical analyses of S2 and S3 domains of the bacterial collagenase to study their activation mechanism” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Bradney, L. “Investigation of the Antimicrobial and Lipid Perturbing Capabilities of Acylated Lactoferrin Peptides” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Daily, A. “Interactions Defined between S100A13 and Annexin Peptides: Insight into Non-Classical Secretion” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Dakshinamurthy, R. “Biophysical Characterization of FGF Signaling Complex.” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Lemmons, J. “NMR Studies of the Structure and Dynamics of Gramicidin A in SDS Micelles” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Froyd-Rankenber, J. “Investigation of “Half-WALP” Peptides in Presence of Model Membrane Lipids using <sup>2</sup>H and <sup>31</sup>P NMR Spectroscopy” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas



Huber, I. "Structural and Functional Role of Proline Residues in Fibroblast Growth Factor-1" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Kathir, K. "Understanding the Mechanism of the Anti-angiogenic Activity of Suramin" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Ananthamurthy, K. "3D Solution Structure of the C-terminal Chromodomain of the Chloroplast Signal Recognition Particle and its Interaction with cpSRP 54 Peptide." Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Mazzanti, C. "Experimental Solvation of KCl and NaCl in N-methylacetamide" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Rutherford, L. "Understanding the Mechanism of Autoregulation of FGF Signaling" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Super, M. "Phosphorylated Proteins in Normal and Platelet GP Ib-IX-V Deficient Mice" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Super, M. "A Study of an Alternate alpha-Elimination Reaction to form Carbene Compounds." Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Thomas, R. "Influence of Proline upon the Folding and Geometry of the WALP 19 Transmembrane Peptide" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Vostrikov, V. "Cooperative Effect of Anchoring Residues in Moel Transmembrane Peptides Investigated by Solid-State NMR" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Edwards, L. "An Innovative Method for the Purification of Recombinant Proteins" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Stevens, S. "HPLC Analysis of Paralytic Shellfish Toxins" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Lewis, N; Marty, N; Rajalingam, D; Kight, A; Kumar, TKS Goforth, R; Henry, R. "Interactions with the Alb3 translocase in chloroplast recognition particle protein targeting" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Marty Dekar, MJ; Rajaligam, D; Kight, AD; Lewis, NE; Fologea, D; Kumar, TKS; Henry, R; Goforth, RL. "Role of membrane-activated structural switch mechanism in chloroplast SRP receptor function" Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Rajalingam, D; Kumar, TKS. “Biophysical characterization of FGF signaling complex” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Salois, AJ; Dickson, M; Oliver, WL; Greathouse, DV. “Study of Peptide to Lipid Membrane Interactions using Dynamic Light Scattering and Fluorescence Properties” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Webb, N; Rajalingam, D; Greathouse, DV; Kumar, TKS. “Specificity of the helical conformation induced by 2, 2, 2, trifluoroethanol” Arkansas INBRE Research Conference, November 7-8, 2008, Fayetteville, Arkansas

Richardson, N.; Bhise, A.; Staiger, J.; Bishop, B.; and Davis, D. “Mutagenesis of Y160 and R156 Alters Redox Properties of Cytochrome F” Midwest/Southeast Photosynthesis Meeting, November, 2008, Marshall, IN

Sharma, P; Rajalingam, D; Kumar, TKS; Singh, S. “Light scattering study of the interaction of fibroblast growth factor with its receptor” Arkansas Nano Conference, December 8-11, 2008, Mount Petit, AR

Lewis, N; Marty, N; Rajalingam, D; Kight, A; Kumar, TKS; Goforth, R; Henry, R. “Interactions with the Alb3 translocase in chloroplast recognition particle protein targeting.” Arkansas Nano Conference, December 8-11, 2008, Mount Petit, AR

Marty-Dekar, MJ; Rajalingam, D; Kight, AD; Lewis, NE; Fologea, D; Kumar, TKS; Henry, R; Goforth, RL. “Role of membrane-activated structural switch mechanism in chloroplast SRP receptor function” Arkansas Nano Conference, December 8-11, 2008, Mount Petit, AR

P. Sharma, R. Dakshinamurthy, T.K.S. Kumar, S. Singh, “Light Scattering Study of the Interaction of Fibroblast Growth Factor (FGF) and its Receptor” Statewide Conference on Nanotechnology for Healthcare, January 8-10, 2009, University of Arkansas Winthrop Rockefeller Institute on Petit Jean Mountain, Arkansas

R. E. Koeppe II, D.V. Greathouse, V.V. Vostrikov, “Arginine Interactions with Lipid Bilayers” Statewide Conference on Nanotechnology for Healthcare, January 8-10, 2009, University of Arkansas Winthrop Rockefeller Institute on Petit Jean Mountain, Arkansas

R. Goforth, N. Lewis, N. Marty, A. Kight, R. Dakshinamurthy, T.K.S. Kumar, R. Henry, “Use of Nanomaterials in the Study of Protein Interactions in Targeting to Membrane-localized Transporters” Statewide Conference on Nanotechnology for Healthcare, January 8-10, 2009, University of Arkansas Winthrop Rockefeller Institute on Petit Jean Mountain, Arkansas

F. Chen, S. Ali, Z.R. Tian, “Neuron Regeneration and Multiplexed Biochemical Sensing on Nanowire-Membrane” Statewide Conference on Nanotechnology for Healthcare, January 8-10, 2009, University of Arkansas Winthrop Rockefeller Institute on Petit Jean Mountain, Arkansas

D. Fologea, A. Jamshidi-Parsian, M.J. Borrelli, X. Peng, R. Henry, G. Salamo, R.J. Griffin, "Design of Liposome-encased Quantum Dots for drug delivery and release applications." Statewide Conference on Nanotechnology for Healthcare, January 8-10, 2009, University of Arkansas Winthrop Rockefeller Institute on Petit Jean Mountain, Arkansas

Sakon, J. "Molecular Description of PTH-CBD." Amgen, March 2, 2009, Thousand Oaks, CA

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

"3D solution structure of the C-terminal Chromodomain of the Chloroplast Signal Recognition Particle and its interaction with cpSRP 54 peptide" **Ananthamurthy Koteswara**, Karuppanan M. Kathir, Robyn Goforth, Ralph Henry, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Cation-pi Interactions Contribute Significantly to The Stability of the D2 Domain of Fibroblast Growth Factor Receptor," **Ryan Thurman**, Dakshinamurthy Rajalingam, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Characterization of Transmembrane Peptide-Anchored Lactoferricin in Mixed Lipids" **Rachel E. Ellis**, Denise Greathouse. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Comparison of Mechanical and Magnetic Alignment of WALP-like Peptides for Solid-State NMR" **Nicholas J. Gleason**, Vitaly V. Vostrikov, Roger E. Koeppe II. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Conformation of the Transmembrane Domain of the Anthrax Toxin Receptor" **Christopher L. Mazzanti**, Denise V. Greathouse, James F. Hinton, Jennifer D. Lemmons, Roger E. Koeppe II. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Effect of Osmolytes on Protein Stability and Folding" **Andrew Avery**, Rajalingam Dakshinamurthy, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Expression of and Preliminary Biophysical Characterization of a Minimal Binding Domain peptide of TSC2 that binds to the small GTPase Rheb" Huimin Liu and **Paul D. Adams**. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Half-Anchored WALP Peptides: Effect of Anchor Position on Peptide Orientation," **Johanna M. Froyd-Rankenbergh**, Denise V. Greathouse, Roger E. Koeppe II. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

"Influence of Proline upon the Folding and Geometry of the WALP19 Transmembrane Peptide" **Rachel E. Thomas**, Vitaly V. Vostrikov, Roger E. Koeppe. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Investigation of Antimicrobial and Lipid Perturbing Properties of Lactoferrin Peptides” **Laura A. Bradley**, Vitaly V. Vostrikov, Denise V. Greathouse. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Interactions Defined between S100A13 and Annexin Peptides: Insight into Non-Classical Secretion,” **Anna E. Daily**, Dakshinamurthy Rajalingam, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Orientation of Single-Span Transmembrane Peptides Investigated by Independent Solid-State NMR Methods: GALA and PISEMA” **Vitaly V. Vostrikov**<sup>1</sup>, Christopher V. Grant<sup>2</sup>, Stanley J. Opella<sup>2</sup>, Roger E. Koeppe II<sup>1, 2</sup>. <sup>2</sup> University of California, San Diego. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Specificity of the Helical Conformation Induced By 2, 2, 2, Trifluoroethanol,” **Nicole Webb**, Rajalingam Dakshinamurthy, Denise Greathouse, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Structural and Functional Role of Proline Residues in Fibroblast Growth Factor-1” **Isabelle Huber**, Rajalingam Dakshinamurthy, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Understanding the Mechanism of Autoregulation of FGF Signaling,” **Lindsay Rutherford**, Dakshinamurthy Rajalingam, Britton Blough, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Understanding the Mechanism of the Anti-angiogenic Activity of Suramin,” **Karuppanan M. Kathir**, Khalil Ibrahim, T.K.S. Kumar. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Use of Transmembrane Peptides to Investigate Arginine Interactions with Lipid Bilayers,” Vitaly V. Vostrikov, Denise V. Greathouse, **Roger E. Koeppe**. 53<sup>rd</sup> Annual Meeting of the Biophysical Society, February 28-March 4, 2009 Boston, MA

“Designing Fibroblast Growth Factor with Higher Heparin Binding Affinity,” **Ivy Fitzgerald**, Dakshinamurthy Rajalingam, T.K.S. Kumar. (Fitzgerald was an REU 08 student)

“Development of a Drude Polarizable Force Field for Ion-water and Ion-NMA Interactions and Application to Selectivity in Ion Channels” **Haibo Yu**<sup>1</sup>, Troy W. Whitfield<sup>2</sup>, Sergei Yu. Noskov<sup>3</sup>, Christopher L. Mazzanti<sup>4</sup>, Roger E. Koeppe II<sup>4</sup>, Olaf S. Andersen<sup>5</sup>, Benoit Roux<sup>1,2</sup>. <sup>1</sup>Department of Chemistry, and Molecular Biology, University of Chicago, <sup>2</sup>Biosciences, Division, Argonne National Laboratory, Argonne, <sup>3</sup>Institute for Biocomplexity, and Informatics, Department of Biological Sciences, University of Calgary, <sup>5</sup>Department of Physiology and Biophysics, Weill Medical, College of Cornell University.

“Evaluating Gramicidin A Channel Backbone Dynamics by Molecular Dynamics and Nuclear Magnetic Resonance,” **Helgi I. Ingolfsson**<sup>1,2</sup>, Vitaly V. Vostrikov<sup>3</sup>, Hong Gu<sup>3</sup>, Roger E. Koeppe, II<sup>3</sup>, James F. Hinton<sup>3</sup>, Benoit Roux<sup>4</sup>, Toby W. Allen<sup>5</sup>, Olaf S. Andersen<sup>1</sup>. Weill Medical College of Cornell University, <sup>2</sup> Tri-Institutional Training Program in Computational Biology and Medicine, New York, <sup>4</sup> University of Chicago, <sup>5</sup> University of California, Davis.

“Investigating the Effects of Acylated Lactoferricin Peptides on the Properties of Lipid Bilayers Using Gramicidin A Channels as Probes,” **Shemille A. Collingwood**<sup>1</sup>, Olaf S. Andersen<sup>1</sup>, Faith Hurd<sup>2</sup>, Denise V. Greathouse<sup>2</sup>. <sup>1</sup> Weill Medical College of Cornell University.

“Ion Permeation through Ala --> Ser Substituted Gramicidin A Channels,” **Tashalee R. Brown**, Jung H. Kim, Yuhui Li, Anna E. Daily, Roger E. Koeppe II, Benoit Roux, Olaf S. Andersen, Weill Cornell Medical College, University of Chicago.

“The Insulin-sensitizers Troglitazone and Rosiglitazone Alter Lipid Bilayer Properties” **Radda Rusinova**<sup>1</sup>, Roger E. Koeppe II<sup>2</sup>, Olaf S. Andersen<sup>1</sup>. <sup>1</sup> Weill Medical College of Cornell University.

“Poster NSAIDs Alter Lipid Bilayer Mechanical Properties,” **Subhi J. Al’Aref**<sup>1,2</sup>, Olaf S. Andersen<sup>1</sup>, Roger E. Koeppe II<sup>3</sup>. <sup>1</sup> Weill Cornell Medical College, <sup>2</sup> New York Presbyterian Hospital – Weill Cornell Medical Center.

Charles Wilkins presented “Comparative Analysis of Phospholipid Profiles of *Saccharomyces Cerevisiae* Mutants that Forms a Complex with Met4 Transcription Factor by MALDI FTMS.” PITTCO (60<sup>th</sup> Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy), March 8-13, 2009, Chicago, IL

Sasa Miladinovic presented “LDI-FTMS Analysis of Polyacetylene Thin Films Deposited on Silicon by Unipolar Discharge Plasma Polymerization.” PITTCO (60<sup>th</sup> Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy), March 8-13, 2009, Chicago, IL

Maha Shrestha presented “New Applications of Allylic Diazene Rearrangement (ADR).” 237<sup>th</sup> American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

Juliette Rivero-Castro presented “Toward the Total Synthesis of Antascomycin B. Obtention of the C10-C16 Fragment *via* [3+3]-Sigmatropic and Allylic Diazene (ADR) Rearrangement Sequence.” 237<sup>th</sup> American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

Silvana S. Dormi presented “Towards the Synthesis of Sclerophytin A.” 237<sup>th</sup> American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

David Clay presented “Toward the Total Synthesis of Antascomycin B *via* an Ireland Claisen (CR) and Allylic Diazene (ADR) Rearrangement Sequence.” 237<sup>th</sup> American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

Tamilselvi Marutharaj presented “Synthesis of Dinuclear Ruthenium (II) Diphen Complex of HAT and TAP.” 237<sup>th</sup> American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

Paul Adams presented “Biophysical, Biochemical, and Bioanalytical Approaches to Characterize Diverse Molecular Details of Ras-Related Proteins.” 36<sup>th</sup> Annual Meeting of the National Organization of Black Chemists and Chemical Engineers, April 14, 2009, St. Louis, MO

Bob Gawley presented “Catalytic Dynamic Thermodynamic Resolution: Is it Possible?” 19<sup>th</sup> Lakeland Heterocyclic Symposium, May 7-11, 2009, Grasmere, Cumbria

Coy Batoy presented a poster “MALDI FTMS Comparative Analysis of Phospholipid Profiles of *Saccharomyces cerevisiae* Exposed to Cadmium.” 57<sup>th</sup> ASMS Conference, May 31-June 4, 2009, Philadelphia, PA

Lakshmi Kannan presented a poster “Stable Isotope Free Direct MADI-MS Quantitation of Beta Defensin 2 Regulated by TLR Activation in Chicken Heterophils.” 57<sup>th</sup> ASMS Conference, May 31-June 4, 2009, Philadelphia, PA

Rohana Liyanage presented a poster “Protein Equilibrium Population Snapshot (PEPS) MS Method for Measuring Protein Folding Energies using H/D Exchange and Oxidation of Methionine.” 57<sup>th</sup> ASMS Conference, May 31-June 4, 2009, Philadelphia, PA

Sasa Miladinovic presented a poster “Surface Analysis of Hydrocarbon Plasma Polymers by UV-LDI-FTMS.” 57<sup>th</sup> ASMS Conference, May 31-June 4, 2009, Philadelphia, PA

Feng Chen presented “Multifunctional Biomembranes of TiO<sub>2</sub>-Nanobelts.” 2009 Materials Research Society (MRS), April, 2009, San Francisco, CA

Sasa Miladinovic presented “Fragmentation of Random and Block Polyacrylate Copolymers by SORI-CID, Q-CID, and ECD FTMS.” 7<sup>th</sup> North American FTMS Conference, April, 2009, Key West, FL

## COMMUNICATION

### **BOOKS:**

Adams, T. and **Smith, S. A.**, Eds., (2008) *Electronic Tribes*, Austin: University of Texas Press.

**Frentz, T. S.** (2008). A Trickster in Tweed: The Search for Quality in a Faculty life. Walnut Creek, CA: Left Coast Press.

## **BOOK CHAPTERS:**

**Allen, M. W.** (2008). Consumer finance and parent-child communication: Useful theories for future explorations. In Jing Xia (Ed.), *Consumer finance and parent-child communication*. New York: Springer.

**Amason, P.** & Webb, Lynne. M. (2008). Interpersonal communication surrounding HIV and other sexually transmitted diseases. In Kevin B. Wright & Scott D. Moore (Eds.), *Applied Health Communication: A Sourcebook*, Hampton Press.

## **JOURNAL ARTICLES:**

**Allen, M.**, Armstrong, D., Reid, M. F., & Riemenschneider, C. (2008). Factors impacting the perceived organizational support of IT employees. *Information & Management*, 45, 556-563.

**Allen, M.** (2008). Consumer finance and parent-child communication: Useful theories for future explorations. In Jing Xia (Ed.), Consumer finance and parent-child communication (pp.351-362). New York: Springer.

**Frentz, T. S.** (2008). “*Festum Asinorum: A Trickster at Play.*” *Qualitative Inquiry*, 14/5 (July), 742-766.

**Frentz, T. S.** (2008). Ravaged by Rhetoric. *Communication Currents*, 3/6, 1-2.

Gunn, J. & **Frentz, T. S.** (2008). Alchemical Rhetoric in *The Da Vinci Code*. *Western Journal of Communication*, 72:2, 1-25.

McGehee, C. D., & **Webb, L. M.** (2008). Communication training as described by independent practitioners: A first look. *American Communication Journal*. 10 (2).

Reid, M., **Allen, M. W.**, Riemenschneider, C., & Armstrong, D. (2008). Affective organizational commitment in state government: The case of IT professionals. *American Review of Public Administration*, 38, 41-61.

Reid, M., **Allen, M. W.**, Riemenschneider, C., & Armstrong, D. (2008). The role of mentoring and supervisory support for state IT employees' affective organizational commitment. *Review of Public Personnel Administration*, 28, 3-19.

**Schulte, S. R.**, (2008). The WarGames Scenario: Regulating Teenagers and Teenaged Technology (1980—1984) *Television & New Media*, Vol. 9, No. 6, 487-513.

**Schulte, S. R.** (2009). Self-Colonizing eEurope: The Information Society Merges onto the Information Superhighway. *Journal of Transnational American Studies* 1:1.

**Smith, L. A.** (2008). Law Imitating Art: American Judicial Opinions Performing *The Merchant of Venice*, *Communication Law Review*, 8.2: 1-24.

**Smith, L. A.** (2008). The Southern Tradition Baying: Race, Religion, and Rhetorical Redoubts,” *American Communication Journal*, 10.2.

Thompson-Hayes, M., & **Webb, L. M.** (2008). Documenting mutuality: Testing a dyadic and communicative model of marital commitment. *Southern Communication Journal*, 73, 143-159.

Thompson-Hayes, M., Gibson, Danna M., Scott, A. T., & **Webb, L. M.** (2009). Professorial collaborations via CMC: Interactional Dialectics. *Computers in Human Behavior*, 25, 208-216.

**Warren, R.**, Wicks, J., **Wicks, R. H.**, Fosu, I, Chung, D. (2008). Food and Beverage Advertising on US Television: A Comparison of Child-Targeted versus General Audience Commercials. *Journal of Broadcasting and Electronic Media*, 52, 231-246.

**Webb, L. M.** (2008). Communication and commitment in close, personal relationships: Selecting the research reports. *Southern Communication Journal*, 73, 1-3.

**Webb, L. M.** (2008). Compliance-gaining strategies for HIV/AIDS talk: College students’ suggestions for initiating conversations with potential sex partners. In M. U. D’Silva, J. Hart, & K. L. Walker, Eds., *HIV/AIDS prevention and health communication* (pp. 174-196). Newcastle, UK: Cambridge Scholars Publishing.

**Wicks, R. H.** (2008). Processing and elaboration of information on interactive websites. *Revista Iberoamericana de Communication*, 13, 39-50.

### **OTHER PUBLICATIONS:**

**Corrigan, L. M.** (2008). Review of Forced Passages: Imprisoned Radical Intellectuals and the U.S. Prison Regime. *Quarterly Journal of Speech*, 4, 122-126.

**Frentz, T. S.** (2009). “Kendall R. Phillips, *Controversial Cinema: The Films that Outraged America*, *Southern Communication Journal*. 24/1: 1-3.

**Wicks, R. H.**, & Souley, B. (2008). Alternative media in politics. *Encyclopedia of political communication*, 27-31. Sage Publications.

**Wicks, R. H.** (2008). Political information processing. *Encyclopedia of political communication*, 27-31. Sage Publications

### **CONVENTION, CONFERENCE AND INVITED PRESENTATIONS:**

**Allen, M. W.** (2008). Adaptive capacities of state IT departments: Perceptions of CIOs coping with change. Paper presented at the 9th Annual International Conference on Digital Government Research, Little Rock, Arkansas.



**Allen, M. W.**, Armstrong, D. J., Reid, M. F., & Riemenschneider, C. K. (2009). IT employee retention: Employee expectations and workplace environments. Paper presented at the SIGMIS-CPR 2009 Conference in Limerick, Ireland.

**Amason, P., Webb, L. M.**, Agee, P. K., Wilson, M., & Zaraki, M. (2009). The challenges of safer sex talk: College students' descriptions of conflicts during interactions with intimate partners. Paper presented at the Southern States Communication Association, Norfolk, VA (designated as "Top Four Paper" in Interpersonal Communication).

**Corrigan, L. M.** (2008). Death Row's Father and Prophet: The Writings of Mumia AbuJamal. Paper presented at the National Communication Association Convention, San Diego, CA.

**Corrigan, L. M.** (2009). The Rhetoric of Resistance in the Global Context." Paper presented at the annual convention of the Southern Communication Association Convention, Norfolk, VA.

**Corrigan, L. M.** (2009). The Importance of Feminist Pedagogy in the Terminal Master's Program. Paper presented at the annual convention of the Southern Communication Association Convention, Norfolk, VA.

**Corrigan, L. M.** (2009). Patriotism and Nationalism. OMNI Forum. Nightbird Books, Fayetteville, AR.

**Corrigan, L. M.** & Utley, E. A. (2009). Barack Obama: A Dialogue in Black and White. Clinton House Museum, Fayetteville, AR.

**Corrigan, L. M.** (2009). Barack Obama's First Inaugural Address: Preliminary Comments. Senior Democrats of Northwest Arkansas, Springdale, AR.

Fields, T., Bouphe, S., Stell, M., & **Webb, L. M.** (2009). Characteristics of political blogs: What contributes to the popularity of one versus another? Paper presented at the Southern States Communication Association, Norfolk, VA.

**Frentz, T. S. & Rostek, T.** (2008). *An Inconvenient Truth*: Myth and Multiple Genres in Popular Environmental Rhetoric." Paper presented at the National Communication Association. San Diego, CA. (designated as "Top Paper" in the Environmental Communication Division).

Johnson, K. B., & **Webb, L. M.** (2009). Death of a child: Mothers' accounts of interactions with their surviving children. Paper presented at the Western States Communication Association, Mesa, AZ.

Mertensmeyer, A. M., Ford, C. A., Lawrence, P., & **Webb, L. M.** (2009). The race is on: An examination of the 2008 presidential candidates' web sites early in the primary season, Paper presented at the Southern States Communication Association, Norfolk, VA.

Morledge, C. L., & **Webb, L. M.** (2009). Emotional intelligence and conflict in romantic relationships among college students. Paper presented at the Southern States Communication Association, Norfolk, VA. (designated as "Top Paper" in Interpersonal Communication).

Reid, M., Riemenschneider, C., **Allen, M.W.**, & Armstrong, D. (2008). Adaptive capacities of state IT departments: Perceptions of CIOs coping with change. Paper presented at the 9th Annual International Conference on Digital Government Research, Montreal, Canada.

**Scheide, F. M.** (2008). Petty Crime in Fred Karno's Music Hall Sketches as an Influence in the Early Films of Charlie Chaplin, paper presented at the Eleventh Annual British Silent Cinema Festival, Nottingham, England.

**Scheide, F. M.** (2008). Cherokee Philosophy as American Heritage: Will Rogers and the White Path, paper presented at the 16th Annual Buster Keaton Celebration, Iola, Kansas.

**Scheide, F. M.** (2008). "The Influence of English Music Hall and American Vaudeville on Silent Film Performance in the Films of Little Tich, Charlie Chaplin, and W.C. Fields," *Le Giornate del Cinema Muto*, (27<sup>th</sup> Pordenone Silent Film Festival), Pordenone, Italy.

**Scheide, F. M.** (2008). "Boarding School Memories: Interview with D.B. Whitekiller," and "Cherokee Philosophy as American Heritage: Will Rogers and the White Path," Wal-Mart Tribal Voices Conference, Bentonville, Arkansas.

**Schulte, S. R.** (2009). Blogging into the Future: The Internet as Unmediated Proxy of the Self. Paper presented at the annual convention of the International Communication Association.

Scott, Teresa M. & **Amason, P.** (2008). Mother-daughter connection: Evaluating familial relationships and their influence on female perceptions of success. Paper resented at the annual convention of the National Communication Association, San Diego.

**Smith, L. A.** (2008). In Our Own Image: The Rhetorical Reconstruction of Abraham Lincoln." Paper presented at the International Communication Association Congress of the Americas II, Mexico City, DF.

**Smith, S. A.** (2008). The Legal Issues: The ACA Free Online Public Speaking Textbook. Paper presented at the International Communication Association Congress of the Americas II, Mexico City, DF.

**Webb, L. M.** (2008). Integrating theory in the Conflict and Communication course. Paper presented at the Southern States Communication Association, Savannah, GA.

**Wicks, R.** (2008). Processing and elaboration of news and information on political interactive websites. Presented at the annual meeting of the Association for Education in Journalism and Mass Communication, Chicago, IL.

Wicks, J.L., **Warren, R., Wicks, R.,** & Fosu, I. (2008). All Part of a Child's Balanced Television Diet? Emotional Appeals, Production Values, and the Presence of Disclaimers in Food and Beverage Advertising. Paper presented to the annual convention of the International Communication Association, Montreal, Canada.

Wilson, M. L., Hodges, M., Smith, P. A., Zakeri, M., & **Webb, L. M.** Social networking on Facebook: How college students work it. Paper presented at the National Communication Association, San Diego, CA.

## **DRAMA**

### **REFEREED ARTICLES AND PRESENTATIONS:**

Brusstar, Terry – “For Beth”, Choreography for The Breast Cancer Dance Project, University of Arkansas Little Rock Performing Arts Center, October, 2008.

Dwyer, Mavourneen – Review for Cicely Berry’s **From Word to Play: A Handbook for Directors**, VASTA Voice and Speech Review, July, 2009.

Gibbs, D. Andrew -- “*The Migration of International Lighting Equipment to the U.S. Market*”, U.S.I.T.T. National Convention, Houston, Texas, March, 2008.

Gibbs, D. Andrew – “Elements of Theatre Planning and Design”, U.S.I.T.T. Southwest Symposium, West Texas A & M University, Canyon, Texas, January, 2008.

Herzberg, Amy – Chaired Panel -- “*Training As Preparation for the Profession*””, National Congress of Acting Teachers, New York, January, 2008.

Riha, Michael –Book Review of Stephen Sherwin’s **Scene Painting Projects for the Theatre**, The painter’s Journal, Volume 6, Number 1, Spring, 2008.

Stone, Patrick – “Gas Spring-Assisted Caster Jacks”, U.S.I.T.T. National Convention, Houston, Texas, March 2008.

## **ENGLISH**

### **BOOKS:**

BOOKER, M. KEITH. *Red, White, and Spooked: The Supernatural in American Culture*. Westport, CT: Praeger, 2009. 204 pp.

*The Science Fiction Handbook*. Oxford: Wiley-Blackwell. Co-authored with Anne-Marie Thomas, 2009. 348 pp.

BROCK, GEOFFREY. trans. *Pinocchio*. by Carlo Collodi, intro. by Umberto Eco, afterword by Rebecca West. New York: New York Review Books, Nov. 2008. 208. pp.

COCHRAN, ROBERT. *Louise Pound: Scholar, Athlete, Feminist Pioneer*. Lincoln, NE: University of Nebraska Press, 2009. 319 pp.

DUVAL, JOHN. *Interpreting a Continent: Voices from Colonial America*. Rowman and Littlefield, with Kathleen DuVal, 2009. 296 pp.

*Fabliaux Fair and Foul*. Pegasus Press, with Raymond Eichmann, reprint: third printing, 2009. 165 pp.

HEFFERNAN, MICHAEL. *The Odor of Sanctity*. Cliffs of Moher, Co. Clare, Ireland: Salmon Poetry, 2008. 100 pp.

JOLLIFFE, DAVID A. ed. *Reading and Writing Analytically*. New York: The College Board, 2008.

KAHF, MOHJA. *Mubarakatun Anti Bayn Al-Nisa (Blessed Art Thou Among Women): Poems by Mohja Kahf*. Translated into Arabic by Lofti Hadad. Beirut, Lebanon: Arab Scientific Publishers Inc., 2008. 78 pp.

LENTZ MADISON, KAREN and R.D. Madison, eds. *Ned Myers; Or, A Life Before the Mast*. by James Fenimore Cooper. Cooper Edition. New York: AMS Press, March 2009. 252 pp.

*Trumbull's Natick Dictionary*. Textual Editor with Robert D. Madison. U. of Nebraska Press, April 2009. 400 pp. Preface for the Bison Books edition, v-xi.

DAVID A. JOLLIFFE and Hephzibah Roskelly. *Everyday Use: Rhetoric at Work in Reading and Writing*. Texas AP edition. New York: Pearson/Longman, 2009. 272 pp.

## **CHAPTERS:**

BOOKER, M. KEITH and TERRENCE TUCKER. "Superheroes and Comics." *African Americans and Popular Culture. Volume 3: Music and Popular Art*. Ed. Todd Boyd. Westport, CT: Greenwood, 2008, pp. 161-182.

"The Other Side of History: Fantasy, Romance, Horror, and Science Fiction." *The Cambridge Companion to the Twentieth-Century English Novel*. Ed. Robert L. Caserio: Cambridge UP, 2009, pp. 251-66.

CANDIDO, JOSEPH. "Why is *Twelfth Night* Called *Twelfth Night*?" *Reconciliation in Selected Shakespearean Dramas*. Ed. Beatrice Batson. Cambridge: Cambridge Scholars Publishing, 2008, pp. 115-134.

GILES, MOLLY. "Your 69 Years Old: Friend or Foe?" *Eye of My Heart*. Ed. Barbara Graham. New York: Harper Collins, 2009, pp. 15-26.

TUCKER, TERRENCE. "Do You See What I See Teaching Race in the Age of Colorblind America." *Teaching Race in the 21st Century: College Teachers Talk about Their Fears, Risks, and Rewards*. Ed. Lisa Guerrero. New York: Palgrave Macmillan, 2008, pp. 151-160.

"American Negroes Revisited: The Intellectual and The Badman in Walter Mosley's *Fearless Jones* Novels." Eds. Owen E. Brady and Derek C. Maus. Jackson, MS: U. of Mississippi Press, 2008, pp. 97-108.

### **REFEREED SCHOLARLY AND CREATIVE PUBLICATIONS:**

BERNHARD JACKSON, EMILY. Review of *Liberty and Poetic License* for *The Byron Journal*. (2008).

BROCK, GEOFFREY. "Sonnet of the Seven Chinese." Translated poem. by Franco Fortini, *Poetry* 194.1. (Apr. 2009).

"Translator's Note." Original essay. *Poetry* 194.1. (Apr. 2009).

"Lauds." Original poem. *Able Muse: A Review of Poetry, Prose & Art* (Jan. 2009). Web.

"All He Whispered." Original poem. *Able Muse: A Review of Poetry, Prose & Art* (Jan. 2009). Web.

"Shades of Tucson: 2005." Original poem. *Able Muse: A Review of Poetry, Prose & Art* (Jan. 2009). Web.

"November." Translated poem. by Giovanni Pascoli, *Able Muse: A Review of Poetry, Prose & Art* (Jan. 2009). Web.

"Fallen Oak." Translated poem. by Giovanni Pascoli, *Able Muse: A Review of Poetry, Prose & Art* (Jan. 2009). Web.

"Landscapes That Can't Be Trusted." Original poem. *Mare Nostrum* 5 (Nov. 2008).

"Storm." Translated poem. by Giovanni Pascoli, *Mare Nostrum* 5 (Nov. 2008).

Sky-Blue Hair, a Custard Carriage, and Endless Attention, translated essay, by Umberto Eco, in *The Drawbridge* 2.12 (Dec. 2008).

"Five Poems for the Game of Soccer." Translated poems, by Umberto Saba. *The Global Game: Writers on Soccer*, J. Turnbull, T. Satterlee, and A. Raab, eds. Lincoln, NE: U. of Nebraska Press, 2008.

The Mariner: A Static Drama in One Scene. Translated play by Fernando Pessoa. *The Brooklyn Rail* (Sept. 2008).

"Prof of Profs." Original poem. *Poetry* 192.4 (July/Aug 2008).

- COCHRAN, ROBERT. Review of *In Search of the Blues*. Marybeth Hamilton. *Arkansas Historical Quarterly* 68.1 (2009): 108-112.
- DUVAL, JOHN. "The Sound of James Whitehead's Poetry." *Measure* 3.2 (2009): 31-40.
- GILCHRIST, ELLEN. "The Bridge." *The Washington Post Sunday Magazine* (2009).
- Essay in *Eye of My Heart: An Anthology*. Harper Collins, 2009.
- GILES, MOLLY. "Kansas: A Short Story." Henderson State U. Arkadelphia, AR. (2009). Web.
- "Banyan." *Cimarron Review* 165 (2008): 17-25.
- "Give Me That." *Green Mountains Review* 21.2 (2009): 11-18.
- "Gold Diggers." *Subtropics* 7.1 (2009): 100-108.
- HEFFERNAN, MICHAEL. "They Always Say He Marks the Sparrow's Fall." *Poetry Northwest* 5.2 (2008): 19.
- "Wind." *The Aroostook Review* 3.2 (2008). Web.
- "Awake." *The Aroostook Review* 3.2 (2008). Web.
- "A Bar of Chinese Soap." *The Aroostook Review* 3.2 (2008). Web.
- "A New House." *The Aroostook Review* 3.2 (2008). Web.
- "The Bloody Border." *The Aroostook Review* 3.2 (2008). Web.
- "Long Lost." *The Gettysburg Review* 21.3 (2008): 410-11.
- "The Origin of the World." *The Gettysburg Review* 21.3 (2008): 412-13.
- "Purple." *Poetry Ireland Review* 95 (2008): 27.
- "All You Can Eat." *Margie* 7 (2008): 210.
- "Drunk on Power." *Margie* 7 (2008): 211-12.
- "All Kinds of Harmless Mayhem." *Arkansas Literary Forum* 10 (2008). Web.
- "At the Mouth of the Cave." *Arkansas Literary Forum* 10 (2008). Web.
- "Reading and Writing Poetry." *Poetry: Reading It, Writing It, Publishing It*. Jessie Lendennie, ed. Cliffs of Moher, Co. Clare, Ireland: Salmon Poetry, 2009, pp. 31-35.

"Speak the Speech, I Pray You." *For, From, About James T. Whitehead*. Michael Burns, ed. Springfield, Missouri: Moon City Press, 2009, p. 101.

HINRICHSSEN, LISA. "'I Can't Believe It Was Really Real': Violence, Vietnam, and Bringing War Home in Bobbie Ann Mason's *In Country*." *Southern Literary Journal* 40.2 Special Issue on History, Memory, and Mourning (2008): 232-248.

"A Defensive Eye: Anxiety, Fear and Form in the Poetry of Robert Frost." *Journal of Modern Literature* 31.3 (2008): 44-57.

JOLLIFFE, DAVID A. Manning, Carmen, Kendra Sisserson, David Jolliffe, Patty Buenrostro, and Wendy Jackson, "Program Evaluation as Professional Development: Building Capacity for Authentic Intellectual Achievement in Chicago Small Schools." *Education and Urban Society* 40.6 (2008): 715-729.

Jolliffe, David A., and Allison Harl, "Studying the 'Reading Transition' from High School to College." *College English* 70.6 (2008): 599-617.

KAHF, MOHJA. "Asiya Is Waiting for a Sign" and "Among the Midianites on U.S. 31." *Tiferet: A Journal of Spiritual Literature* 7.3 (2008): 80-82.

"Lifting the Hajar Heel" *Language for a New Century: Contemporary Voices from the Middle East, Asia, and Beyond*. ed. Ravi Shankar, Nathalie Handal, Carolyn Forché, Tina Chang. New York: W. W. Norton, 2008, p. 84.

LENTZ MADISON, KAREN. "Come, All You Sons of Liberty: The American Naval Ballad in the Early 1840s." Co-authored with R.D. Madison. *Literature of the Early American Republic: Annual Studies of Cooper and His Contemporaries*, Inaugural Issue. (2008).

#### **INVITED, REPRINTED AND UN-REFEREED PUBLICATIONS:**

BROCK, GEOFFREY. "The State of Virginia after Southampton: 1831." Original poem. In *From the Fishhouse: An Anthology of Poems that Sing, Rhyme, Resound, Syncopate, Alliterate, and Just Plain Sound Great* (with audio CD), Camille T. Dungy, Jeffrey Thomson, and Matt O'Donnell, eds. New York: Persea Press, 2009.

"Flesh of John Brown's Flesh: Dec. 2, 1859." Original poem. in *The City* 2.1, Ben Domenech, ed. Houston: Houston Baptist University (Spring 2009).

"Cold Harbor: 3 June 1864." Original poem. in *The City* 2.1, Ben Domenech, ed. Houston: Houston Baptist University (Spring 2009).

"Haskell at Gettysburg: 1863." Original poem. in *The City* 2.1, Ben Domenech, ed. Houston: Houston Baptist University (Spring 2009).

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### **INVITED LECTURES:**

Condray, Kathleen. "The Legacy of Friedrich Gerstäcker: How Arkansas became Germany's Wild West." Museum of the Grand Prairie, Stuttgart, Arkansas, June 2009.

Fredrick, David. "Queer Poem, Queer Walls," Classics Department of the University at Buffalo, March 30, 2009.

Hoyer, Jennifer. "Poetics of the In-Between," UA FLAN Faculty Lunch Colloquium March 2008.

Hoyer, Jennifer. "The Strange Case of the Jewish Press in the 1930s," German Summer School, Taos, New Mexico, June 2009.

Hoyer, Jennifer. "Music and Art in the German Language Classroom," Arkansas State Meeting of the American Association of Teachers of German, Springdale, Arkansas, September 2008. (Invited.)

Hoyer, Jennifer. "A Day in Taos," Regional Meeting of the Arkansas Foreign Language Teachers' Association, Springdale, Arkansas, December 2008. (Invited.)

Levine, Daniel. "The Shod and the Unshod in Ancient Greek Literature and Life" Hendrix College: Conway, Arkansas, October 28.

Pappas, Alexandra. "Language Arts: The Hellenistic *Technopaegnia* as Art Historical Theory and Practice," for FLAN Brown Bag series, University of Arkansas.

Rozier, Louise, "Analysis and Translation of Paola Masino's "Milk." For FLAN Brown Bag Series..

Turner Joan F. "Foreign Languages and the Learning Disabled Student.". University of Arkansas, CIED 5953, Special Methods of Instruction. November 2008.

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Álvarez, Raúl. "De ciudad representada a ciudad creada: a vueltas con el parto ciudadano de Celestina" (44th International Congress on Medieval Studies, Western Michigan University, Kalamazoo, Michigan, May 2009).

Arenberg, Nancy. "Paternal Loss and Grieving: Recovering Jewish Identity in Albert Bensoussan's Le Dernier devoir," Kentucky Foreign Language Conference, April 2009.

Billings, Sabrina. "Speaking Beauties: Language use & ideologies in Tanzanian beauty pageants." Paper accepted for presentation at 14<sup>th</sup> Conference of the International Association for World Englishes, Hong Kong Dec. 08

Christiansen: "Educating Nélide and Valentia: Female Mentorship in Two Works by Marie d'Agoult," Kentucky Foreign Language Conference, April 2009.

Comfort: "Resurrecting René: Marie Chaix's Les Lauriers du lac de constance and Marie Gatard's La Guerre, mon père," Kentucky Foreign Language Conference, April 2009.

Condray, Kathleen. "From Graduate Student to Section Head: Navigating the Tenure-Track in German Studies Now." American Council on the Teaching of Foreign Languages, Orlando, Florida, November 2008.

Green, Jonathan. "The Non-deluge of 1524 and other Crises of Print," 44th International Congress on Medieval Studies, Kalamazoo, Michigan, May 2009.

Hoyer, Jennifer. "Texts in the Sky, The Sea, and the Sand: Poetics and Ethics of the in-between," American Comparative Literature Association, Long Beach, California, April 2008.

Hoyer, Jennifer. "The Poetic Ihr," German Studies Association National Annual Meeting, St. Paul, Minnesota, October 2008.

Hoyer, Jennifer. "The Impossible and the Necessary: Jewish Life in Germany," Missouri State Southern University German Semester Colloquium, Joplin, Missouri, October 2008.

Hoyer, Jennifer. "Flowerless Gardeners: Barbaric Poetry after Auschwitz," Missouri Southern State University German Semester Colloquium, Joplin, Missouri, October 2008.

Levine, Daniel. "Hephaistos' Winged Shoes and the Birth of Athena" Classical Association of the Middle West and South, Minneapolis MN (April 3).

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Pappas, Alexandra. "Language Arts: The Hellenistic *Technopaegnia* as Art Historical Theory and Practice," APA/AIA Conference, Philadelphia, PA.

Pritchett, Kay. "*No escribir*: Brevity Is the Key" (Kentucky Foreign Language Conference, Lexington, KY, April 2009).

Restrepo, Luis Fernando. "Los muisca y el malestar del multiculturalismo colombiano. Reflexiones en torno a las novelas *Fomagata* de Joaquín Piñeros Corpas y *Los hijos del agua* de Susana Henao" (Kentucky Foreign language Conference. Lexington, KY, April 16, 2009).

Restrepo, Luis Fernando. "Furatena, Savage Love, and Nation" (Arkansas Philological Association 2008 Conference, University of Arkansas at Fort Smith, October 10, 2008).

Rozier, Louise. "Images of Mothers in Natalia Ginzburg's 'La madre' and Elsa Morante's *Lo scialle andaluso*." AATI at ACTFL. National Conference. Orlando, FL, November 2008.

Tucker, Janet. "Reading the Sons Through Their Mothers in *The Brothers Karamazov*," American Association for the Advancement of Slavic Studies, Philadelphia, PA, November, 2008.

Villalobos-Ruminott, Sergio. "Marxismo y destruccion" (International Conference on Marx, Santiago De Chile, November 2008).

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Condray, Kathleen. Of: "On the Reception of 'Exotic' Autobiographies by the German Reading Public: German-speaking Women in Africa at the Cusp of the 21st Century." for *Colloquia Germanica*.

Green, Jonathan. Review of "Using Flash-based software to improve pronunciation perception and production" for *Die Unterrichtspraxis*.

### **EDITING:**

Christiansen, Hope. Book Review Editor, Literary History & Criticism, *French Review*.

### **GRANTS:**

Pappas, Alexandra. \$150. received from the Committee for the Promotion of Latin for Eta Sigma Phi students to attend and facilitate Latin events at the Foreign Language Festival in Heber Springs.

Restrepo, Luis Fernando. \$3000 Teaching Grant for the project “Heritage Speakers, Empowerment, Leadership, Service” from the Office of Institutional Diversity and Education to support the newly instituted course SPANISH 3123, Heritage Speakers.

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### **EXCERPTS:**

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**Teng, F.-Z.**, 2008. *Lithium, magnesium and iron isotopic composition of the Moon*, NLSC 2008.

**Teng, F.-Z.**, Dauphas, N. and Helz, R.T., 2008. *Iron isotope fractionation during magmatic differentiation*, 7th International SF-ICP-MS Meeting, 2008 (Invited).

**Teng, F.-Z.**, 2008. *High-temperature lithium isotope fractionation*, Spring AGU (Invited).

**Teng, F.-Z.**, N. Dauphas and R.T. Helz, 2008. *Iron isotope fractionation during planetary differentiation*. LPSC.

Tennyson, Rodney, Jim Terry, **Van Brahana**, Phil Hays, and **Erik Pollock**, 2008. *Structural influences on past and current cave development in upper Davis Creek, Newton County, Arkansas*, GSA Abstracts with Programs, v.40, no.3, p.35

Thoma, G. **J. Cothren**, **F. Limp**, M. Williamson, J. Veil, B. Sullivan, P. Smith, 2008. *An Overview of Unconventional Natural Gas Development in the Fayetteville Shale Play*, Keynote Address, 15th Annual International Petroleum and Biofuels Environmental Conference, Albuquerque, NM, November 11.

Thorn, C.E., Darmody, R.G., Holmquist, J. and **Dixon, J.C.** 2008. *Comparison of radiocarbon dating of buried paleosols using arbuscular Mycorrhizae spores and buried soil samples. Third IAG/AIG SEDIBUD Workshop, Boulder, USA: Sediment Fluxes and Sediment Budgets in Changing High Latitude and High Altitude Cold Environments*, NGU report 2008-058, p. 34.

**Tullis, J.A.**, J.S. Jones, J.M. Guldin, F.M. Stephen, B. Culpepper, P. Smith, 2009. *Integrated Remote Sensing-assisted Decision Support for Red Oak Borer Hazard Response*, AAG 2009 Annual Meeting, 22-27 March 2009, Las Vegas, Nevada (Association of American Geographers, Washington D.C.)

**Tullis, J.A.**, 2008. *Integrated Spatial Decision Support for Red Oak Borer Hazard Response including an interactive red oak borer hazard map and website* (<http://asa.cast.uark.edu/>) to USDA Forest Service officials at a Columbia Regional Geospatial Service Center Workshop and to forest entomologists from around the US at the East Texas Forest Entomology Seminar, Nacogdoches, TX (9-10 Oct 2008).

**Tullis, J.A.**, J.S. Jones, F.M. Stephen et al., 2008. *Poster Satellite and LIDAR-derived GIS Inputs for Forest Inventory and Analysis in the Ozark Mountains* to students, faculty, and visiting public at the GIS Day Open House, University of Arkansas, Fayetteville, AR (19 Nov 2008).

**Tullis, J.A.**, J.R. Jones, F.DeClerk, T. Wirth, Z. Anderec, K. Wright, and S. Ogle, 2009. *Central America Regional Approach to REDD (Reduced Emissions from Deforestation and Degradation) Monitoring* at a *REDD Capacity Development Workshop*, "Forest Area Change Assessment: the Experience of Existing Operational Systems", National Institute for Space Research (INPE), Sao Jose dos Campos, Brazil (5 Feb 2009).

**Tullis, J.A.**, 2009. *Observing Forests, Landscapes, and Beyond* presented as part of the *Arkansas Public Lectures in Space and Planetary Sciences*, Fayetteville, AR (19 Feb 2009).

**Tullis, J.A.**, 2009. *Options on Central American Land Cover Monitoring*, Centro de Estrucios Ambientales, Universidad del Valle de Guatemala, Guatemala City, Guatemala and at the Centro Agronómico Tropical de Investigación y Enseñanza (CATIE), Turrialba, Costa Rica (April 2008)

**Tullis, J.A.**, 2008. *Central American Carbon Analysis and Remote Measurement of Deciduous Forest Biomass in the Ozark Mountains*, presented to Emil Pena, Executive Director of Energy and Environmental Systems Institute at Rice University, at Fayetteville, AR (June 2008).

**Turner, H.L., P.E. Jansma, G.S. Mattioli, S. Matson and H.M. Rodriguez Cesani**, 2008. *Yes, there is a northern Lesser Antilles forearc sliver: results from a decade of GPS observations*, EOS Trans. AGU, 89(53), Fall Meet. Suppl., Abstract G21A-0669.

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Vance, L. and **S.K. Boss**, 2008. *The Institutional Demotechnic Index—A Comparison of Technological Energy Consumption at U.S. Colleges and Universities*, Association for the Advancement of Sustainability in Higher Education Annual Meeting, Raleigh, NC, 8-12 Nov. 2008.

Voight, B. and 43 others inc. **G.S. Mattioli**, 2008. *The SEA-CALIPSO volcano imaging experiment on Montserrat: Part 1. Onshore seismometer deployments, tomography, and images from onshore stations*, IAVCEI General Assembly, Reykjavik, 18-25 August 2008.

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Winston, B., **S. Hausmann**, J.T. Scott, **S.K. Boss**, **R.K. Davis**, W.R. Green and R. Morgan, 2009. *A Bad Tasting Combination*, 13th Annual Arkansas Water Resource Conference, Fayetteville, AR, May 2009.

Winston, B., **S. Hausmann**, **R. Davis**, B. Morgan and R. Green, 2008. National Association of Black Geologists & Geophysicists, “Advancing the Geosciences - The Next Generation”. Atlanta, September 2008. *INVITED TALK*.

### **BOOK CHAPTERS:**

**Dixon, J.C.** and S. McLaren 2009. Duricrusts. In: Parsons A. and A.D. Abrahams (eds) *Geomorphology of Desert Environments* 2nd edition. London. Springer 123-151.

**Dixon, J.C.** 2009. *Aridic soils, patterned ground and desert pavements*, Parsons A. and Abrahams, A.D. (eds) *Geomorphology of Desert Environments* 2nd edition. London. Springer 101-122.

**Dixon, J.C.** and Lumbert, D.W. 2008. Geomorphology and lithology of Brown Bluff in: Guendling, R.L. et al (eds) *Brown Bluff: Modern excavations and reanalysis of 1932 collections at a national register bluff shelter (3WA10), Washington County, Arkansas*, Arkansas Archeological Survey, final report AAS 896, pp. 30-52.

## HISTORY

### **BOOKS PUBLISHED:**

Robert Finlay, *Venice Besieged: Politics and Diplomacy in the Italian Wars, 1499-1534* (London: Ashgate, 2008)

Elizabeth Markham, *Saibara: Japanese Court Songs of the Heian Period. Volume I: Text* (Cambridge: Cambridge University Press, paperback republication, 2009)

Elizabeth Markham, *Saibara: Japanese Court Songs of the Heian Period. Volume II: Music* (Cambridge: Cambridge University Press, paperback republication, 2009)

Kathryn Sloan, *Runaway Daughters: Seduction, Elopement, and Honor in Nineteenth-Century Mexico* (Albuquerque: University of New Mexico Press, 2008)

Tricia Starks, *The Body Soviet: Hygiene, Propaganda, and the Revolutionary State* (Madison: University of Wisconsin Press, 2008)

Tricia Starks with Matthew P. Romaniello (editors), *Tobacco in Russian History and Culture: From the Seventeenth Century to the Present* (New York/London: Routledge, 2009)

Daniel Sutherland, *A Savage Conflict: The Decisive Role of Guerrillas in the American Civil War* (Chapel Hill: University of North Carolina Press, 2009)

William Tucker, *Mahdis and Millenarians: Shi'ite Extremists in Early Muslim Iraq* (Cambridge: Cambridge University Press, 2008)

Elliott West, *The Last Indian War: The Nez Perce Story* (Oxford: Oxford University Press, 2009)

Rembrandt Wolpert with D. R. Widdess (editors), *Music and Tradition: Essays on Asian and other musics presented to Laurence Picken* (Cambridge: Cambridge University Press, paperback republication, 2009)

### **BOOKS UNDER CONTRACT:**

Alessandro Brogi, *Confronting Anti-Americanism: America's Cold War against the Communists in France and Italy* (University of North Carolina Press, 2010)

Lynda Coon, *Dark Ages Bodies: Gender and Monastic Practice in the Early Medieval West* (University of Pennsylvania Press, 2010)

Robert Finlay, *The Pilgrim Art: The Culture of Porcelain in World History* (University of California Press, 2009)



Robert Finlay, *Weaving the Rainbow: Visions of Color in World History* (University of California Press, 2012)

Joel Gordon, *Egypt's Muslim Brotherhood* (University of California Press, 2012)

Michael Pierce, *Striking with the Ballot: Labor Politics in the Populist and Progressive Eras* (Northern Illinois University Press, 2010)

Charles Robinson (ed.), *Remembrances in Black: African American Perspectives on the Desegregation of the University of Arkansas, 1948-2000s* (University of Arkansas Press, 2010)

Beth Schweiger, *Reading before Literacy: Southern Readers and Writers in the Early Nineteenth Century* (Yale University Press, 2011)

Kathryn Sloan, *Women's Roles in Latin America and the Caribbean* (ABC-CLIO/Greenwood, 2011)

Richard Sonn, *Sex, Violence and the Avant-Garde: Interwar French Anarchism* (Penn State University Press, 2010)

Daniel Sutherland, *Guerrillas, Partisans, and Bushwhackers: Inside the Guerrilla War* (Praeger, 2011)

Elliott West, *Creating the West: The American West from 1850-1900* (University of Nebraska Press, 2012)

Elliott West, *The Essential West* (Oklahoma University Press, 2011)

Jeannie Whayne, *Forging a Delta Empire: Lee Wilson and the Making of a Post-Civil War Plantation System* (Louisiana State University Press, 2010)

Randall Woods, *John Quincy Adams: Apostle of the American Empire* (Oxford University Press, 2012)

### **JOURNAL ARTICLES:**

Andrea Arrington, "Competitive Labour: Divisions between Zambian and Zimbabwean Workers," *African Studies* 68.1 (2009): 163-183

Liang Cai, "Dialectics between Reconstruction and Deconstruction: Some Reflections on Studies of Early Confucianism in American Sinology" 重構與解構: 對美國漢學界早期儒學研究的一些回顧和思考, *China Scholarship* 中國學術, 24 (2006—appeared in 2008): 228-247.

Liang Cai, Translation of "Shigaku Zasshi Summary of Japanese Scholarship for 2001: Shang, Zhou, Spring and Autumn," *Early China*, 30 (2005-2006—appeared in 2008): 205-222.

Lynda Coon, "Somatic Styles of the Early Middle Ages," *Gender and History* 20/3 (2008): 463-486

Robert Finlay, "The Voyages of Zheng He: Ideology, State Power, and Maritime Trade in Ming China," *The Journal of the Historical Society* 8/3 (2008): 327-348

Robert C. McMath, "Politics Matters: John D. Hicks and the History of Populism," *Agricultural History* 82 (Winter 2008): 2-6

Robert C. McMath (with Worth Robert Miller and others), "*The Populist Vision: A Roundtable Discussion*," *Kansas History: A Journal of the Central Plains* 32 (Spring 2009): 18-45

Michael Pierce, "The Mechanics of Little Rock: Free Labor Ideas in Antebellum Arkansas, 1845-1861," *Arkansas Historical Quarterly* 67 (2008): 221-244

Michael Pierce, "The William Jefferson Clinton Presidential Museum and Library," *Journal of American History* 83 (2008): 794-798

Beth Schweiger, "Alexander Campbell's Passion for Print: Protestant Sectarians and the Press in the Trans-Allegheny West," *Proceedings of the American Antiquarian Society* 108/1 (2008): 143-176

Daniel Sutherland, "James McNeill Whistler in Chile: Portrait of the Artist as Arms Dealer," *American Nineteenth-Century History* 9 (2009): 61-73

Daniel Sutherland, "Irregular Warfare, 1861-1865," *North & South Magazine* 11 (June 2009): 16-29

Calvin White, "In the Beginning, There Stood Two: Arkansas Roots of the Black Holiness Movement," *Arkansas Historical Quarterly* 68/1 (2009): 1-22

Randall Woods, "My Good Choices: LBJ and the Vietnam/Great Society Connection," *Diplomatic History* 32/3 (2008): 343-346

Randall Woods, "Conflicted Hegemon: LBJ and the Dominican Republic," *Diplomatic History* 32/5 (2008): 749-766

#### **CHAPTERS IN EDITED VOLUMES:**

Alessandro Brogi, "French and Italian Communists: Between Establishment and Anti-Establishment," in Günter Bischof, Peter Ruggenthaler, Stefan Karner (eds.), *The Prague Spring and the Warsaw Pact: Invasion of Czechoslovakia in 1968*, Harvard Cold War Studies Series (New York: Rowman and Littlefield, 2009), pp. 1-23

Lynda Coon, "Gender & the Body," in Thomas F. X. Noble and Julia Smith (eds.), *New Cambridge History of Christianity*, vol. 3, *Early Medieval Christianity, c. 600-1100* (Cambridge: Cambridge University Press, 2008), pp. 433-452

Joel Gordon, "River Blindness: Black and White Identity in Early Nasserist Cinema," in Israel Gershoni *et al* (eds.), *Narrating the Nile: Politics, Cultures, Identities* (Lynne Rienner, 2008), pp. 137-156

Benjamin Grob-Fitzgibbon, "Counterinsurgency, the Interagency Process, and Malaya: The British Experience?" in Kendall D. Gott and Michael G. Brooks (eds.), *The U.S. Army and the Interagency Process: Historical Perspectives* (Fort Leavenworth, Kansas: Combat Studies Institute Press, 2008), pp. 93-104

Elizabeth Markham, "Medieval Chinese Hymns in Japanese Buddhist Liturgy: Structure and Ornament," in Manuel Pedro Ferreira (ed.), *Medieval Sacred Chant: from Japan to Portugal=Canto sacro medieval: do Japão a Portugal* (Lisbon: Colibri, 2009), pp. 11-44

Tricia Starks, "Papirosy, Smoking, and the Anti-Cigarette Movement," in Romaniello and Starks (eds.), *Tobacco in Russian History and Culture* (London and New York: Routledge, 2009), pp. 132-147

Tricia Starks and Matthew P. Romaniello, "Tabak: An Introduction," in their *Tobacco in Russian History and Culture* (London and New York: Routledge, 2009), pp. 1-8

Daniel Sutherland, "Getting Right with Whistler: An Artist and His Biographers," in Lee Glazer *et al.* (eds.), *James McNeill Whistler in Context* (Washington, D.C.: Smithsonian Institution, 2009), pp. 169-182

Elliott West, "The *Other* War that Transformed America," in William A. Frazier and Mark K. Christ (eds.), *Ready, Booted, and Spurred: Arkansas and the U.S.-Mexican War* (Butler Center for American Studies, 2009)

Rembrandt Wolpert, "Lún'gǔ húntuō/Rinko-kodatsu 輪鼓禪脫: An early Central Asiatic drum dance?"

In: *Festschrift Prof.Dr. László Vajda zum 85. Geburtstag*. Ed. by T. Höllmann and C. Müller (München: Staatliches Museum für Völkerkunde), pp. 1-2

### **INTERNATIONAL CONFERENCE PROCEEDINGS:**

Robert Finlay, "Venice, the Spice Trade, and the Indian Ocean in the Age of Suleyman the Magnificent," *International Sea Power History Symposium* (Istanbul, Turkey)

Tricia Starks, "Smoking, Gender, and Health: 1844-1929," in Гендерное равноправие в России (Санкт Петербург: Алетейя, 2008)

## **INVITED PAPERS:**

Alessandro Brogi, "Fanfani and America: The Pursuit of a Special Relationship," Amintore Fanfani Foundation Conference, Rome, Italy (January 2009)

Lynda Coon, "Mapping Generational Change onto Medieval Sacred Space," Keynote address, Women's History Network Conference, University of Glasgow, Scotland (September 2008)

Robert Finlay, "Venice, the Spice Trade, and the Indian Ocean in the Age of Suleyman the Magnificent," International Sea Power History Symposium, Istanbul, Turkey (October 2008)

Joel Gordon, "Cinematic Youth Culture: Secular Imaginings and Anti-Idealizations—Retreat or Resurgence," The Decline of Secularism in Egypt? Simon Fraser University, Canada (August 2008)

Joel Gordon, "Cultures of Neutrality—Nasserism and Its Discontents," Columbia University, NYC (February 2009)

Joel Gordon, "Cinematic Youth Culture," Department of Middle Eastern Studies, Ben-Gurion University, Israel (May 2009)

Thomas Grischan, "The Memory of War in Austria and the American South—A Comparison," National World War II Museum, New Orleans, Louisiana (March 2009)

Thomas Grischan, "Mental Aspects of Austrian Wehrmacht Service," University of New Orleans' Center for Austrian Studies, New Orleans, Louisiana (March 2009)

Benjamin Grob-Fitzgibbon, "Counterinsurgency, the Interagency Process, and Malaya: The British Experience," Combat Studies Institute 2008 Military History Symposium, Fort Leavenworth, Kansas (September 2008)

Elizabeth Markham, "Conceptualizing Musical Space for Ritual 'Afterlifemusic' in Early Japanese Buddhist Liturgy," Music and Ritual in China and East Asia: 13<sup>th</sup> International CHIME Conference, Bard College, Annandale-on Hudson, New York (October 2008)

Charles Robinson, "In Search of the Promised Land: African Americans and the Great Migration," Georgia Historical Society, Savannah, Georgia (March 2009)

Beth Schweiger, "A Social History of English Grammar in the Early United States," Northeastern Regional Seminar, American Antiquarian Society, Worcester, Massachusetts (November 2008)

Elliott West, "They Come and They Go and the Come Again: Trees in Riverine Environments on the Great Plains," Keynote address, Great Plains Riparian Forest Management Summit, Sioux Falls, South Dakota (September 2008)

Elliott West, “The West before Lewis and Clark: Three Stories,” Keynote address, Annual Meeting of the Idaho Committee for History Education, Boise, Idaho (October 2008)

Jeannie Whayne, “‘Get Hard and Raise Hell’: Financing the Cotton Crop on the Backs of Black Labor – and its Consequences.” Symposium Celebrating the Life and Work of Smithsonian Curator Pete Daniel, Memphis, Tennessee (June 2009)

Jeannie Whayne, “‘Get Hard and Raise Hell’: Lee Wilson and the Cotton Crisis of 1919-1933,” Cotton Museum, Memphis, Tennessee (July 2008)

Jeannie Whayne, “Life and Politics of Powell Clayton,” Symposium on Murder, Scandal, and Politics, the Clayton Family in Post Civil War Arkansas,” at the Clayton House, Fort Smith, Arkansas (January 2009)

Rembrandt Wolpert, “Táng music theory of ritual calendrical transposition applied” at the 13th International CHIME Conference Music and Ritual in China and East Asia, Bard College, Annandale-on Hudson, New York (October 2008)

Rembrandt Wolpert, “Twelve Months and Four Seasons: Marking time on the four-stringed lute biwa 琵琶 in two pre-modern Japanese musical manuscripts”, 17<sup>th</sup> Meeting of the ICTM Study Group for Folk Musical Instruments, Erkner, Berlin, (April 2009)

Rembrandt Wolpert and Elizabeth Markham, “Developing a Japanese NeumeWriter: a new backend with TikZ”, 2009 TELDAP International Conference in conjunction with GRL 2020 and MCN Taiwan Meeting, Academia Sinica, Taiwan (February 2009)

Randall Woods, “Nation-Building at Home and Abroad with LBJ,” LBJ Presidential Library, Austin, Texas (November 2008)

Randall Woods, “LBJ: The Making of a Biography,” Keynote address, Arkansas Association of College History Teachers, Hot Springs, Arkansas (October 2008)

### **REFEREED PAPERS:**

Andrea Arrington, “Competitive Labor: Divisions between Zambian and Zimbabwean Workers around Victoria Falls,” Labour Crossings: World Work and History Conference, University of Witwatersrand, Johannesburg (September 2008)

Andrea Arrington, “Searching for Home: Nostalgia, Displacement, and Zimbabwean Women,” North Eastern Workshop on Southern Africa,” Middlebury, Vermont (October 2008)

Andrea Arrington, “Searching for Home: Nostalgia, Displacement, and Zimbabwean Women,” African Studies Association Annual Conference, Chicago, Illinois (November 2008)

Alessandro Brogi, “Clare Boothe, Luce and ‘Total Cold War’ in Italy,” Annual Conference of the Society of Historians of American Foreign Relations, Falls Church, Virginia (June 2009)

Liang Cai, "A Reshuffle of Power: Witchcraft Scandal in the Western Han Dynasty," Twelfth Annual Southeast Early China Roundtable Conference, Jacksonville, Florida (November 2008)

Liang Cai, "A Witchcraft Scandal and the Rise of Confucian Officials in the Western Han Dynasty," 61<sup>st</sup>-Annual Meeting of the Association for Asian Studies, Chicago, Illinois (March 2009)

Benjamin Grob-Fitzgibbon, "An Absence of Peace, an Absence of War: The Development of British Counterinsurgency Strategy in the Postwar Empire, 1945-1960," British Scholar Conference, Austin, Texas (February 2009)

Michael Pierce, "Orval and Sam: Arkansas Ozarkers and the Rise of Anti-Labor Populism" at The American Right and U.S. Labor: Politics, Ideology, and Imagination, Center for the Study of Work, Labor, and Democracy, University of California, Santa Barbara (January 2009)

Kathryn Sloan, "The Bullfighter and the Virgin: Sex, Suicide, and Moral Panic in Modern Mexico," Rocky Mountain Council on Latin American Studies, Santa Fe, New Mexico (March 2009)

Richard Sonn, "Jewish Anarchist Refugees from Bolshevik Russia in Interwar France," Western Society for French History, Quebec City, Quebec, Canada (November 2008)

Richard Sonn, "Jews, Modernism and Radical Politics in Interwar France," Society for French Historical Studies, St. Louis, Missouri (March 2009)

Daniel Sutherland, "Guerrillas, Partisans, and Bushwackers: Rethinking the American Civil War," Meeting of the British and American Nineteenth-Century Historians, University of Leicester, U.K. (September 2008)

Jeannie Whayne, "The Changing Delta Landscape," Arkansas History Association Conference, Magnolia, Arkansas (April 2009)

Calvin White, "In the Beginning There Stood Two: The Formation of the Church of God in Christ and its Arkansas Roots," Southern Historical Association Meeting, New Orleans, Louisiana (October 2008)

## **JOURNALISM**

### **BOOKS:**

#### **Hoyt Purvis**

Completed manuscript for book, *Sources Said....* Scheduled for publication by Louisiana State University Press

## **ARTICLES PUBLISHED/REFEREED JOURNALS:**

### **Schulte, Bret**

“Closing the Deal.” *Diabetes Forecast* (magazine). July 2009.

### **Watkins, Patsy**

“The Nicholson Photographs: A Federal Relief Caseworker’s Visual Record of Rural Clients in the South During the Depression.” Accepted for publication. *Arkansas Historical Quarterly*. Publication date to be scheduled

## **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

### **Jordan, Gerald**

“Connecting Threads of Democracy and journalism,” an invited review of Moyers on Democracy, by Bill Moyers. Nieman Reports, Vol. 62, No. 3, Fall 2008, Pp. 63-65.

### **Purvis, Hoyt**

Weekly opinion column (Sundays) in *Northwest Arkansas Times*, 52 columns, January-December 2008. Column also carried by other papers, including *Santiago Times* (English language paper in Chile) and several blogs/web sites.

### **Watkins, Patsy**

Book Review: Gospels and Acts, Vol. 6 of the St. John’s Bible. Illustrations and calligraphy by Donald Jackson, scribe to the Queen. Review published in *Visual Communication Quarterly*, 16:2 (April-June 2009); 123-124.

Book Review: Typecasting: On the Arts & Sciences of Human Inequality, A History of Dominant Ideas. Stuart Ewen & Elizabeth Ewen. Seven Stories Press (2006). Review published in *Visual Communication Quarterly*, Vol. 15: No 3 (July-September 2008); pp 216-218.

## **INVITED LECTURES:**

### **Hoyt Purvis**

“Journalism and Communications in an Interconnected World.” Speaker and panel chair. Fulbright International Conference, Beijing, China, October 2008.

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

### **Fosu, Ignatius**

Refereed paper presentation. “The Impact of the September 11 Tragedy on Regulations Governing International Students: A Framing Analysis of Coverage by The New York Times and The Washington Post.” Association for Education in Journalism and Mass Communication conference, August 2008, Chicago

**Watkins, Patsy**

Refereed paper presentation. "Photographing the Depression: Documenting the Destitution of Relief Clients in Newton County in 1935." American Culture Association/Popular Culture Association annual convention, April 2009. New Orleans.

**Wicks, Jan**

**Wicks, Jan LeBlanc;** Warren, Ron; **Fosu, Ignatius;** and Wicks, Robert. "What's on the Menu in Food Advertising on Child-Rated Television Programs? The Types of Disclaimers, Emotional Appeals and Production Techniques Airing in Food Advertising in 2008." Accepted for presentation at the Association for Education in Journalism and Mass Communication (AEJMC) convention to be held in August 2009.

**CREATIVE ENDEAVORS SUCH AS DOCUMENTARIES, RECITALS, CONCERTS, SHOWS, PERFORMANCES AND COMPARABLE ACTIVITIES:****Carpenter, Dale**

"Sacred Spaces: The Architecture of E. Fay Jones." 60-minute video documentary. Co-producer/camera/editor. To be broadcast on PBS/AETN (Arkansas Educational TV Network). "John McDonnell: The Greatest Coach Ever." 30-minute video documentary. Co-producer, video editor. Produced for the University of Arkansas.

**Foley, Larry**

"Sacred Spaces: The Architecture of E. Fay Jones." 60-minute video documentary. Co-producer, writer. To be broadcast on PBS/AETN (Arkansas Educational TV Network).

"The Buffalo Flows." 60-minute video documentary accepted by PBS for October 2009 primetime national broadcast, PBS national program service. Produced in 2008; Foley is writer and producer.

"John McDonnell: The Greatest Coach Ever." 30-minute video documentary. Co-producer, video editor. Produced for the University of Arkansas.

**Gerald Jordan**

Assigning Editor, *Philadelphia Inquirer*:

June – August 2008 \_ City Desk, New Jersey Desk, Pennsylvania Desk, National/Foreign Desk. Assigned, presented in news meetings, breaking news and enterprise stories from the aforementioned sections.

**Purvis, Hoyt**

"Arkansas Week" weekly political discussion television program. Panelist/commentator. Broadcast on PBS/AETN.

**Watkins, Patsy**

Exhibit: "Handmade Books" at FourSquare Gallery, Fayetteville.



## MATHEMATICAL SCIENCES

### REFEREED ARTICLES:

**John Akeroyd** and P. Taylor, *Point evaluations and polynomial approximation in the mean*, *Journal of Integral Equations and Operator Theory* 60 (2008), 299-311

R. Brown, **L. Capogna**, and **L. Lanzani**, *On the Mixed Boundary Value Problem for Laplace's Operator on Lipschitz Planar Domains*, *Math. Annalen*, 342 (2008), 91-124.

Luca Capogna, Jalal Shatah, *A note on ill-posedness of the Cauchy problem for Heisenberg wave maps*, *Proc. Amer. Math. Soc.* 136 (2008), no. 5, 1619--1629.

Luca Capogna, Giovanna Citti, Maria Manfredini, *Regularity of minimal surfaces in the one-dimensional Heisenberg group* (Italian), ``Bruno Pini" *Mathematical Analysis Seminar*, *University of Bologna Department of Mathematics: Academic Year 2006/2007* (Italian), 147--162, Tecnoprint, Bologna, 2008.

D. Teuscher, S. Dingman, N. Nevels, & B. Reys, *Curriculum standards, course requirements, and mandated assessments for high school mathematics: Status report of state policies*. *NCSM Journal of Mathematics Education*, 11(2), (2008)50-55.

**Goodman-Strauss, C.**, *Regular Productions and Triangle Tilings*, *Theoretical Computer Science* 410 (2009), pp. 1534-1549.

Xiao Qin, **Junhee Han** and Jun Zhu, *Spatial analysis of road weather safety data using a Bayesian hierarchical modeling approach*, no. 18, 2009, *Advances in Transportation Studies*.

Xiao Qin and **Junhee Han**, *Dynamics of Vehicles Route Choice in Work Zones with Advance Traveler Information*, June, 2009, Presentation paper for Intelligent Transportation Society of America.

K. Koenig, and **L. Lanzani**, *Bergman vs. Szegő via Conformal Mapping*, (22 pages), *Indiana Univ. Math. J.* 58, no. 2 (2009), 969-997.

**L. Lanzani**, *Cauchy Integrals for non-smooth domains:  $C_n$  vs.  $C$  – the effect of dimension*, *Oberwolfach Reports* 32 (2008), 55-60.

**Loredana Lanzani**, **Luca Capogna**, Russell M. Brown, *The mixed problem in  $L^p$  for some two-dimensional Lipschitz domains*, *Math. Ann.* 342 (2008), no. 1, 91--124.

**Bernard Madison**, *Calculation vs. Context* (edited with Lynn A. Steen), Mathematical Association of America, 2008.

**Bernard Madison**, (Author with Shannon Dingman), *Case Studies for Quantitative Reasoning: A Casebook of Media Articles*, Pearson, 2008

**Bernard Madison**, (Author with Shannon Dingman, Caren Diefenderfer, and Stuart Boersma), *Case Studies in Quantitative Reasoning: A Casebook of Media Articles (Second Edition)*, Pearson, 2009.

**Raich, Andrew**, *A Simplified Calculation for the Fundamental Solution to the Heat Equation on the Heisenberg Group*, with Albert Boggess, *Proc. Amer. Math. Soc.*, 137 (2009), 937-944.

**Andrew Raich**, *Compactness of the Complex Green Operator*, with Emil J. Straube, *Math. Res. Lett.*, 15(4): 761-778, 2008.

Nam, C. S. and **Song, J. J.**, *A Model-Based Risk Map for Roadway Traffic Crashes*, Technical Report, Mack-Blackwell Rural Transportation Center. (2008)

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Greeson, James. Musical score for documentary soundtrack entitled “Silent Quarry” for Kudu Productions, it was premiered at the Sedona, AZ Documentary Film Festival in 2009.

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“Superposition States of Light in a Three-photon Absorbing Dissipative Medium,” S.T. Gevorgyan, M. Xiao, V.O. Chaltykian, *J. Modern Optics* 55, 1923 (2008).

“Phase-sensitive Manipulations of Squeezed Vacuum Field in an Optical Parametric Amplifier inside an Optical Cavity,” J. Zhang, C. Ye, F. Gao, and M. Xiao, *Phys. Rev. Lett.* 101, 233602 (2008).

“Interacting Multi-wave Mixing in a Five-level Atomic System,” Z. Nie, H. Zheng, P. Li, Y. Yang, Y. Zhang, and M. Xiao, *Phys. Rev. A* 77, 063829 (2008).

“Efficient Energy Transfer between Four-wave-Mixing and Six-wave Mixing Processes via Atomic Coherence,” Y. Zhang, B. Anderson, and M. Xiao, *Phys. Rev. A: Rapid Commun.* 77, 061801(R) (2008).

“Nonclassical Light Generation via a Four-level Inverted-Y System,” J. Wen, S. Du, Y. Zhang, M. Xiao, M.H. Rubin, *Phys. Rev. A* 77, 033816 (2008).

“Interplay Among Multi-dressed Four-wave Mixing Processes,” H. Zheng, Y. Zhang, Z. Nie, C. Li, H. Chang, J. Song, and M. Xiao, *Appl. Phys. Lett.* 93, 241101 (2008).

“Temporal and Spatial Interference between Four-wave Mixing and Six-wave Mixing Channels,” Y. Zhang, U. Khadka, B. Anderson, and M. Xiao, *Phys. Rev. Lett.* 102, 013601 (2009).

“Enhanced Fluorescence Intermittency in Mn-doped Single ZnSe Quantum Dot,” Y. Zhang, C. Gan, J. Muhammad, D. Battaglia, X. Peng, and M. Xiao, *J. Phys. Chem. C* 112, 20200-20205 (2008).

#### **PUBLICATIONS IN CONFERENCE PROCEEDINGS:**

“Building an Automated Telescope with High Photometric Accuracy,” A.D. Grauer, A.W. Neely, and C.H.S. Lacy, *Publications of the Astronomical Society of the Pacific (PASP)* 120: 871, 992-1000 (2008).

“Cross-polarization of Maxwell-Gaussian laser beams with orbital and spin angular momentum,” R. Vyas and S. Singh, *Coherence and Quantum Optics IX*, eds. N. P. Bigelow, J. H. Eberly, and C. R. Stroud (AIP, New York, 2008) 344-345.

#### **OTHER PUBLICATIONS AND CONTRIBUTIONS:**

“Quantum Precision Limits For Any Implementation of Single Qubit Gates Under Conservation Laws,” T. Karasawa, M. Ozawa, J. Gea-Banacloche, and K. Nemoto, *International J. Quantum Inform. (IJQI)* 6, 701 (2008).

“Reconstruction of apolipoprotein A-I free-energy landscape using single-molecule force spectroscopy,” E. Gross, *Apoproteins: New Research Trends*. (Nova Science Publishers, Inc., June, 2009), *invited review*.

“Gus Speth’s *The Bridge at the Edge of the World*,” A. Hobson, *Phys. & Soc.*, 15-16 (2008), *book review*.

“Richard Wolfson’s *Energy, Environment, and Climate*,” A. Hobson, *Am. J. Phys.*, 1174 (2008), *book review*.

“General relativity for all college students,” A. Hobson, *Am. J. Phys.*, 607 (2008), *letter*.

“Response to David Williams on global warming,” A. Hobson, *Phys. & Soc.*, 12 (2008), *letter*.

“Response to ‘The Scandal of Quantum Mechanics,’” A. Hobson, *Am. J. Phys.*, p.293 (2009), *letter*.

“Review of *Einstein for the 21<sup>st</sup> Century: His Legacy in Science, Art, and Modern Culture*, eds. P.L. Galison, G. Holton, and S.S. Schweber,” D. Kennefick, *Amer. Scientist* (2008), *book review*.

“Review of *The Universal Force: Gravity, Creator of Worlds*, by L. Girifalco,” D. Kennefick, *Phys. World* 36-37 (2008), *book review*.

“Teacher Recruitment at the University of Arkansas,” G. Stewart, *Forum on Education of the American Physical Society* (Fall 2006 / Spring 2007 Newsletter).

### **INVITED AND CONTRIBUTED CONFERENCE PRESENTATIONS:**

“Using Test Presentation Measurements to Understand Student Learning,” S. Ballard and J. Stewart, *APS Spring Meeting, St. Louis MO* (2008), *presented paper*.

“Properties of ferroelectrics, ferromagnetics, and multiferroics from atomistic simulations,” L. Bellaiche, S. Bin-Omran, I. Kornev, S. Lisenkov, L. Louis, I. Ponomareva, S. Prosandeev, R. Haumont, G. Geneste, B. Dkhil, T. Ostapchuk, J. Hlinka and J. Petzelt, *2008 Workshop on Fundamental Physics of Ferroelectrics, Williamsburg, Virginia* (2008), *invited presentation*.

“Polariton spectroscopy of three-level atoms inside an optical cavity,” J. Gea-Banacloche, H. Wu, M. Xiao, *Quantum Electronics and Laser Science Conference QELS, San Jose, CA*, (2008), *paper presentation*.

“Path detection and interference tradeoff in the double-slit experiment,” J. Gea-Banacloche and M. Ozawa, *American Physical Society, New Orleans, LA, March Meeting* (2008), *paper presentation*.

“Spectral Features in C and C-like Asteroids and the Possible Presence of Phyllosilicates,” D.R. Ostrowski, D. W.G. Sears, K.M. Gietzen and C.H.S. Lacy, *LPI* 39, 1061(2008), *paper presentation*.

“Analysis of Reflectance Spectra of Ordinary Chondrites: Implications for Asteroids,” K.M. Gietzen, C.H.S. Lacy, D.R. Ostrowski, and D.W.G. Sears, *LPI* 39, 1125 (2008), *paper presentation*.

“Primitive Material on Asteroids,” D.W.G. Sears, K.M. Gietzen, D. Ostrowski, C.H.S. Lacy, & V. Chevrier, V., *M&PSA* 43, 5237 (2008), *paper presentation*.

“Rovibronic Energy Topography II. Molecular Internal-Momentum Effects and Multi-Res Resonance in High Symmetry Molecures,” W.G. Harter and J.C. Mitchell *International Molecular Spectroscopy Symposium, OSU, Columbus OH* (2008), *paper presentation*.

“Rovibronic Energy Topography II. Molecular Internal-Momentum Effects and Multi-Res Resonance in High Symmetry Molecures,” W.G. Harter and J.C. Mitchell, *Latsis Symposium “Molecular Symmetry, Dynamics, and Spectroscopy,” ETH-Zurich*, (2008), *paper presentation*.

“What is an electron,” A. Hobson, *AAPT national meeting, Edmonton, Canada* (2008), *poster*.

“Writing about science for non-scientists,” A. Hobson, *APS Meeting, St. Louis* (2009), *invited talk*.

“Teaching quantum physics: What is an electron?” A. Hobson, *APS Meeting, St. Louis* (2009), *contributed talk*.

“The surprising effectiveness of college science literacy courses,” A. Hobson, *AAPT national meeting, Edmonton, Canada* (2008), *contributed talk*.

“The Arkansas Galaxy Evolution Survey (AGES): Supermassive Black Holes in the Universe,” D. Kennefick, J. Kennefick, C.H.S. Lacy, & M. Seigar, *AAS* 212, 1506 (2008), *paper presentation*.

“A Relationship Between Supermassive Black Hole Mass and Spiral Arm Morphology In Disk Galaxies,” M. Seigar, D. Kennefick, J. Kennefick, & C.H.S. Lacy, *AAS* 212, 5203 (2008), *paper presentation*.

“Binary Supermassive Black Holes,” C.H.S. Lacy, D. Kennefick, J. Kennefick, & M. Seigar, *AAS* 212, 1505 (2008), *paper presentation*.

“Teaching with Web-based Telescopes,” C.H.S. Lacy, *AAS*, 212, 3810 (2008), *paper presentation*.

“Ion Beam Energy and species dependence on Solid-state Nanopore fabrication,” B. Ledden, E. Krueger, R. Rollings, J. Li. *CAARI 2008, Fort Worth, Texas* (2008), *invited talk*.

“Solid-state Nanopore Fabrication by Ion Beams and Electron Beams,” J. Li, *CAARI 2008, Fort Worth, Texas* (2008), *invited talk*.

“Finite-temperature properties of multiferroic BiFeO<sub>3</sub> from first principles,” I. A. Kornev, S. Lisenkov, R. Haumont, B. Dkhil and L. Bellaiche, 2008 Workshop on Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (2008), *invited presentation*.

“Rovibronic Energy Topography I. Tensor Eigenvalue Structure and Tunneling Effects in Low-Symmetry Species-Clustering in High Symmetry Molecules,” J.C. Mitchell and W.G. Harter, *International Molecular Spectroscopy Symposium, OSU, Columbus OH* (2008), *paper presentation*.

“Rovibronic Energy Topography I. Tensor Eigenvalue Structure and Tunneling Effects in Low-Symmetry Species-Clustering in High Symmetry Molecules,” J.C. Mitchell and W.G. Harter, *Latsis Symposium “Molecular Symmetry, Dynamics, and Spectroscopy,” ETH-Zurich*, (2008), *paper presentation*.

“Optical Bi-stability and Stationary Entanglement in two Coupled Quantum Dots in a Cavity,” A. Mitra and R. Vyas *Frontiers in Optics and Laser Science XXIV, Rochester, NY*, (2008), *paper presentation*.

“Properties of Ferroelectric Nanostructures,” I. Ponomareva, L. Bellaiche, I. Kornev, B.-K. Lai, I.I. Naumov, R. Resta and S. Prosandeev, *APS March Meeting, New Orleans, Louisiana* (2008), *invited talk*.

“High-frequency dielectric response of paraelectric BaTiO<sub>3</sub>,” I. Ponomareva, L. Bellaiche, T. Ostapchuk, J. Hlinka and J. Petzelt, 2008 Workshop on Fundamental Physics of Ferroelectrics, Williamsburg, Virginia (2008), *invited presentation*.

“Control of vortices by homogeneous fields in asymmetric dipolar systems,” S. Prosandeev, I. Ponomareva, I. Kornev and L. Bellaiche, *International Conference on Computational and Experimental Engineering and Sciences, Honolulu, Hawaii* (2008), *invited keynote presentation*.

“Control of vortices by homogeneous fields in asymmetric ferroelectric and ferromagnetic rings: An unifying theoretical approach,” S. Prosandeev, I. Ponomareva, I. Kornev and L. Bellaiche, *2008 Workshop on Fundamental Physics of Ferroelectrics, Williamsburg, Virginia* (2008), *invited presentation*.

“Electrical Noise Characterization of Low Energy Ion Beam Fabricated Nanopores,” R. Rollings, B. Ledden, E. Krueger, J. Li, D. Hoogerheide, J. Chervinsky, J. Golovchenko. *CAARI 2008, Fort Worth, Texas* (2008), *invited talk*.

“Study of Peptide to Lipid Membrane Interactions using Dynamic Light Scattering and Fluorescence Microscopy,” A. J. Salois, M. Dickson, J. M. Froyd-Rankenbergh, D. Greathouse, and W. F. Oliver, *National Undergraduate Research Conference at FERMI National Lab* (2008), *paper presentation*.

*“Building relationships with schools and two-year colleges,” Workshop Co-presenters: S. Vokos, K. Terry, G. Stewart, PTEC (March 2009), invited talk.*

*“10,000 Undergraduate Physics Majors: Role and importance of preparing more high school physics teachers,” Panel: M. Marder, G. Stewart, G. Gladding, PTEC (March 2009), invited talk.*

*“Master Teachers working with TAs and Las: How you can utilize a master teacher to train future teachers,” G. Stewart, 2008 PTEC National Meeting, March, Austin, TX (2008), invited talk.*

*“Subtle Factors to Successfully Recruiting Majors and Teachers,” G. Stewart, AAPT Summer Meeting, July, Edmonton, Alberta Canada (2008), presentation.*

*“What every physics department should do: find funding for PTRAs!”, G. Stewart, AAPT Summer Meeting, July, Edmonton, Alberta Canada (2008), presentation.*

*“College Ready: A \$7M NSF MSP project to prepare pre- and in-service teachers,” G. Stewart, APS meeting (2009), focus session presentation on physics teacher preparation.*

*“The Robert Noyce Scholarship Program for future mathematics and Science teachers at the University of Arkansas, year 1,” G. Stewart, Noyce PI Conference (2008), presentation.*

*“Recruiting Tomorrow’s Physics Teachers: Challenges, Opportunities, and Strategies,” G. Stewart, PTEC 2008 National Conference, Austin, TX (2008), special presentation.*

*“Subtle Factors to Successfully Recruiting Majors and Teachers,” G. Stewart, 2008 AAPT Summer Meeting, Edmonton, Alberta Canada (2008), invited presentation.*

*“Using a Master Teacher’s Unique Knowledge to Prepare TAs and Learning Assistants,” G. Stewart and T. Bond, PTEC conference proceedings, (2008) (online at <http://www.ptec.org>).*

*“A Quantitative Comparison of the Linguistic Properties of Introductory Physics Textbooks,” J. Campbell and J. Stewart, APS Spring Meeting, St. Louis MO (2008), paper presentation.*

*“Investigating the Conceptual Variation of Major Physics Textbooks,” R. Campbell and J. Stewart, AAPT Summer Meeting, Edmonton, Alberta (2008), paper presentation.*

*“Investigating the Conceptual Variation of Major Physics Textbooks,” R. Campbell and J. Stewart, APS Spring Meeting, St. Louis MO (2008), poster and talk.*

*“Conceptual Electricity and Magnetism Database,” J. Stewart, AAPT Summer Meeting, Edmonton, Alberta (2008), paper presentation.*

*“Conceptual Electricity and Magnetism Database,” J. Stewart, CCLI PI Meeting, Washington DC (2008), invited paper.*



“Electronic structure of oxides,” J. Tchakhalian, *Stuttgart, Germany* (2008), *invited presentation*.

“Subthreshold Optical Parametric Oscillator as a bright source for quantum lithography,” H. Cable, R. Vyas, S. Singh and J. Dowling, *Optical Society of America Annual Meeting 2008 and Laser Science XXIV, Rochester, NY*, (2008), *paper presentation*.

“Controlling linear and nonlinear optical properties in multi-level coherent atomic systems,” M. Xiao, *Workshop on Optics and New Materials, Hong Kong* (2008), *invited talk*.

“First-principles study of polarization saturation in strained ferroelectrics,” Y. Yao and H. Fu, *Workshop of Fundamental Physics of Ferroelectrics, Williamsburg, Virginia* (2008), *contributed talk*.

“First-principles study of piezoelectric response in PbTiO<sub>3</sub>/SrTiO<sub>3</sub> 1x1 superlattice,” Y. Yao and H. Fu, *APS March meeting, New Orleans* (2008), *contributed talk*.

### **INVITED LECTURES AND COLLOQUIA:**

“Recent Theoretical Advances in Multiferroics and Ferroelectric Nanostructures,” L. Bellaiche, I. Kornev, S. Lisenkov, I. Ponomareva, S. Prosandeev, B. Dkhil and R. Resta, *Workshop to Develop an EPSCOR Consortium, Fayetteville, Arkansas* (2008), *invited talk*.

“Temperature phase dependence in thin films BiFeO<sub>3</sub>: a combined theoretical and experimental approach,” B. Dupe, I. Ponomareva, L. Bellaiche, G. Geneste, M. Bibes, A. Barthelemy, and B. Dkhil, *JMC II; Strasbourg, France* (2008), *contributed talk*.

“Unusual phase transitions in low-dimensional nanoferroelectrics,” H. Fu, *NSF workshop to develop an EPSCoR Consortium, U. of A.* (2008), *contributed talk*.

“Acetazolamide inhibits electrogenic Sodium Bicarbonate flux through knbC1. molecular mechanisms and computer simulation results,” E. Gross, *EHRlich II – 2<sup>nd</sup> World Conference on Magic Bullets, Nürnberg* (2008), *invited lecture*.

“So, what is it about Quantum Mechanics that you don’t understand?” W. Harter, OAI-NASA, Cleveland, OH (2008), *public lecture*.

“Let there be light: Revenge for Euclid, Kepler, and Galileo by Evenson lasers and Occams razors,” W. Harter, OAI-NASA, Cleveland, OH (2008), <http://www.oai.org/pdf/harter1.pdf>, *public lecture*.

“Quantum Evolution: Molecular symmetry species CAN inter-mix AND HOW!” W. Harter, OAI-NASA, Cleveland, OH (2008), <http://www.oai.org/pdf/harter2.pdf>, *workshop*.

“Quasars and Black Holes,” J. Kennefick, *Hendrix College, Physics Dept.* (2008), *colloquium*.

“Robert Noyce Scholarship Program for Math, Science and Engineering K-12 Teachers,” Gay Stewart, *Annual Noyce Conference, June, Washington, DC* (2008), *invited talk*.

“Problem-Solving in the Sciences,” G. Stewart, *College Board National Forum, November, Houston, TX* (2008), *invited talk*.

Physics Teacher Resource Agents Workshop: “Rigorous High School Courses Really Do Make a Difference,” G. Stewart, *College Board SW Regional Forum* (2009), *invited talk*.

“Novel phenomena at oxide interfaces, Santa Barbara,” J. Tchakhalian, *Kavli Institute, UCSB* (2008), *invited workshop presentation*.

“Magnetic phenomena in oxides,” J. Tchakhalian, *Grenoble, France* (2008), *invited presentation*.

## **POLITICAL SCIENCES**

### **BOOKS PUBLISHED:**

Todd Shields and Sunshine Hillygus, *The Persuadable Voter: Campaign Strategy, Wedge Issues, and the Fragmentation of American Politics*, (Princeton, New Jersey: Princeton University Press).

Todd Shields and Shannon Davis, *New Voices in the Old South: The Lives and Attitudes of Women and Minorities in Dixie*, (Tallahassee, Florida, Institute of Politics, University of Florida).

### **BOOKS ACCEPTED:**

Pearl Ford, *African Americans in Georgia: A Reflection of Politics and Policy in the New South*, Mercer University Press, forthcoming.

Donald R. Kelley, *The Russian Presidency*, Washington, D.C.(CQ Press) forthcoming.

### **CHAPTERS PUBLISHED:**

Janine Parry and William Schreckhise, “Arkansas: The Status of African Americans and Women in the Border South,” in *New Voices in the Old South: How Women and Minorities Influence Southern Politics*, Todd Shields and Shannon Davis, eds. (Tallahassee FL: Florida Institute of Government Press).

Patrick Stewart, “Policy and Regulatory Challenges for Plant Made Pharmaceuticals in the United States,” in *Emerging Technologies: From Hindsight to foresight*, Edna Einsiedel, editor (University of British Columbia/University of Washington) 2008, pp. 120-137.

## **REFEREED ARTICLES PUBLISHED:**

M. Allen, D. Armstrong, Margaret Reid, C. Riemenschneider, "Factors impacting the perceived Organizational Support of IT Employees," *Information & Management* (Impact factor 1.63) 45, pp: 556-563.

Andrew Dowdle and Randall E. Adkins, "Continuity and Change in the Presidential Money Primary", *American Review of Politics*, Vol 28, No.2 (Winter 2007-2008), pp. 319-341.

Andrew Dowdle and Gary Weekin, "Moral Values and Candidate Effects in Arkansas Elections, 2000-2004," *Midsouth Political Science Review*, Vol. 9, No. 1 (2007-2008), pp. 1-18.

Najib Ghadbian, "Challenges for Obama/McCain Administration in the Middle East", *Zahranicna politika*, No. 3, Vol 12, 2008 in Slovakian.

Yeo Jin Kang, Seok Eun Kim, and Gee Weon Chang, "The Impact of Knowledge Sharing on Working Performance: An Empirical Analysis of the Public Employees' Perceptions in South Korea," *International Journal of Public Administration* 31(4), pp. 1548-1568.

Brinck Kerr, William Miller, Margaret Reid and Ron Edwards, "An Unconventional Application of the Glass Ceiling Concept: African American and Latino Administrators in Municipal Government Bureaucracies, 1987-1997," *Public Administration Quarterly*, 34,4, pp: 488-524.

Brinck Kerr, William Miller, and Gary Ritter, "School Performance Measurement: Politics and Equity," *The American Review of Public Administration*, (March 2008)38, pp. 100-117.

Janine Parry, Jay Bath, Martha Kropf, and Terry Jones, "Mobilizing the Seldom Voter: Campaign Contact and Effects in High-Profile Elections," *Political Behavior*, 97, pp: 97-113.

Janine Parry, Brian Kisida, and Ronald Langley, "The State of State Polls: Old Challenges, New Opportunities," *State Politics and Policy Quarterly*, 8(2), pp. 198-216.

Janine Parry, Martha Kropf, Jay Barth, and Terry Jones, "Pursuing the Early Voter: Which Bird Gets the Worm?" *Journal of Political Marketing*, 7(2), pp. 131-150.

Janine Parry and Todd Donovan, "Leave the Rascals In? Explaining the Poor Prospects of Term Limits Extensions," *State Politics and Policy Quarterly*, 8(3), pp. 293-308.

Margaret Reid, M. Allen, C. Riemenschneider, and D. Armstrong, "The Role of Mentoring and Supervisor Support for State IT Employee's Affective Organizational Commitment," *Review of Public Personnel Administration*, 28, 1, pp. 60-78.

Margaret Reid, M. Allen, C. Riemenschneider, and D. Armstrong, "Information Technology Employees in State government: A Study of Affective Organizational Commitment, Job Involvement, and Job Satisfaction," *American Review of Public Administration*, 38, 1, pp. 41-61.

Todd Shields and Sunshine Hillygus, "Southern Discomfort? Regional Differences in Voter Decision Making in the 2000 Presidential Election," *Presidential Studies Quarterly*, Vol. 38, pp: 506-520.

M. Shunnaq, Margaret Reid, and William Schwab, "Community Development Using a Sustainable Tourism Strategy: A Case Study of the Jordan River Valley Touristway," *International Journal of Tourism Research*, 10, pp. 1-14.

Patrick Stewart, "Subliminals in the 2000 Presidential Election: Policy Implications of Applied Neuroscience," *Public Integrity*, Summer 2008 10(3) pp. 215-231.

Patrick Stewart, "The Third Generation of Agricultural Biotechnology and Individual Perceptions of Benefit and Risk," *Review of Policy Research*, July 2008 24(4), pp. 333-348.

### **OTHER ARTICLES:**

Andrew Dowdle, "A Special Opportunity" Northwest Arkansas Times, February 1, 2008.

Andrew Dowdle, "Give Hillary Michigan and Florida – Pro: Make Every Vote Legitimate," Businessweek.com, March 10, 2008

Andrew Dowdle, "Give Hillary Michigan and Florida – Con: Punish Rule Breakers," Businessweek.com, March 10, 2008.

Najib Ghadbian, "The Role of Money in the US Presidential Campaign," Aljazeera.net, March 15, 2008, (in Arabic).

Angie Maxwell, "Garland Gray," *Encyclopedia of Jim Crow*, Nikki Brown and Barry Stentiford editors, (Connecticut: Greenwood Press, 2008)

Angie Maxwell, "Gray Commission," *Encyclopedia of Jim Crow*, Nikki Brown and Barry Stentiford editors, (Connecticut: Greenwood Press, 2008)

Angie Maxwell, "Trent Lott," *Encyclopedia of the Culture Wars*, Roger Chapman, editor, (New York: M.E. Sharpe, Inc., 2008)

Angie Maxwell, "David Duke," *Encyclopedia of the Culture Wars*, Roger Chapman, editor, (New York: M.E. Sharpe, Inc., 2008)

Angie Maxwell, "Hurricane Katrina," *Encyclopedia of the Culture Wars*, Roger Chapman, editor, (New York: M.E. Sharpe, Inc., 2008)

Angie Maxwell, "Silent Majority," *Encyclopedia of the Culture Wars*, Roger Chapman, editor, (New York: M.E. Sharpe, Inc., 2008)

## PSYCHOLOGY

### **BOOKS:**

Cavell, T.A., & Malcolm, K. (2007). *Anger, Aggression, and Interventions for Interpersonal Violence*. Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

### **CHAPTERS:**

Cavell, T.A., Hymel, S., Malcolm, K., & Seay, A. (2007). Socialization and the development of antisocial behavior: Models and interventions. In J. E. Grusec & P. D. Hastings (Eds.), *Handbook of Socialization* (pp. 42-67). New York: Guilford Press.

Zvolensky, M. J., Bernstein, A., Yartz, A. R., McLeish, A., & **Feldner, M. T.** (2008). Cognitive-behavioral treatment of comorbid panic psychopathology and tobacco use and dependence (pp. 177-200). In S. H. Stewart & P. Conrad (Eds.), *Comorbidity of anxiety and substance use disorders*. New York: Springer.

Zvolensky, M. J., Leyro, T., Bernstein, A., **Feldner, M. T.**, Yartz, A. R., Babson, K. & Bonn-Miller, M. O. (2008). Tobacco use and panic psychopathology: Current status and future directions (pp. 3-28). In M. J. Zvolensky & J. A. Smits (Eds.), *Anxiety in health behaviors and physical illness: Contemporary theory and research*. New York: Springer.

Williams, N.L., Connolly, K.M., Cisler, J.M., Elwood, L.S., Willems, J.L., & Lohr, J.M. (2008). Disgust: A cognitive approach. In B.O. Olatunji & D. McKay (Eds.), Disgust and its disorders: Theory, assessment and treatment. Washington, D.C.:American Psychological Association Press.

**Leen-Feldner, E. W.**, Reardon, L. E., Hayward, C., & Smith, R. (2008). The relation between puberty and adolescent anxiety: Theory and evidence. In M.J. Zvolensky and J. Smits (Eds.), *Anxiety in Health Behaviors and Physical Illness*. New York, NY: Springer Publishing.

Bembenek, A. F., Beike, D. R. & Schroeder, D. A. (2007). Justice violations, emotional reactions, and justice-seeking responses. In De Cremer, D., (Ed.), *Advances in the psychology of justice and emotions*. Greenwich, CT: Information Age Publishing.

Cavell, T.A., & Malcolm, K. (2007). The anger-aggression relation. In T. A. Cavell & K. T. Malcolm (Eds.), *Anger, Aggression, and Interventions for Interpersonal Violence* (xv-xxxi). Mahwah, NJ: Lawrence Erlbaum Associates, Inc.

Bembenek, A.F., Beike, D. R., Schroeder, D.A, (2007). Justice violations, emotional reactions, and justice-seeking responses. In D. De Cremer (Ed.), *Advances in the psychology of justice and emotion*. Greenwich, CT: Information Age Publishing.

Neuschatz, J.S., Lampinen, J.M., Toglia, M.P., Payne, D.G. & Preston, E. (2007). False memory research: History, theory, and applied implications. In M.P. Toglia, J.D. Read, D.F. Ross &

R.C.L. Lindsay (Eds.). *Handbook of Eyewitness Psychology Volume 1: Memory for Events*. Mahwah, NJ: Lawrence Erlbaum and Associates.

Cavell, T.A., & Elledge, L. C. (2007). Working with parents of aggressive, high-risk children. In J. Briesmeister & C. Schaefer (Eds.), *Handbook of Parent Training*, 3<sup>rd</sup> Edition (379-423). Hoboken, NJ: John Wiley & Sons.

### **REFEREED ARTICLES:**

Beike, D. R. (2007). The unnoticed absence of emotion in autobiographical memory. *Social and Personality Psychology Compass*, 1, 392-408.

Beike, D. R., Adams, L. P., & Wirth-Beaumont, E. T. (2007). Incomplete inhibition of emotion in specific autobiographical memories. *Memory*, 15, 375-389.

**Ham, L. S.**, Bonin, M., & Hope, D. A. (2007). The role of drinking motives in social anxiety and alcohol use. *Journal of Anxiety Disorders*, 21(8), 991-1003.

**Feldner, M. T.**, Babson, K. A., Zvolensky, M. J., Monson, C. M., Bonn-Miller, M. O., & Gibson, L. E. (2008). An examination of anxiety sensitivity as a moderator of the relationship between smoking level and posttraumatic stress symptoms among trauma-exposed adults. *Cognitive Therapy and Research*, 32, 116-132.

Bernstein, A., Zvolensky, M. J., Norton, P. J., Schmidt, N. B., Taylor, S., Forsyth, J. P., Lewis, S. F., **Feldner, M. T.**, Leen-Feldner, E. W., Stewart, S. H., & Cox, B. (2007). Taxometric and factor analytic models of anxiety sensitivity: Integrating approaches to latent structural research. *Psychological Assessment*, 19, 74-87.

Bonn-Miller, M. O., Vujanovic, A. A., **Feldner, M. T.**, Bernstein, A., & Zvolensky, M. J. (2007). Posttraumatic stress symptom severity predicts marijuana use coping motives among traumatic event-exposed marijuana users. *Journal of Traumatic Stress*, 20, 577-586.

**Feldner, M. T.**, Babson, K. A., & Zvolensky, M. J. (2007). Smoking, traumatic event exposure, and posttraumatic stress: A critical review of the empirical literature. *Clinical Psychology Review*, 27, 14-45.

**Feldner, M. T.**, Babson, K. A., Zvolensky, M. J., Vujanovic, A. A., Lewis, S. F., Gibson, L. E., Monson, C. M., & Bernstein, A. (2007). Posttraumatic stress symptoms and smoking to reduce negative affect: An investigation of trauma-exposed daily smokers. *Addictive Behaviors*, 32, 214-227.

Scofield, J., & Behrend, D. A. (2007). Two-year-olds differentially disambiguate words and facts. *Journal of Child Language*, 34, 875-889.

Scofield, J., Williams, A., & Behrend, D. A. (2007). Word learning in the absence of a speaker. *First Language*, 27, 297-311.

- Romey, N., Schwartz, R. M., Behrend, D., Miao, P., Cheung, H.M., & Beitle, R. (2007). Circumventing graphical user interfaces in chemical engineering plant design. *Advances in Engineering Education*, *1*, 1-14.
- Feldner, M. T.**, Monson, C. M., & Friedman, M. J. (2007). A critical analysis of approaches to targeted PTSD prevention: Current status and theoretically-derived future directions. *Behavior Modification*, *31*, 80-116.
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**Bradley-Engen, Mindy S.**, review, "Temporarily Yours: Intimacy, Authenticity, and the Commerce of Sex," by E. Bernstein, *American Journal of Sociology* 111 (6)

Irwin, Jay, Mark LaGory, Ferris Ritchey and **Kevin M. Fitzpatrick**, "Social Assets and Mental Distress among the Homeless: Exploring Roles of Social Support and Other Forms of Social Capital on Depression," *Social Science and Medicine* 67:1935-1943

**Fitzpatrick, Kevin M.**, Bettina Piko and Elizabeth Miller, "Suicide Ideation and Attempts among Low-Income African-American Adolescents," *Suicide and Life Threatening Behavior* 38:552-563

**Fitzpatrick, Kevin M. and Brad Myrstol**, "An Arresting Development: The Jailing of America's Homeless," *Crime and Delinquency*, August 2008

**Brent Smith**, 2008, Cover Story and Lead Article: "A Look at Terrorist Behavior: How They Prepare, Where They Strike," pp. 2-6, Issue Number 260, *National Institute of Justice Journal*, Washington, DC: U.S. Department of Justice.

Jackson Cothren, **Brent L. Smith**, Paxton Roberts, and Kelly R. Damphousse, 2008, "Geospatial and Temporal Patterns of Preparatory Conduct among American Terrorists," *International Journal of Comparative and Applied Criminal Justice* 32(1):23-42.

**Morimoto, Shauna A.**, review, "Men on a Mission: Valuing Youth Work in Our Communities," by William Marsiglio, *Contemporary Sociology* 38:3, 2009

**Yang, Song**, "Bureaucracy versus High Performance: Work Reorganization in the 1990s," *Journal of Socio-Economics*, 37/5:1825-1845

Hunt, Valerie and **Anna Zajicek**, "Strategic Intersectionality and the Needs of Disadvantaged Populations: An Intersectional Analysis of Organizational Inclusion and Participation," *Race, Class, and Gender*, Vol. 15, No. 3-4 (2008: 180-203)

Barnum, Justin and **Anna M. Zajicek**, "An Intersectional Analysis of Visual Media: A Case Study of Diesel Advertisements," *Social Thought and Research*, Vol. 29 (2008: 105-128)

**Zajicek, Anna M.**, Yvette Murphy, Richard Bravo, Adele Norris, Angel Warren, and Ramu Bishwakarma, "Engaging Diversity: An Exploratory Analysis of an Interdisciplinary Active-Learning (IRAL) Research Team," *Learning Communities Journal* Vol. 1, No 1 (2009: 63-90)

Bishwakarma, Ramu, Valerie H. Hunt, and **Anna M. Zajicek**, "Educating Dalit Women: Beyond One-dimensional Policy Formulations," *Himalaya: The Journal of the Association for Nepal and Himalayan Studies*, Vol. 27, No. 1-2 (2007, published June 2009): 19-30

### **INVITED LECTURES:**

**Adams, Douglas**, "Research Misconduct as a Type of Crime and Why It Matters," ORI Conference: Research on Research Integrity, Buffalo, NY, May 18-20, 2009

**Fitzpatrick, Kevin M.**, "Northwest Arkansas Community Indicators Report," Northwest Arkansas Community Stakeholders, Fayetteville, AR, October 2008

**Fitzpatrick, Kevin M.**, "Homelessness in Northwest Arkansas and Planning for the Future," 86<sup>th</sup> Arkansas General Assembly Subcommittee/Taskforce on Homelessness, Little Rock, AR, July 2008

**Smith, Brent**, "Patterns of American Terrorism: Using the American Terrorism Study to Facilitate Intelligence Data Collection," Federal Bureau of Prisons Intelligence Analysts meeting/training, Oklahoma City, OK, September 2008

**Smith, Brent**, “Measuring Intervention Success in Counterterrorism,” Annual DHS/START Center Symposium, University of Maryland, September 2008

**Smith, Brent**, “Findings from and Using the American Terrorism Study Database,” Federal Bureau of Prisons Intelligence Analysts Annual Training, Oklahoma City, OK, September 2008

Roberts, Paxton (presenter) and **Brent Smith**, “American Terrorism Study (ATS) Research Overview,” DHS Terrorism Methodologies Workshop, Arlington, VA, April 2009

Roberts, Paxton (presenter) and **Brent Smith**, “American Terrorism Study,” DHS/START Research Meeting on Radicalization, Washington, DC, April 2009

Roberts, Paxton (presenter) and **Brent Smith**, “American Terrorism Study – Spatial and Temporal Patterns of Terrorists’ Activities,” Max Planck Institute, Freiburg, Germany, March 2009

**Smith, Brent** (presenter) and Paxton Roberts, “Demographic, Spatial and Temporal Patterns among American Terrorists,” DHS Summit, Washington, DC, March 2009

**Smith, Brent** (presenter) and Paxton Roberts, “Spatial and Temporal Patterns of American Terrorism,” National Fusion Center Conference, Kansas City, MO, March 2009

**Smith, Brent**, “Temporal and Spatial Patterns of Precursor Behavior among American Terrorists,” DoD Strategic Multilayer Assessment Speaker Series, February 2009

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

**Bradley-Engen, Mindy S.**, Christopher Shields, Kelly R. Damphousse and **Brent L. Smith**, “Plead Now or Pay Later: How Does Timing Affect the Trial Penalty?” American Society of Criminology Annual Conference, St. Louis, MO, November 2008

**Bradley-Engen, Mindy S., Brent L. Smith**, Kelly R. Damphousse and Christopher Shields, “Case Disposition and Sentencing Outcomes: An Investigation of the Trial Penalty in Terrorism Cases,” American Society of Criminology Annual Conference, St. Louis, MO, November 2008

**Bradley, Mindy**, Kelly Damphousse and **Brent Smith**, “Case Disposition and Terrorist Status on Sentencing Outcomes: Rewarding Pleas or Punishing Trials,” Annual Meeting of the Society of Criminology, St. Louis, MO, November 2008

**Fitzpatrick, Kevin M. and Brad Myrstell**, “An Arresting Development: Examining America’s Jailed Homeless,” Annual Meeting of the American Sociological Association, Boston, MA, August 2008

Miller, Elizabeth, **Kevin M. Fitzpatrick** and Mark LaGory, “Does Place and Space Matter? A Systematic Comparison of the Homeless Circumstance,” Annual Meeting of the American Sociological Association, Boston, MA, August 2008

**Holyfield, Lori** and Crosby Hipes, "Construction of a Post-Combat Self," Annual Meeting of the American Sociological Association, Boston, MA, August 2008

**Morimoto, Shauna A.**, "Rethinking Citizenship: Race, Ethnicity and Youth Civic Life," Annual Meeting of the American Sociological Association, Boston, MA, August 2008

**Myrstol, Brad**, "Public Perceptions of Punishment Risk: Results from a Project Safe Neighborhoods Site," Annual Meeting of the American Society of Criminology, St. Louis, MO, November 2008

**Smith, Brent L.**, Paxton Roberts and Kelly Damphousse, "Terrorism in Time and Space," Annual Meeting of the Society of Criminology, St. Louis, MO, November 2008

**Smith, Brent**, Paxton Roberts and Chris Shields, "Integrating Data from the American Terrorism Study into a U.S. Domestic Security Database," DHS/START grant kick-off meeting, University of Arkansas-Fayetteville, May 2009

**Morgan, Gordon**, "Whiteness," Annual Meeting of the Arkansas Sociological and Anthropological Society, Conway, AR, November 2008

**Worden, Steven**, "The Cloister Talk: Shifting Depictions of Monasteries in Popular Culture," Annual Meeting of the Arkansas Sociological and Anthropological Society, Conway, AR, November 2008

**Yang, Song**, "Work Morale in Decline? An Empirical Examination of White Collar Worker's Work Morale 1991 to 2002," Annual Meeting of the American Sociological Association, Boston, MA, August 2008

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### **BOOKS:**

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Grunhagaen, M. and Stassen, R. "A Comparison of Franchisor Support Practices Between a Mature and a Young Franchise Market, and Implications for China," in 2nd China Global Franchise Summit (2008), Beijing Normal University, Zhuai, China.

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Hofer, C. "The Environmental Effects of Airline Carbon Emissions Taxation in the U.S.," in Air Transport Research Society Annual Meeting (2008), Athens, Greece: Air Transport Research Society (ATRS).

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Howlett, E., and Burton, S. "Disclosures of Calorie and Nutrient Information on Menus and Menu Boards: Opportunities and Potential Benefits for Consumers," in American Marketing Association (2008), San Diego, Calif.

Jensen, M. "The Effects of High Elaboration and Need for Cognition on Ethical Music Downloading Choices," in Society for Marketing Advances Conference (2008), Fla.

Jensen, T. "Evaluating Students' Evaluations of Teaching: Students, Faculty, and Department Chairs Perspectives," Society for Marketing Advances Doctoral Consortium, Society for Marketing Advances (2008), St. Petersburg, Fla.

Kemp, E., Kopp, S., Burton, S., Howlett, E., and Murray, J. "Emotion Regulation Consumption: Examining how Consumers use Consumption to Manage Emotions," in American Marketing Association Conference (2008), San Diego, Calif.

Kurtz, D. and Ferrell, O.C. "Trends in the Textbook Industry: Effects on Marketing Education," in Marketing Management Association Conference (2008), Chicago, Ill.

Murray, J., Bui, M., and Stokes, A. "Explaining Obesity: An Inquiry into the Lives of the Obese," Advances in Consumer Research Conference (2008), San Francisco, Calif.

Tangari, A. and Smith, R. "The Effect of Temporal Framing on Product Choice," Association for Consumer Research (2008), San Francisco, Calif.

Waller, M. "Emerging Supply Bases and Markets," 2008 CSCMP Educators Conference (2008), Denver, Colo.

Waller, M. "Risks in our Supply Chains - How to Manage a Supply Chain Responsibility and impact as Consumers," American Chamber of Commerce Conference on Corporate Citizenship for Today and Tomorrow (2008), American Chamber of Commerce, Shanghai, China.

Waller, M. "Supply Chain Responses to Accusations of Corporate Wrongdoings," CSCMP Conference (2008), Shenzhen, China.

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### **INVITED LECTURES:**

"Moderated 300+ Personal National Conference Architects, Engineers and Planners" Presented at Zweig Letter Hot Firm Conference and Awards Celebration, Zweig White Information Systems, Boston, Mass., 2008.

Aloysius, J. A. (Presenter & Author), Davis, F. D. (Author Only), Venkatraman, S. (Author Only) "Decision under Uncertainty: Explicating the Roles of Perceived Riskiness and Perceived Ambiguity" Presented at INFORMS National Meeting, 2008.

Bouwman, M. "Program Learning Assurance: Lesson Learned" Presented as ASCPA Fifth Annual Educators' Conference, Arkansas State Society of CPAs, Little Rock, Ark.

Cole, J. (Presenter & Author), Mobley, C. (Presenter & Author) "A Presentation on Professional Behavior" Presented at Sam M. Walton College of Business MBA Class, Fayetteville, Ark., 2008.

Cox, N. (Author Only), Jensen, M. (Presenter & Author) "SAP Curriculum Congress 2009" Presented at SAP Curriculum Congress, Charlotte, N.C., 2009.

Cronan, P., Douglas, D. E. "Enterprise Resources, Data Mining, and Business Intelligence" Presented at Monterey Tech University, Monterey, Mexico, 2008.

Cronan, P., Douglas, D. E., Davis, F. D., Hardgrave, B. C., Limayem, M. "Information Systems Research" Presented at Walton College Dean's Advisory Board, 2008.

Davis, C. C. (Presenter & Author) "Enterprise Computing at the University of Arkansas" Presented at IBM Business/Academic Roundtable, IBM, Dallas, Tex., 2008.

Davis, F. D. (Presenter & Author) "User Acceptance of Information Technology: Research Progress, Current Controversies, and Emerging Paradigms" Presented at International Conference on Electronic Business, Taipei, Taiwan.

Davis, F. D. (Presenter & Author), "User Acceptance of Information Technology: Research Progress, Current Controversies, and Emerging Paradigms" Presented at Pre-ICIS Workshop on HCI in MIS, Montreal Quebec.

Deck, C. "N/A" Presented at Workshop, Using Experiments in Undergrad Education, National Science Foundation, University of Arkansas, Fayetteville, Ark.

Ferrier, G. "Controlling for Quality when Measuring Efficiency" Presented at Agency for Health Research and Quality, Rockville, Md., 2008.

Finn, D. "The Effects of Audit Superior's Reputation on Subordinate Auditors' Whistle-Blowing Intentions" Presented at the American Accounting Association Annual Meeting, Anaheim, Calif., 2008.

Ganster, D. "Work Stress Measurement Issues" Center for Advanced Research Methods and Analysis (CARMA), Richmond, Va., 2008.

Ganster, D. (Presenter & Author) "Using Simulation in the Classroom" U of A Teaching Camp, TFSC, Petit Jean, Ark.

Gay, D., Herman, G. "Non-Lecture Teaching Methods" Presented at TFSC Summer Teaching Retreat, University of Arkansas Teaching and Faculty Support Center, Fayetteville, Ark., 2008.

Gu, J. "New faculty Luncheon Discussion" Presented at Teaching and Faculty Support Center, University of Arkansas, Fayetteville, Ark.

Hardgrave, B. C., "An Introduction to the RFID Research Center, University of Arkansas" Presented at AIDC-100, Boston, Mass., 2008.

Henderson, C. (Presenter) "Academic Accounting Research in Tax" Presented at Ph.D. Seminar, Sam M. Walton College of Business, Fayetteville, Ark., 2008.

Henderson, C. (Presenter) "Learning Styles and Teaching Styles" Presented at Annual Teaching Retreat, University of Arkansas Teaching and Faculty Support Center, Winrock Center, Morrilton, Ark., 2008.

Hofer, C. (Presenter & Author) "Belly Cargo Screening: Will Passengers Pay the Price? Evidence From The U.S. Domestic Airline Industry" Presented at Seminar Series for Robert H. Smith School of Business, University, Maryland, College Park, Md., 2008.

Horowitz, A. "The Impact of Parental Income on the Intra-household Distribution of School Attainment: A Measurement Strategy and Evidence" Presented at University of Illinois, Economics Department Research Seminar Series, Champaign-Urbana, 2008.

Jensen, M. (Presenter & Author) "Workshop Panelist" Presented at TA Professional Development Workshop, Teaching and Faculty Support Center, University of Arkansas, Fayetteville, Ark., 2009.

Jensen, M. (Presenter & Author), Miller, N. (Presenter & Author) "Active learning in the class - will they do it?" Presented at TFSC Teaching Camp 2008 - Teaching Like Your Student Depended on It, Wally Cordes Teaching and Faculty Support Center, Fayetteville, Ark., 2008.

Jensen, T. (Presenter & Author) "ESET: Evaluating Your Students' Evaluations of Teaching" Presented at Sam M. Walton College of Business, WCOB 6111: Teaching Seminar, Fayetteville, Ark., 2008.

Malakhov, A. (Author only), Nag, R. (Author only), Sanchez, D. (Presenter & Author), Sanchez, J.M. (Presenter & Author), Shook, C. (Presenter & Author) "Increasing Student Motivation During the Semester" Presented at American Account Association Annual Meeting. Chicago, Ill.

O'Leary-Kelly, A. "Resilience as a Job Requirement in an Academic Career" Women in Academia Conference, Information Systems Graduate Student Association, Sam. Walton College of Business, Fayetteville, Ark.

Pincus, K. (Presenter, Author) "Bringing IFRS Into the Classroom" Presented at Arkansas Educators Conference, Arkansas Society of CPAs, Little Rock, Ark., 2009.

Reyes, J. (Presenter) "Immigration to Arkansas" Presented at Immigration to Arkansas: Cost and Benefits (for Elementary Teachers), International Education Showcase Grant, National Council on Economic Education, World Trade Center, Rogers, Ark., 2008.

Robert, L. (Presenter & Author) "Perceived Deep-level Diversity, Social Integration, and Performance in Technology-enabled Teams" Presented at Information Systems Workshop at Price College of Business, The University of Oklahoma, Norman, Okla.

Sanchez, J. M. "Accounting Restatements, Securities Litigation and the Disciplining of Chief Financial Officers" Presented at the University of Arkansas Research Workshop, Department of Accounting, Sam M. Walton College of Business, University of Arkansas, Fayetteville, Ark.

Shook, C. "Arkansas, Oklahoma, and Texas CPA Exam Info" Presented at Beta Alpha Psi Meeting, Fayetteville, Ark., 2009.

Shook, C. "Tips for Creating a Successful Honors Thesis" Presented at Sam M. Walton College of Business, Honors Colloquium, Fayetteville, Ark., 2009.

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Zweig, M. "If You're Worried About Your Business Right Now" Presented at International Client Gathering, Miyamoto International, Los Angeles, Calif., 2008.

Zweig, M. (Presenter only) "What It Means To Be a Principal" Pathway to Principal, Three locations throughout U.S.: Zweig White, Inc., 2008.

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

"Strategic Human Resource Management: A Systems Perspective" Academy of Management, Anaheim, Calif., 2008.

"The Impact of Knowledge and Irrelevance on Group Information-Seeking and Performance" Academy of Management, Anaheim, Calif., 2008.

Abbott, L. (Presenter, Author), Parker, S., Peters, G. (Presenter, Author) "The Internal Audit Function's Organizational Position and its Impact on the External Auditor's Reliance Decision" Presented at American Accounting Association Annual Meeting, American Accounting Association, Anaheim, Calif., 2008.

Adkins, N. (Presenter, Author), Henderson, C. (Author), Turpin, R. (Author) "Financial Reporting Quality of Commercial Banks: Evidence from Disclosures under FIN48" Presented at Southeastern American Accounting Association Regional Meeting, American Accounting Association, University of Mississippi, 2009.

Akirmak, U., Johnson, R.E. (Presenter & Author), Rosen, C. "Affect and performance: Support for the Use of Implicit Measures" 23rd Annual Society of Industrial/Organizational Psychology Annual Conference, San Fransisco, Calif.

Anand, V. (Author Only), Ashforth, B.E. (Author only), Joshi, M. (Presenter & Author), O'Leary-Kelly, A. (Author Only) "Organizational and Occupational Identification: The Case of Indian Call Centers" Annual Academy of Management Meetings, Anaheim, Calif., 2008.

Anand, V. (Author Only), Ellstrand, A. (Author only), Joshi, M. (Presenter & Author), O'Leary-Kelly, A. (Author Only) "Organizational Multiple Identities and Top Executives' Information Seeking " Academy of Management Annual Meeting, Chicago, Ill., 2009.

Anand, V. (Author only), Gupta, N. (Author Only), Henderson, K. (Presenter & Author), Windeler, A. (Author Only) "The Impact of Knowledge and Irrelevance on Group Information Seeking and Performance" Annual Academy of Management Meetings, Anaheim, Calif.

Anand, V. (Presenter & Author), Ellstrand, A. (Presenter & Author), Rajagopalan, A. (Presenter & Author), Waller, M. (Presenter & Author) "Responding to Allegations of Corporate Wrongdoing" Academy of Management Annual Meeting, Chicago, Ill., 2009.

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Delery, J. (Author Only), Gupta, N. (Author Only), Kepes, S. (Presenter & Author) "Human Resource Management Systems" Academy of Management, Anaheim, Calif., 2008.

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Gay, D. "Friedrich A. Hayek: The 'Arkansas Traveler' Concludes" Presented at Southern Economic Association 78th Annual Conference, Southern Economic Association, 2008.

Gu, J. (Presenter, Author) "Household Credit and Monetary Transmission" Presented at Southern Economic Association, Washington, D.C., 2008.

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Newell, J. (Author Only), Robert, L. (Author Only), Riemenschneider, C. K. (Presenter & Author), Maruping, L. M. (Author Only) "Influencing Individual Perceptions of Deep-Level Diversity in Virtual Learning Teams (VLT)" Presented at Hawaii International Conference on System Science, Big Island, Hawaii, 2008.

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### **UNREFEREED PUBLICATIONS AND PROCEEDINGS:**

Banks, C. H., & Collier, M. G. (2008). Impact of training on faculty development: Political and public relations implications. *Proceedings of the North American Management Society track at the 2008 Midwest Business Administration Association Conference*, Chicago, IL.

Banks, C. H., & Collier, M. G. (2008). Designing and managing training and development for disadvantaged workers: An integrative literature review. *Proceedings of the North American Management Society track at the 2008 Midwest Business Administration Association Conference*, Chicago, IL.

- Banks, C. H., & Nafukho, F. M. (2008). Career transitions across and within organizations: Implications for human resource development. In T. M. Chermack & J. Storberg-Walker (Eds.), *2008 Academy of Human Resource Development Annual Research Conference Proceedings*, (pp. 1096-1102) Bowling Green, OH.
- Barnett, J. H., & Ritter, G. W. (2008) Why not reward teacher excellence? *Educational Leadership*, 66(2). (October 2008 issue, published online only)
- Battjes, J. (2008). *Building supervisor manual*. Fayetteville, AR: Department of Intramural/Recreational Sports.
- Battjes, J. (2008). *Service center manual*. Fayetteville, AR: Department of Intramural/Recreational Sports.
- Battjes, J., & Grinstead, B. (2008). *The department of intramural/recreational sports student employee manual*. Fayetteville, AR: Department of Intramural/Recreational Sports.
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- Battjes, J., & Grinstead, B. (2008). *Facility assistant handbook*. Fayetteville, AR: Department of Intramural/Recreational Sports.
- Beck, J. K. (2009, April). *Characteristics of the non-traditional student in a human resource development degree-fulfillment program at the University of Arkansas*. Northwest Arkansas Affiliate Branch of the National Association of Social Workers, Springdale, AR.
- Brumfield, R., & Miller, M. T. (2008). *A review of the literature related to government relations in higher education*. ERIC Document ED 503753.
- Daugherty, M. K. (2008). Transportation, distribution, and logistics curriculum guide and frameworks. *Arkansas Department of Workforce Education*, 1-169.
- Daugherty, M. K. (2009). Renewable energy technology curriculum guide and frameworks. *Arkansas Department of Workforce Education*, 1-305.
- Dittmore, S. (2008). [Book Review of *Sport Governance*.] *Journal of Sport Management*, 22, 633-635.
- Gaulke, T., & Helms, K. E. (2008). *Instructional programs instructor training handbook*. Fayetteville, AR: Department of Intramural/Recreational Sports.
- Goering, C. Z. (2008). Schizo-curricular: But come back next year. *Secondary English*.

Goering, C. Z. (2008). *The soundtrack of your life*. In Lawrence Baines' A teachers guide to multisensory learning: Improving literacy by engaging the senses. Alexandria, VA: Association for Supervision and Curriculum Development.

Goering, C. Z. (2009). *Come take a free write*. Quick writes across the content area. Information Age Publishing.

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Gray, N. L., Wolf, P. J., & Jensen, L. I. (2009) *Milwaukee longitudinal school choice evaluation: Annual school testing summary report 2007-08*. Report of the School Choice Demonstration Project, University of Arkansas, Fayetteville, AR, Milwaukee Evaluation Report #9, pp 40.

Greene, J. P., & Marsh, R. M. (2009) *The effect of Milwaukee's Parental Choice Program on student achievement in Milwaukee Public Schools*. The School Choice Demonstration Project, University of Arkansas, March.

Hazelrigs, J. (2008). *Outdoor Connection Center rental handbook*. Department of Intramural/Recreational Sports.

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Helmer, D., & Toner, M. A. (2009, January) Inclusive vocabulary program. *Advance for Speech-Language Pathologists, Clinicians in the Classroom Edition*, 11, 42.

Helms, K. E. (2008). *Fitness center employee manual*. Fayetteville, AR: Department of Intramural/Recreational Sports.

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Hewitt, P., Pijanowski, J., & Denny, G. (2008). Why teacher leaders don't want to be principals: Evidence from Arkansas. *Education Working Papers Archive*.

Hensen, N. C., Ritter, G. W., & Seal, B. R. (2008) *Classrooms of the 21st Century: Year two evaluation final project report*. Bentonville School District.

Kisida, Brian, Laura I. Jensen, & Patrick J. Wolf (2009) *The Milwaukee Parental Choice Program: Descriptive report on participating schools*. Report of the School Choice Demonstration Project, University of Arkansas, Fayetteville, AR, Milwaukee Evaluation Report #8.

- Miles, J. M., Nadler, D., & Miller, M. T. (2008). *A national study of improving participation in student self-governance leadership*. ERIC Document Number ED503754.
- Miller, M. T. (2008). Book review of community college faculty: Overlooked and undervalued. *Review of Higher Education*, 31(4), 519-522.
- Mock, B., Sloan, J., & Stoll, A. (2008). *Intramural supervisor handbook*. Fayetteville, AR: Department of Intramural/Recreational Sports.
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- Morris, A., & Miller, M. T. (2008). *Leadership role of the department chair in private colleges*. ERIC Document ED502257.
- Roessler, R., & Rumrill, P. (2008). *The win-win approach to reasonable accommodation* (5th Ed.). New York: National Multiple Sclerosis Society (fifth revision).
- Shadden, B. B., & Hagstrom, F. (2008). Language testing. In Frederick Leong (Ed.). *Encyclopedia of Counseling*. Sage Publishers
- Smith, K., Webb, J., & Williams, B. (2008). *Arkansas health & housing survey: Initial report*. Arkansas Universal Design Project. Fayetteville, AR: University of Arkansas Press.
- Stewart, T., Wolf, P., Cornman, S. Q., McKenzie-Thompson, K., & Butcher, J. (2009) *Family reflections on the District of Columbia Opportunity Scholarship Program: Final summary report*. School Choice Demonstration Project, University of Arkansas, Fayetteville, AR, SCDP 09-01.
- Thompson, C. W., & Hagstrom, F. (2008, September-October). Modeling healthcare logistics in a virtual world. *IEEE Internet Computing*, 100-104
- Thompson, C., Thompson, D., & Owens, T. (2008). Undergraduate students' perceptions of web classes. *Proceedings Hawaii International Conference on Education*.



Watson, D. (2009, February). *A consumer outcome satisfaction survey of Individuals who are deaf or hard of hearing served by the VR program in FY 2008*. Technical Research Report. Alabama Department of Rehabilitation Services Communication Plus Research Associates, Roland, AR.

Watson, D., & Boone, S. (2008, July). *Improving employment outcomes for the low-functioning deaf population*. Disability Rehabilitation Research Project. Annual Research Progress Report to the National Institute on Disability and Rehabilitation Research (DRRP grant # H133A06004). University of Arkansas: Research & Training Center for Persons who are Deaf or Hard of Hearing: Little Rock, AR.

Witte, J. F., Wolf, P.J., Cowen, J. M., Fleming, D. J., & Lucas-McLean, J. (2009) *MPCP longitudinal educational growth study second year report*. Report of the School Choice Demonstration Project, University of Arkansas, Fayetteville, AR, Milwaukee Evaluation Report #10.

Wolf, P. J., Gutmann, G., Puma, M., Kisida, B., Rizzo, L., & Eissa, N. O. (2009) *Evaluation of the DC Opportunity Scholarship Program: Impacts after three years*. U.S. Department of Education, Institute for Education Sciences, National Center for Education Evaluation and Regional Assistance, Washington, DC: U.S. Government Printing Office, NCEE 2009-4050.

Wolf, P. J. (2009) *The comprehensive longitudinal evaluation of the Milwaukee Parental Choice Program: Summary of second year reports*. Report of the School Choice Demonstration Project, University of Arkansas, Fayetteville, AR, Milwaukee Evaluation Report #6.

Wolf, P. J., (2008) Vouchers. *The International Encyclopedia of Education*, Gary McCulloch and David Crook (eds.), London: Routledge, 2008, pp. 635-636.

### **INVITED LECTURES:**

Adair, M., & Hagstrom, F., (2008, November) *Perceptual development and sequencing skills in children with ear infections*. Technical Session. American Speech-Language-Hearing Association, Chicago, IL.

Beck, J. K. (2009, February). *What is it like to be a member of HRD cohort one or cohort two?* Academy of Human Resource Development Annual Conference, Washington, DC.

Boone, S., & Watson, D. (2008, November). *LFD or Not? Making the case for identifying a challenging population*. Addressing the Needs of Students Labeled Deaf and Low Functioning, At-Risk or Deafblind Conference. Houston Texas.

Bowles, F. (2008, August). *Teaching Choctaw as a foreign language in a non-traditional setting*. Association of Teacher Educators, Washington, DC.

- Bitting, P., Brady, K., & Pijanowski, J.C. (2008). *Maximizing the economic efficiency of state lottery dollars for public education: A fiscal analysis of current state lottery models*. Annual Meeting of the American Educational Research Association in New York City.
- Buron, B. (2009) *Utilizing the personhood model for dementia care to identify and organize person-centered care practices*. 23rd Annual Southern Nursing Research Society Conference.
- Buron, B., & Dyers, S. (2009). *Promoting successful gerontological nursing research through innovative mentoring strategies* 23rd Annual Southern Nursing Research Society Conference.
- Carter, V. (2008, November). *Using Web 2.0 to enhance learning and communication in the Technology Education classroom*. Four State Regional Technology Conference, Pittsburg, KS.
- Carter, V. (2009, March). *Science, technology, engineering, and mathematics (STEM) education*. International Technology Education Association Annual Conference, Louisville, KY.
- Costrell, R. M., & McGee, J. (2009, February), *Teacher pensions and retirement in Arkansas*, Teacher Retirement Benefits Conference, Vanderbilt University, Nashville, TN.
- Costrell, R. M., & Podgursky, M. (2009, February). *Distribution of benefits in teacher retirement systems and their implications for mobility*, Teacher Retirement Benefits Conference, Vanderbilt University, Nashville, TN
- Daugherty, M. K. (2008, August). *STEM curriculum implementation strategies for elementary schools*. Clemson University, Clemson, SC.
- Daugherty, M. K. (2008, December). *Preparing for a life in academia: 21st Century Leadership Fellows*. University of Georgia, Athens, GA.
- Daugherty, M. K., & Daugherty, G. A., (2008, December). *Strategies for successful parenting*. Presented at the Annual Autism Spectrum Disorders Symposium, Fayetteville, AR.
- Davis, S. L., Bowles, F., Gallavan, N., & Barnes, D. (2008, December). *Recognizing the juxtaposition between socio-cultural aspects of teaching, teacher dispositions, and educational outcomes*, Association of Teacher Educators, Washington, DC.
- DiBrezzo, R., Fort, I., Gray, M., & Powers, M., (2009). *Women as mentors: The essential connection*. American Alliance for Health, Physical Education, Recreation and Dance, National Meeting, Tampa, FL.
- Dunn, K. E., & Rakes, G. C. (2008, November). *Teacher education: A time and a place for learner centered change*. 37th Annual Meeting of the Mid-South Educational Research Association; Knoxville, Tennessee.

Farley, R. C., (Panel Moderator), (2008, November), *Arkansas Board of Examiners in Counseling requirements of clinical supervision*, Arkansas Counseling Association Annual Conference, Ft. Smith, AR

Fort, I., & Miller, B., (2008). *Assessment techniques*. Teaching and Faculty Support Center Teaching Retreat, WinRock Conference Center, Morrilton, AR.

Fort, I., (2008). *Hot topics with hot teachers*, New Faculty Lunch Discussion.

Gallagher, F., & Hazelrigs, J. (Eds.). (2009). *General trail etiquette*. Fayetteville, AR: City 16 Government Channel.

Gallagher, F., & Hazelrigs, J. (Eds.). (2009). *Bicycle video: Personal bike safety on the roadways and on the trails*. Fayetteville, AR: City 16 Government Channel.

Gartin, B. C., Murdick, N. L., & Rhomberg, T. (2008, October). *Building memory skills in children with cognitive disabilities*. 11th International Conference on Cognitive Disabilities/Mental Retardation, Autism, & Other Developmental Disabilities. San Diego, CA.

Gartin, B. C., Chaturvedi, A., & Murdick, N. L. (2008, November). *Children with cancer: School related issues*. AR-CEC Annual Conference. Hot Springs, AR: Lecture.

Gartin, B. C., & Terrell, J. E. (2008, November). *If you don't post it, they won't come!* AR-CEC Annual Conference. Hot Springs, AR.

Getch, Y.Q., & Gartin, B. (2008, July). *IEPs and 504 Plans: What are they, who needs one, and navigating the process*. MAGIC (Major Aspects of Growth In Children) Foundation, Chicago, IL.

Goering, C. Z., Baker, K. F., & Medders, J. (2008, November). *Oral reading fluency in tenth graders identified as poor readers*. American Speech Language-Hearing Association, Chicago, IL.

Goering, C. Z., Oertel, S. E., & Erickson, K. (2008, November). *Using popular music, text messaging, and social networking to teach literature in the 21st Century*. Annual Convention of the National Council of Teachers of English. San Antonio, TX.

Goering, C. Z., de Verges, S., Marston, L., & Roberts, K. (2008, November). *Where are [we] going, where have [we] been? Contemporary issues surrounding the teaching of book-length literature*. Annual Convention of the National Council of Teachers of English. San Antonio, TX.

Goering, C. Z., & Oertel, S. E. (2008, July). *Tunes, texts, and social networks as engaging literacy practices in the teaching of literature*. Whole Language Conference, Tucson, AZ.

Goering, C. Z. (2008, November). *The fluency project as research primer*. Conference on English Education, San Antonio, TX.

Goering, C. Z. (2008) *Reaching Out to Rural Teachers: Open and on-line Institutes*. National Writing Project's Rural Sites Network Conference, Kalamazoo, MI.

Goering, C. Z. (2008) *Literature, Literacy, and popular music: A study of connections between Of Mice and Men and readers' musical intertextuality*. Combined Annual Convention of the Popular Culture Association and the American Culture Association, New Orleans, LA.

Greene, J. P., Winters, M. A., Ritter, G. W., Marsh, R. H., & Holley, M. J. (2008, December) *The impact of performance pay for public school teachers: Theory and evidence*, The Program on Education Policy and Governance, Harvard University, .

Greene, J. P. (2008) *Abraham Lincoln and the virtue of incremental reform*. Learning From Lincoln: Principle and Pragmatism, A Symposium

Greene, J. P. (2008) *Confronting challenges and creating opportunities*. The Alliance for School Choice.

Greene, J. P. (2008) *Special education vouchers*, The Show-Me Institute.

Greene, A. (2008, August). *Autism training for encore and specialist teachers*. Fayetteville Public Schools, Fayetteville, AR.

Hagstrom, F., Aslin, L., Baker, K. & McGehee, M. (2008, November). *Using undergraduate collaborative teaching and learning to build metacognitive skills*. American Speech-Language-Hearing Association, Boston, MA.

Hagstrom, F., Shadden, B., & Koski, P. (2008, September) *Neurogenic communication disorders and identity*. Seminar session. International Society for Cultural and Activity Research (ISCAR), San Diego, CA.

Hammons, J. (2009, May). *What does it take to be a successful chair?* National Institute for Staff and Organizational Development 31st Annual Conference, Austin, TX.

Hammons, J. (2009, May). *Factors affecting student performance - and how to influence them*. National Institute for Staff and Organizational Development 31st Annual Conference, Austin, TX.

Hewitt, P., Pijanowski, J., & Holt, C. (2008, August). *The perception of teacher leaders and superintendents regarding the importance of compensation when choosing a career in school administration*. National Council of Professors of Educational Administration, San Diego, CA.

Hewitt, P., & Pijanowski, J. C. (2008, August). *Compensation as a motivator to become a school administrator: A study of the perceptions of Arkansas superintendents and identified teacher leaders*. National Council of Professors of Educational Administration, San Diego, CA.

Hewitt, P. (2008, August). The status of school leadership in Arkansas. 14<sup>th</sup> Annual Joint Conference of the Arkansas Association of Educational Administrators and the Arkansas School Boards Association, Little Rock, AR.

Higgins, K., & Boughfman, E. M. (2009, February). *Understanding Asperger Syndrome and other autism spectrum disorders*. Parent and Teacher Meeting, Prairie Grove Public Schools, Prairie Grove, AR.

Higgins, K., Burnett, T., & Keller, B. (2008, October). *Current issues in school counseling*. Northwest Region ArSCA (Arkansas School Counselors Association) Fall Conference, Fayetteville, Arkansas.

Hughes, C. (2008). *Teaching ethics at a distance*. North American Management Society, Midwest Business Administration Association Conference. IL: MBAA.

Higgins, K. K., & Dahlia. (2008, October). *Career counseling in the wake of a natural disaster*. Southern Association of Counselor Educators and Supervisors (SACES) conference. Houston, TX.

Holaway-Johnson, C., Stegman, C., & Mulvenon, S. (2008, August). *Data analysis and probability: An examination of criterion-referenced test scores*. American Statistical Association Joint Statistical Meeting, Denver, CO.

Holt, C., Massey, L., Capps, M., & Hewitt, P. (2008, August) *School bond success for a mid-west school district: A case study*. National Council of Professors of Educational Administration, San Diego, CA.

Imbeau, M. B. (2008, November). *Connecting with kids and connecting kids with content: Supporting differentiated instruction K-12*. Fall Institute, Association of Supervision and Curriculum Development, Tampa, FL

Imbeau, M. B. (2008, October). *Using learner profile differentiation*. Fall Conference on Teaching and Learning, Association of Supervision and Curriculum Development, Los Angeles, CA.

Imbeau, M. B. (2008, October). *Working with special needs in the differentiated classroom*. Fall Conference on Teaching and Learning, Association of Supervision and Curriculum Development, Los Angeles, CA.

Kacirek, K., Nafukho, F., & Lynham, S. (2008). *Introduction to emotional intelligence as a leadership strategy: Mastery of self, action and practice*. United Nations Development Program's Inaugural Female Resident Coordinator's Leadership Development Retreat, New York, NY.

Kissinger, D. B. (2008, November). *Millennials in the counselor education classroom: Pedagogical implications and strategies*. Western Association for Counselor Education and Supervision conference. Palm Springs, CA.

Kissinger, D. B. (2008, November) *The wellness model in counselor education, training, and practice*. School of Education, Tanta University, Tanta, Egypt.

Kissinger, D. B. (2008). *Millennials in the classroom: Pedagogical implications*. Department of Horticulture, University of Arkansas, Fayetteville, AR.

Kissinger, D. B. (2008). *Understanding depression*. Arkansas Spinal Cord Commission. Springdale, AR.

Kissinger, D. B. (2008, October). *Personal and career counseling issues of persons with traumatic brain injury*. Southern Association for Counselor Education and Supervision, Houston, TX.

Kissinger, D. B., & Nesbit, E.A. (2008, October). *Millennials in the counselor education classroom*. Southern Association for Counselor Education and Supervision, Houston, TX.

Kluess, H. (2009). *Environmental modulation of sympathetic neurotransmission*, Department of Biology Seminar Series, University of Arkansas.

Kluess, H. (2009). *Women and cardiovascular disease: What we know and where we are going*. Arkansas Health Disparities Conference: Promoting Health Equity in Arkansas.

Leppien, J. H., & Imbeau, M. B. (2008, November). *Student Investigations and research*. Board Presentation, National Association of Gifted Children, Tampa, FL.

Machtmes, K., Fox, J., & Deggs, D. (2009, April). *Teaching qualitative research methods through service-learning*. Annual Meeting of the American Educational Research Association. San Diego, CA.

Mamiseishvili, K. (2008). *Examining international faculty members' productivity over time*. 28th Mid-America Association for Institutional Research (MidAIR), Kansas City, MO.

Mamiseishvili, K. (2008). *International faculty in the United States: An examination of their workload, productivity, and job satisfaction*. 48th Association for Institutional Research (AIR), Seattle, WA.

Mamiseishvili, K., & Miller, M. T. (2009, June). *Faculty on sabbatical leaves: Evidence from NSOPF: 04*. Association for Institutional Research's Annual Conference, Atlanta, GA.

Maranto, R., Ritter, G. W., & Stotsky, S. (2008, December). *The good, the bad, and the ugly: Will President Obama's school reform bring the change kids need?* Golden, CO: Independence Institute (IP-10-2008)

Mayes, S., & Hagstrom, F. (2008). *The yin-yang of motivation*. University of Arkansas Wally Cordes Teaching and Faculty Support Center – Teaching Retreat, WinRock Center, Petit Jean Mountain, AR.

- Mayes, S. (2008). *Making the most of your college experience*. Men's Athletic Academic Advising, University of Arkansas, Fayetteville, AR.
- Mayes, S., & Hagstrom, F. (2009). *Engaging and fun classrooms*. University of Arkansas Wally Cordes Teaching and Faculty Support Center – New Faculty Luncheon, University of Arkansas, Fayetteville, AR.
- Miles, J. M. (2008, November). *A national study of improving participation in student self-governance leadership*. Mid-South Educational Research Association, Knoxville, TN.
- Miles, J. M. (2008, November). *Academic achievement and body image in undergraduate college women*. Mid-South Educational Research Association, Knoxville, TN.
- Miller, M. T. (2009, February). *Keynote address: Trust in university decision-making - priorities and problems*. Intercultural and Multicultural Research Symposium, Las Vegas, NV.
- Miller, M. T. (2009, February). *Writing for publication: Guiding new professionals*. Annual Meeting of the Eastern Educational Research Association, Clearwater Beach, FL.
- Miller, M. T., Katsinas, S., & Hardy, D. (2009, April). *The community college funding crisis and salaries in states with and without collective bargaining: Issues and implications for policy and practice*. Academic Bargaining in an Era of Constraint, New York, NY.
- Miller, M. T. (2009, February). *Involving students of color in university decision-making*. 34th Annual Meeting of the Society for Cross Cultural Research, Las Vegas, NV.
- Miller, M. T., & Nadler, D. P. (2009, February). *A comparative study of staff involvement in institutional governance: A cross cultural perspective*. 34th Annual Meeting of the Society for Cross Cultural Research, Las Vegas, NV.
- Miller, M. T. (2008, October). *An analysis of faculty governance patterns using NSOPF data*. Sixth Annual National Society of Shared Governance, Dallas, TX.
- Miller, M. T., & Newman, R. E. (2008, October). *Evaluating faculty and staff governance outcomes*. Panel Symposium, Sixth Annual National Society of Shared Governance, Dallas, TX.
- Miller, M. T. (2008, September). *Higher education reform: Politics and policies in the new millennium*. Panelist, Higher Education Reform Roundtable, University of Memphis, Memphis, TN.
- Mulvenon, S., & Airola, D. (2008, February). *Understanding longitudinal data: Data quality, growth and reports in the age of NCLB*. 21<sup>st</sup> Annual MIS Conference, San Francisco, CA.
- Newgent, R., & Higgins, K. (2008, August). *Bully busters and parental involvement for elementary school teachers*. The PEPS Program, Fayetteville Public Schools, Fayetteville, AR.

Newgent, R. A., Higgins, K. K., Heckathorn, D. A., Boughfman, E. M., & Lounsbery, K. (2008, November). *Bully busters (Part 1): Recognizing the bully and recommendations and interventions for bullying behavior*. Arkansas Counseling Association 63<sup>rd</sup> Annual Conference, Fort Smith, AR.

Newgent, R. A., Higgins, K. K., Heckathorn, D. A., Boughfman, E. M., & Lounsbery, K. (2008, November). *Bully busters (Part 2): Recognizing the victim and recommendations and interventions for helping victims*. Arkansas Counseling Association 63<sup>rd</sup> Annual Conference, Fort Smith, AR.

Newgent, R. A., Higgins, K. K., Heckathorn, D. A., Boughfman, E. M., & Lounsbery, K. (2008, November). *To Ph.D. or not to Ph.D.? That is the question...* Arkansas Counseling Association 63<sup>rd</sup> Annual Conference, Fort Smith, AR.

Newgent, R., Johnson, C., Stegman, C., & Cavell, T. (2008, January). *Impact of a lunch buddy mentoring program for potential victims of peer harassment*. International Conference on Education, Honolulu, HI.

Odell, E., & Barta, K. (2009) *A senior synthesis best practice project: A collaborative teaching effort*. Nurse Educator Institute

Oliver, G. (2008). *Be strong to live strong*. Strengthening Our Community by Strengthening our Workforce Skills: Jones Center for Families, Springdale, AR.

Oliver, G., (2009). *Injury prevention and performance enhancement*. NWA Dance Coalition, Fayetteville, AR.

Onwuegbuzie, A. J., Johnson, R. B., & Collins, K. M. T. (2008, July). *A call for mixed analysis: Deconstructing separatist qualitative and quantitative analysis*. Mixed Methods Conference, Fitzwilliam College, Cambridge, England.

Park, S. C. (2009). *Teachers' perceptions of teaching social justice: Understanding social injustice in teaching for social justice*. American Educational Research Association.

Penner-Williams J., & Gonzales Worthen, D. (2008, September) *Project teach them all: Professional development for Arkansas secondary teachers*. Southeast Teachers of English to Speakers of Other Languages. Birmingham, AL.

Pijanowski, J. C. (2008). *Assessing the moral domain in educational leadership*. University Council for Educational Administration Conference in Orlando, FL.

Roessler, R. (2008, July) *Improving the employment outcomes of students with disabilities in higher education: Identifying and removing barriers*. International Conference on Education, Economy, and Society, Paris, France.



Roessler, R. Poster Presentation (2008, September). *Allegations and resolutions of employment discrimination encountered by adults with MS*. World Congress on Treatment and Research on Multiple Sclerosis, Montreal, Canada

Roessler, R. (2008, October) *Multiple sclerosis and employment discrimination: EEOC trends*. National Rehabilitation Association, St. Louis, MO.

Schmidtke, C. (2009, May) *Epistemological alternatives for non-native teachers of native students*. The International Congress of Qualitative Inquiry, 2009.

Smith, K., Webb, J., & Williams, B. (2008). *Redefining equality in housing in the south: The design of the Arkansas proto-House*. 39<sup>th</sup> Annual Conference of the Environmental Design Research Association, Veracruz, Mexico.

Smith, K., Webb, J., & Williams, B. (2008). *Arkansas health & housing survey: Initial report*. Arkansas Universal Design Project Fall Strategic Planning Symposium, Little Rock, AR.

Smith, K., Webb, J., & Williams, B. (2008). *Developing and implementing the Arkansas usability standards in housing*. Universal Design Summit III, St. Louis University, St. Louis, MO.

Smith, K., & Williams, B. (2008). *Community of choice: Employment and housing for people with disabilities forum*. Wal-Mart, Inc., Bentonville, AR.

Smith, T.E.C. (2008, July). *Steps in planning for students under Section 504*. ADE Special Show 2008, Hot Springs, AR.

Smith, T.E.C. (2008, October). *Teaching self-determination and social skills to students with cognitive disabilities*. 11th International Conference on Cognitive Disabilities/Mental Retardation, Autism, and Other Developmental Disabilities. San Diego, CA.

Smith, T.E.C. (2008, November). *Self-determination and social skills preparation for students with cognitive disabilities*. 35th Conference, Council for Exceptional Children, Hot Springs, AR.

Smith Nix, A., & Henderson, C. (2008). *Analyzing and working within your teaching style*. University of Arkansas Wally Cordes Teaching and Faculty Support Center – Teaching Retreat 2008, WinRock Center, Petit Jean Mountain, AR.

Stotsky, S. (2009, June) *How to develop internationally benchmarked mathematics standards*. New Jersey State Legislature's Joint Committee on the Public Schools.

Stotsky, S. (2008, August) *Civic engagement*. We the People Summer Institute, Boston, MA.

Stotsky, S. (2009, April) *Why Ohio needs world-class content standards for K-12, and how to get there*. Hearing of the Ohio Senate Education Committee.

Sweeney, S., & Wavering, M. (2008, March). *Using children's literature to help young children understanding science as a human endeavor*. National Science Teachers Association National Conference, Boston, MA.

Thompson, C., Thompson, D., & Owens, T. (2008). *Undergraduate students' perceptions of web classes*. Hawaii International Conference on Education, Honolulu, HI.

Thompson, D., Thompson, C., Grover, K., & Owens, T. (2008). *A comparison of adult students' perceptions of web and interactive audio-video classes*. Hawaii International Conference on Education, Honolulu, HI.

Totten, S. (2009). *The suffering doesn't end once the killing has stopped: The plight and fate of the survivors of the 1994 Rwandan genocide*. University of Arkansas.

Totten, S. (2008, September). *The United States' recalcitrance to ratify the United Nations Convention on the Prevention and Punishment of Genocide*. Conference in Memory of Raphael Lemkin on the 60<sup>th</sup> Anniversary of the Adoption of the Convention of the UNCG. Warsaw, Poland.

Wang, K., Mulvenon, S., Stegman, C., & Xia, Y. (2008, August). *Improving educational data quality for growth model analysis*. 2008 American Statistical Association Joint Statistical Meetings, Denver, CO.

Watson, D., & Boone, S. (2008, October). *The fabric of diversity: Persons labeled deaf and low functioning or at-risk*. Deaf Adolescent Conference, Saint Louis, Missouri.

Watson, D., Adams, T., Conway, P. Fish, Sills, R, Lascek, S., & Feltner, A. (2008, October). *Model state plan for services to persons who are deaf, deaf-blind, hard of hearing, or late deafened*. SERID 2008. Atlanta, GA.

Watson, D., & Boone, S. (2008, October). *The fabric of diversity: Persons labeled deaf And low functioning or at-risk*. Deaf Adolescent Conference. St. Louis, MO.

Watson, D. (2008, November). *Postsecondary training needs of deaf and hard on Hearing students who are LFD or at-risk*. Region 4 Educated Solutions: Addressing the Needs of Students Labeled Deaf and Low-Functioning, At Risk, or Deaf Blind. Houston, TX.

Wavering, M., Hayes, M., Hendley, B., Michaud, C., & Pledger B. (2008, November). *Why does teaching the nature of science matter?* Arkansas Conference on Curriculum, Little Rock, AR.

Webb, J., & Williams, B. (2008). *Rethinking the future: Definitions, disability, and design*. Annual Conference of the Interior Design Educators Council, Montreal, QC, Canada.

Williams, B., & Ludlow, W. (2008, November). *Beyond the summary page: Understanding psychological evaluations and implementing play therapy techniques*. International Play Therapist Association 17th Annual Conference, Dallas, TX.

Wolf, P. J. (2009, May) *Written testimony for the hearing The D.C. Opportunity Scholarship Program: Preserving School Choice for All*, Senate Committee on Homeland Security and Governmental Operations.

Wolf, P. J. (2008, November 19) *The policy implications of school vouchers*. Guest Lecture, Notre Dame University, South Bend, IN.

Wolf, P. J. (2008, September) *The latest school voucher research: DC and Milwaukee*. State Policy Network Summit on K-12 Education, Scottsdale, AZ

Wolf, P. J. (2008, July 12) *The latest school choice research: DC and Milwaukee*, Alliance for School Choice Annual Retreat, Jackson Hole, WY.

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

Baine, B., Gorman, D., Kern, J., Hunt, S., Denny, G., & Farris, J. (2009). *Relationship between body mass index and motor skills of children*. American Alliance for Health Physical Education and Dance Conference. Tampa, FL.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. Lecture, University of Arkansas Resident Assistants, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. International Student Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. New Student Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. New Faculty Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports presentation and HPER building tour*. International Student Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. Graduate Student Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, August). *The department of intramural/recreational sports*. Razorbash, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, September). *The department of intramural/recreational sports*. Honors College, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, September). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, September). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. Student Health Fair, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. Registered Student Organization Chi Alpha, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class Fulbright Perspectives Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, October). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, November). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, November). *The department of intramural/recreational sports*. Faculty/Staff Health and Benefits Fair, University of Arkansas, Fayetteville, AR.

Battjes, J. (2008, November). *Effective tools for time management*. Walton College of Business Management Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2009, January). *The department of intramural/recreational sports presentation and HPER Building tour*. International Student Orientation, University of Arkansas, Fayetteville, AR.

Battjes, J. (2009, March). *Maintenance guidelines for smooth operation of a natatorium*. Health Science, Recreation, and Dance Recreation Class, University of Arkansas, Fayetteville, AR.

Battjes, J. (2009, June). *The department of intramural/recreational sports*. First Year Experience Mentors, University of Arkansas, Fayetteville, AR.

- Battjes, J., & Edmonston, C. (2009, February). *The department of intramural/recreational sports*. Diversity Impact, University of Arkansas, Fayetteville, AR.
- Battjes, J., & Grinstead, B. (2009, November). *The department of intramural/recreational sports*. Diversity Impact, University of Arkansas, Fayetteville, AR.
- Beck, J. K. (2009, April). *Characteristics of the non-traditional student in a human resource development degree-fulfillment program at the University of Arkansas*. Northwest Arkansas Affiliate Branch of the National Association of Social Workers, Springdale, AR.
- Benton, G. (2008). *Techniques for interpreting indigenous cultures at selected NPS sites*. National Association for Interpretation International Conference, Sokcho, Korea.
- Benton, G. (2009). *Interpretation is management: Four conceptions of interpretation as goals for the process*. National Association for Interpretation International Conference, Athens, Greece.
- Benton, G. (2009). *The interpretation of water resources in the context of recreation and tourism*. National Association for Interpretation International Conference, Athens, Greece.
- Boone, S. (2008, July). *Striving and thriving at work: Resources to improve employment outcomes*. Texas Department of Rehabilitation Services. Corpus Christi, TX.
- Boone, S., & Watson, D. (2008, July). *Improving employment outcomes for persons labeled deaf and low functioning or at-risk*. Texas Department of Rehabilitation Services. Corpus Christi, TX.
- Buss, B., Fort, I., Di Brezzo, R., & Baghurst, T. (2008). *Home and away: Nutrient intake in female collegiate division I athletes*. Central States American College of Sports Medicine Annual Meeting, Kansas City, MO.
- Calleja, P. & Kern, J. (2008). *Developing innovative teachers*. Arkansas Association of Teacher Educators conference, Russellville, AR.
- Calleja, P., & Kern, J. (2009). *Enhancing teacher training to combat a changing world economy*. National Association for Kinesiology and Physical Education in Higher Education conference, Sarasota, FL.
- Carter, V. (2008, November). *Using wikis in the classroom*. Master Principal Institute, Arkansas Leadership Academy, Winthrop Rockefeller Institute, Petit Jean, AR.
- Costrell, R. M., & Trivitt, J. (2008, November), *Charter school participant effects in Massachusetts*, Southern Economic Association, Washington, D.C.
- Costrell, R. M. (2008, November), *Evaluating methods of 'costing out' adequacy*, Stinson, Morrison, Hecker, Kansas City, MO

- Dirksen, S. (2008, October). *Exit light enter darkness, Caving techniques* Association of Outdoor Recreation and Education National Conference. San Diego, CA.
- Delorey, D., Buckwalter, J., Mittelstadt, S., Kluess, H., & Clifford, P. (2009). *Non-adrenergic receptor mediated tonic vasoconstriction in skeletal muscle does not change with age*. Experimental Biology Annual Meeting. New Orleans, LA.
- DiBrezzo, R., Shadden, B., Glave, P., Powers, M., & Gray, M. (2009). *Caregiving and perceptions of health*. American College of Sports Medicine, Seattle, WA.
- Dirksen, S., & Grinstead, B. (2009, March). *Standard first aid/CPR*. Intramural/Recreational Sports Student-Employees, Fayetteville, AR.
- Dittmore, S., & Seltzer, T. (2009). *Down, set, frame: Second-level agenda building and the NFL Network carriage dispute*. North American Society for Sport Management Conference, Columbia, S.C.
- Dittmore, S., & Crow, C. (2009). *Competitive balance in the founding BCS conferences: Regular and post-season implications*. College Sport Research Institute's 2009 Scholarly Conference on College Sport, Chapel Hill, N.C.
- Dittmore, S., & Moiseichik, M. (2009). *When industry consolidation does not equal monopoly: The merger of XM and Sirius and its impact on sports media rights*. Sport and Recreation Law Association, San Antonio, Texas.
- Dittmore, S., & Nagel, M. (2009). *Legal issues in RSN carriage battles: The role of the courts, congress and the FCC*. Sport and Recreation Law Association, San Antonio, Texas.
- Dittmore, S., Stoldt, G., Bass, J., & Biery, L. (2009). *Media policies in the era of new media: An analysis of how sport organizations approach bloggers and blogging*. North American Society for Sport Management, Columbia, S.C.
- Dwelly, P., Oliver, G., & Adams-Blair, H. (2009). *Improved muscle activation in performing a functional lunge versus a traditional squat*. American College of Sports Medicine, Seattle, Washington.
- Dwelly, P., Oliver, G., & Kwon, Y-H. (2009). *Kinematic motion of the windmill softball pitch in prepubescent and pubescent females*. World Federation of Athletic Training and Therapy, San Antonio, TX.
- Edmonston, C. E. (2008, September). *The department of intramural/recreational sports*. University of Arkansas' Organization, Administration, Marketing in P. E. Class, University of Arkansas, Fayetteville, AR.

Edmonston, C. E. (2008, October). *The state of the department of intramural/Recreational Sports at the University of Arkansas*. Southeastern Athletic Conference Campus Recreation Director's Summit, Baton Rouge, LA.

Edmonston, C. E. (2008, October). *Navigating the web to find the imrs homepage*. College of Education and Health Profession's Staff Development Series, University of Arkansas, Fayetteville, AR.

Edmonston, C. E. (2008, November). *The department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Edmonston, C. E. (2009, March). *The department of intramural/recreational sports*. Dean's Advisory Council, University of Arkansas, AR.

Edmonston, C. E. (2009, March). *Natatorium and swimming pool operations*. Facility Management Class, University of Arkansas, Fayetteville, AR.

Edmonston, C. E. (2009, March). *Natatorium and swimming pool operations*. Facility Management Class, University of Arkansas, Fayetteville, AR.

Edmonston, C. A., & Hazelrigs, J.M. (2008, November). *Department of intramural/recreational sports*. Keep Arkansas Beautiful, Little Rock, AR.

Esslinger, K., Esslinger, T., Dwelly, P., & Oliver G. (2009). *Identifying a need for functional movement analysis in recreationally active college students - a pilot study*. American Alliance for Health, Physical Education, Recreation and Dance, Tampa FL.

Evanson, K., Stone, A., & Kluess, H. (2009). *Neuropeptide Y concentration within sympathetic nerve endings of skeletal muscle arterioles*. Experimental Biology Annual Meeting. New Orleans, LA.

Evanson, K., Stone, A., & Kluess, H. (2009). *Vasodilation of vascular smooth muscle at different temperatures*. American College of Sports Medicine Annual Meeting. Seattle, Washington.

Gaulke, T. (2008, October). *Department of intramural/recreational sports*. Health Center Alternative Tailgate, University of Arkansas, Fayetteville, AR.

Gaulke, T., & Edmonston, C. E. (2009, April). *Caution: Race in progress*. National Intramural/Recreational Sports Association annual conference. Charlotte, NC.

Goering, C. Z. (October, 2008). *Using popular music to connect students to literacy rich lives*. Augusta, AR.

Gorman, D., Calleja, P., & Esslinger, K. (2008). *How much do you really know about diet, exercise, and nutrition: Test your knowledge*. Arkansas Association for Health, Physical Education, Recreation, and Dance conference, Little Rock, AR.

Gorman, D. (2009). *Maximizing student learning through creative learning activities*, Arkansas for Gifted and Talented Education Conference. Little Rock, AR.

Greene, J. P. (2008, November). *The effect of Milwaukee's Parental Choice Program on student achievement in Milwaukee Public Schools*. Association for Public Policy, Analysis, and Management, Los Angeles, CA.

Greene, J. P. (2008, September) *The Big Rock Candy Mountain of education*, Clemson University Conference on School Choice, Clemson University.

Grinstead, B. (2009, October). *The department of intramural/recreational sports*. Ready Razorback, University of Arkansas, Fayetteville, AR.

Grinstead, B. (2009, April). *The department of intramural/recreational sports*. Ready Razorback, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2008, September). *Department of intramural/recreational sports*. Holcombe Hall, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2008, September). *Group exercise*. Fitness Concepts Class, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2008, September). *Group exercise*. Lecture Fitness Concepts Class, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2008, October). *Department of intramural/recreational sports*. Senior Seminar Class, University of Arkansas, Fayetteville, AR.

Hamilton, A.B. (2009, February). *Group exercise*. Wellness Concepts Class, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2009, February). *Department of intramural/recreational sports*. Reid Hall, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2009, February). *Department of intramural/recreational sports*. Senior Seminar Class, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2009, February). *Group exercise*. Wellness Concepts Class, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2009, February). *Department of intramural/recreational sports*. College of Engineering, University of Arkansas, Fayetteville, AR.

Hamilton, A. B. (2009, February). *Department of intramural/recreational sports*. College of Engineering, University of Arkansas, Fayetteville, AR.



Hamilton, A. B. (2009, April). *Group exercise*. National Intramural/Recreational Sports annual conference. Charlotte, NC.

Hamilton, A. B., Helms, K. E., & Plunkett, Z. A. (2009, April). *Department of intramural/recreational sports*. Spring Ready Razorback, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, December). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, December). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2009, February). *Department of intramural/recreational sports*. Leadership Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2009, April). *Department of intramural/recreational sports*. Army ROTC, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2009, April). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, July). *Department of intramural/recreational sports*. International Student Orientation, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, August). *Department of intramural/recreational sports*. New Student Orientation, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, August). *Department of intramural/recreational sports*. New Student Orientation, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, November). *Standard first-aid/CPR*. New Intramural/Recreational Sports Student-Employees, Fayetteville, AR.

Hazelrigs, J. M. (2008, September). *Department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, September). *Department of intramural/recreational sports*. First Year Experience Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, October). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.

Hazelrigs, J. M. (2008, October). *Department of intramural/recreational sports*. Health Fair, University of Arkansas, Fayetteville, AR.

- Hazelrigs, J. M. (2008, October). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.
- Hazelrigs, J. M. (2008, October). *Department of intramural/recreational sports*. Outdoor Recreation Class, University of Arkansas, Fayetteville, AR.
- Hazelrigs, J. M. (2008, November). *Standard first-aid/CPR*. New Intramural/Recreational Sports Student-Employees, Fayetteville, AR.
- Helmer, R., Dwelly, P., & Oliver, G. (2009). *Analysis of navicular drop in moderately active college students*. World Federation of Athletic Training and Therapy, San Antonio, TX.
- Helms, K. E. (2008, September). *Department of intramural/recreational sports*. Fitness Concepts Class, University of Arkansas, Fayetteville, AR.
- Helms, K. E. (2008, September). *Department of intramural/recreational sports*. Honors College Orientation, University of Arkansas, Fayetteville, AR.
- Helms, K. E. (2009, January). *Department of intramural/recreational sports*. Spring 2009 Welcome Weeks, University of Arkansas, Fayetteville, AR.
- Henry, L. J. (2008). *Teen pregnancy: Rallying the community for prevention*. University Forum, University of Nevada, Las Vegas, NV.
- Hoffman, H., Dwelly, P., Barber, K., Keeley, D., & Oliver, G. (2009). *The relationship between pelvic kinematics and gluteal activity*. 3rd Annual RAZOR Fitness Sports Medicine Symposium, Fayetteville, AR.
- Hornaday, K., Shadden, B., Di Brezzo, R., & Powers, M. (2008). *Influence of mood, memory, and health status on cookie theft picture description performance*. ASHA National Convention, Chicago, IL.
- Johnson, C. (2008, April). *The state of black and brown Arkansas: The challenges of racial diversity for the 21st Century*, University of Arkansas, Fayetteville, AR.
- Jones C. (2008). *Getting stapled: Injury among children resulting from industrial-type staples: A necessary convenience or preventable hazard?* 2<sup>nd</sup> Congress of the European Academy of Paediatrics, Nice, France.
- Jones, C. (2008). *Personal watercraft injuries among children before and after implementation of safety policies*. 2<sup>nd</sup> Congress of the European Academy of Paediatrics, Nice, France.
- Keeley, D., Oliver, G., & Wicke, J. (2008). *Stride phase kinematics in youth baseball pitchers and their relation to overuse injuries*. Central States Chapter of the American College of Sports Medicine: Kansas City, KS.

Keeley, D., Oliver, G., & Wicke, J. (2009). *The kinematics of arm decelerations as they relate to overuse injury in youth pitchers of various ages*. World Federation of Athletic Training and Therapy. San Antonio, TX.

Keeley, D., & Oliver, G. (2009). *Kinematic differences in youth baseball pitchers: An investigation into the cocking and acceleration phases*. American College of Sports Medicine, Seattle, Washington.

Kern, J., Calleja, P., & Hunt, S. (2008). *Small sided games*. Arkansas Association for Health, Physical Education, Recreation, and Dance conference, Little Rock, AR.

Kluess, H. (2008). *Environmental modulation of sympathetic vasoconstriction*, Central States ACSM Annual Meeting.

Kluess, H., Stone, A., & Evanson, K. (2009). *ATP released from sympathetic nerve endings in skeletal muscle arterioles*. Experimental Biology Annual Meeting, New Orleans, LA.

Kluess, H., Stone, A., Rogers, S., & Kavdia, M. (2009). *Age-related changes in fluorescent imaging of superoxide in skeletal muscle arterioles*. Experimental Biology Annual Meeting, New Orleans, LA.

Leaver-Dunn, D., Turner, L., Newman, B., & Hunt, S. (2009). *Sports' and club programs influence on alcohol use intentions and behaviors among adolescent males*. American Alliance for Health, Physical Education, Recreation and Dance, Tampa, FL.

Maranto, R. (2008, November) *Bush's brain (no, not Karl Rove): How Bush's psyche affects his decision-making*. Judging Bush Conference, Villanova University, November 22.

Maranto, R., & Milliman, S. (2008, August) *Educational renegades: Dissatisfied parents and teachers as drivers of charter school formation*. Annual American Political Science Association, Boston, MA.

McCurley, L., Muck, M., Han, G., Akins, T., & Riggs, C. (2009). *The effects of endurance exercise training on cardiac-related factors in type 2 diabetic mice*. American College of Sports Medicine Annual Meeting, Seattle, WA.

Moiseichik, M., & Helms, K. E. (2008, October). *Employees who want to volunteer: Can they?* National Recreation and Parks Association. Baltimore, MD.

Muck, M., McCurley, L., Han, G., Smith-Blair, N., & Riggs, C. (2008). *Exercise effects on the level of oxidative stress in type II diabetic mice*. Central States Chapter of the American College of Sports Medicine Annual Meeting, Kansas City, MO.

Okoli, S. K. (2009, February). *Department of intramural/recreational sports*. University of Arkansas Multicultural Center, Fayetteville, AR.

- Oliver, G., & Perkey, D. (2008). *The athletic hernia*. Arkansas Association for Health, Physical Education, Recreation and Dance, Little Rock, AR.
- Oliver, G., & Dougherty, C. (2009). *Muscle activation of the contralateral leg during an acute Achilles tendon rupture*. American College of Sports Medicine. Seattle, WA.
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- Gachovska, T., B. Du, J. Hudgins, E. Santi, and **H. A. Mantooth**, A. Agarwal, "Modeling, Simulation, and Validation of a SiC BJT," *IEEE Energy Conversion Conference and Exhibition*, accepted, Sept. 2009.
- Grekov, A., Z. Chen, E. Santi, J. Hudgins, **H. A. Mantooth**, D. Sheridan, and J. Casady, "Parameter Extraction Procedure for High Power SiC JFET," *IEEE Energy Conversion Conference and Exhibition*, accepted, Sept. 2009.
- Johnson, E., O. Saadeh, **H. A. Mantooth**, J. C. Balda, and S. S. Ang, "An Analysis of Paralleled SiC Thyristors," *IEEE 2008 Power Electronics Specialists Conference*, Rhodes, Greece, June 15-19.
- Saadeh, O., **H. A. Mantooth**, J. C. Balda, A. K. Argwal, and A. S. Kashyap, "The Modeling and Characterization of Silicon Carbide Thyristors," *IEEE 2008 Power Electronics Specialists Conference*, Rhodes, Greece, June 15-19.
- Sanathanamurthy, S., V. Ramachandran, M. L. Alles, R. A. Reed, L. W. Massengill, A. Raman, M. Turowski, **H. A. Mantooth**, B. Woods, M. Barlow, K. Moen, M. Bellini, A. Sutton and J. D. Cressler, "Simulation of SRAM SEU Sensitivity at Reduced Operating Temperatures," *GOMAC 2009*, accepted.



Ulaganathan, C., N. Nambiar, B. Prothro, R. Greenwell, S. Chen, B. J. Blalock, C. L. Britton, M. N. Ericson, H. Hoang, R. Broughton, K. Cornett, G. Fu, **H. A. Mantooth**, J. D. Cressler, and R. W. Berger, "A SiGe BiCMOS instrumentation channel for extreme environment applications," *Proceedings of 51<sup>st</sup> Midwest Symposium on Circuit and Systems*, pp. 217-220, Aug. 2008.

Wilson, P. R., **H. A. Mantooth**, E. Santi, and J. L. Hudgins, "Model creation for all-electric ship (AES) power systems," *2008 Grand Challenges in Modeling and Simulation*, 7 pgs., June 2008.

Kashyap, A. S., M. Mudholkar, **H. A. Mantooth**, T. Vo, and M. Mojarradi, "Cryogenic Characterization of Lateral DMOS Transistors for Lunar Applications," *IEEE Aerospace Conference*, 7-14 March 2009.

Li, W., Y. Feng, P. R. Wilson, **H.A. Mantooth**, E. Santi, and J. L. Hudgins, "Certify: A parameter extraction tool for power semiconductor device models," *2008 Grand Challenges in Modeling and Simulation*, 7 pgs. June 2008.

Berger, R. W., R. Garbos, J. D. Cressler, M. M. Mojarradi, L. Peltz, B. Blalock, W. Johnson, G. Niu, F. Dai, **H. A. Mantooth**, J. Holmes, M. Alles, and P. McClusky, "A miniaturized data acquisition system for extreme temperature environments in space," *Proc. IEEE Aerospace Conference 2008*, 9 pgs., March 2008, Big Sky, MT.

**Mantooth, H. A.**, O. Saadeh, E. Johnson, J. C. Balda, S. S. Ang, A. Lostetter, and R. M. Schupbach, "Solid State Fault Current Limiters: Silicon vs. Silicon Carbide," *IEEE Power and Energy Society General Meeting*, Chicago (IL), July 20-24, 2008.

**Mantooth, H. A.**, O. Saadeh, E. Johnson, J. C. Balda, S. S. Ang, A. B. Lostetter, and R. M. Schupbach, "Solid-state fault current limiters: silicon vs. silicon carbide," *IEEE Power Engineering Society General Meeting – Conversion and Energy Delivery in the 21<sup>st</sup> Century*, Pittsburgh, PA, pp. 1-5, July 2008.

**Mason, S.J.**, R.D. Meller, and E.A. Pohl. "Dynamic Routing for Time-Varying Rural Transportation Networks." Mack Blackwell Transportation Center, June 2008.

**Mason, S.J.**, R.D., Meller, and J.A. Ferguson. "Sam's Club CELDi Project 07-08: Improved Retail Logistics through an Examination of Merchandise Flow and Space Planning." Sam's Club, May 2008.

**Mason, S.J.**, L.M. Thomas, R.D. Meller, S.E. Root, and J.A. Pazour. "RS08-01: CIHL Survey of Hospital Pharmacy Directors – Final Results on the Current State of the Unit Dose and Bedside Barcode-Enabled Dispensing Practice." Center for Innovation in Healthcare Logistics (CIHL), December 2008.

**Matlock, M. E.** Cummings, K. Kruger, and S. Foster. 2008. An Ecological and Geomorphic Assessment of Urban Streams in Fayetteville, Arkansas, 2004-2007. CARS Report 08-06A.

**Matlock, M.** Invited Keynote Speaker: Arkansas Parks and Recreation Association. Jan 20, 2008, Eureka Springs, AR.

**Matlock, M.** Invited Presenter: AWRC Conference, April 22-23, 2008. Fayetteville, AR.

**Matlock, M.** Invited Keynote Speaker: Ripple Effect Conference. May 7, 2008. Springfield, MO.

**Matlock, M.** Invited Workshop Presenter: Ecological Engineering 101, at 8th Annual International Meeting of the American Ecological Engineering Society, June 10-13, 2008, Blacksburg, VA.

**Matlock, M.** Invited Keynote Speaker: 8th Annual International Meeting of the American Ecological Engineering Society, June 10-13, 2008, Blacksburg, VA.

**McCann, R.**, and Anh Le, “Gain scheduling control in commercial vehicles with electrohydraulic power steering,” *SAE Advancements in Steering Systems; Braking Systems; and Advanced Chassis Control*, COMVEC Chicago, October 2008.

**McCann, R.**, Anh Le, and W. Traoré, “Lebesgue sampling with a Kalman filter in wireless sensors for smart appliance networks,” *Proceedings of IEEE Industry Applications Annual Meeting*, Edmonton, October 2008.

**McCann, R.**, Anh Le, and W. Traoré, “Stochastic sliding mode arbitration for energy management in smart building systems,” *Proceedings of IEEE Industry Applications Annual Meeting*, Edmonton, October 2008.

**McCann, R.**, Anh Le, and W. Traoré, “Model predictive control for time-delay compensation of a switched reluctance motor drive in smart building applications,” *Proceedings of IEEE Industry Applications Annual Meeting*, Edmonton, October 2008.

**McCann, R.**, and W. Traoré, “Investigation of direct flux measurements in switched reluctance motors,” *Proceedings of IEEE Power Engineering Society General Meeting*, Pittsburgh, July 2008.

**McCann, R.**, and W. Traoré, “Torque estimation for a switched reluctance motor using direct flux measurements,” *IASTED Power and Energy Systems 2008*, Baltimore, April 2008.

**Meller, R.D.**, J.A. Pazour, L.M. Thomas, S.J. Mason, S.E. Root, and W.W. Churchill. “RS08-04: White Paper on Hospital Pharmacy Unit-Dose Acquisition and the Case for the Third-Party Repackaging Option.” Center for Innovation in Healthcare Logistics (CIHL), December 2008.

Hardgrave, B., **R. Meller**, and N. Buyurgan. “RFID for Improved Cold Chain Control.” *Institute of Industrial Engineers (IIE) Annual Conference*, Vancouver, British Columbia, Canada, May 2008.

Thomas, L.M., **R.D. Meller**, J.A. Pazour, S.J. Mason, and S.E. Root. "RS08-03: Tutorial for a Tool to Support the Best Selection of Technology for Unit-Dose Packaging." Center for Innovation in Healthcare Logistics (CIHL), December 2008.

Bartholdi, J.J., K.R. Gue, **R.D. Meller**, and J.S. Usher. "Foreword to Special Issue on Facility Logistics." *IIE Transactions on Design and Manufacturing*, November 2008.

**Meller, R.D.**, and J.A. Pazour. "Picking Machine Systems and Their Competitive Position." Carousel/VLM Working Group, AS/RS Product Section, Material Handling Industry of America (MHIA), Sept. 2008.

**Meller, R.D.**, and K.R. Gue. "A Model to Design a National High-Speed Network for Freight Distribution." Mack Blackwell Transportation Center (MBTC), July 2008.

**Meller, R.D.**, and J. A. Pazour. "An Analytical Model for Assignment and Allocation in an A-Frame System." *Proceedings of the 2008 International Material Handling Research Colloquium*, Dortmund, Germany, May 2008.

Gue, K.R., G. Ivanovic, and **R.D. Meller**. "Improving a Unit-Load Warehouse that has Multiple Pickup & Deposit Points." *Proceedings of the 2008 International Material Handling Research Colloquium*, Dortmund, Germany, May 2008.

Ellis, K.P., **R.D. Meller**, J.H. Wilck IV, P.J. Parikh, and F. Marchand. "Effective Material Flow for Assembly Operations." *Proceedings of the 2008 International Material Handling Research Colloquium*, Dortmund, Germany, May 2008.

**Nachtmann, H.**, and E.A. Pohl. "The State of Healthcare Logistics." Supply Chain Strategies & Solutions published by AHRMM, November/December 2008.

Kishore, Ram, Renu Sharma, S. Hata, N. Kuwano, Y. Tomokiyo, **Hameed A. Naseem** and William D. Brown, "In-Situ Transmission Electron Microscopy Investigation of Aluminum Induced Crystallization of Amorphous Silicon," for the *Proc. of the 2008 MRS Spring Meeting & Exhibit*, Paper#1066-A15-05, 2008.

Konduri, S., **B. Panda**, and W.N. Li, "Analyzing Information Leakage through Database Queries", In Proceedings of the 5<sup>th</sup> International Conference on Information Technology in Education and Training (IT@EDU2008) Ho Chi Minh City and Vung Tau, Viet Nam, 15-17 December 2008

**Penney, W.R.**, K.J. Brown, J.D. Vincent and E.C. Clausen. "Solar Flux and Absorptivity Measurements: A Design Experiment in Undergraduate Heat Transfer." Paper presented at the 2008 American Society of Engineering Education Midwest Section Annual Conference, Tulsa, OK (September 2008).

**Pohl, E.** "Spring Forward." PHALANX, Bulletin of Military Operations Research, Volume 41, No. 1, ISSN 0195-1920, pg. 4, March 2008.

**Rardin, R.** “Comments on: Intensity Modulated Radiation Therapy Treatment Plan Optimization.” TOP (online journal), Vol. 16, 251-252, November 2008.

Coffman, J., Terdalkar, S., **Rencis, J.J.** and Brown, A.O., "Introducing Fatigue Analysis into a Finite Element Course," *Proceedings of the 43<sup>rd</sup> American Society for Engineering Education (ASEE) Midwest Section Meeting*, The University of Tulsa, Tulsa, OK, September 17-19, 2008.

Pazour, J.A., **S.E. Root**, R.D. Meller, S.J. Mason, and L.M. Thomas. “RS08-02: An Optimization Model for Selecting and Allocating Repackaging Technology for Unit-Dose Medications in Hospital Pharmacies.” Center for Innovation in Healthcare Logistics (CIHL), December 2008.

**Root, S.**, R. Sturdivant, and F. Wattenberg. Judges Commentary. *The UMAP Journal: The Journal of Undergraduate Mathematics and Its Applications*.” Summer 2008.

**Rossetti, M.D.**, and N. Buyurgan. “Inventory Archives.” *Industrial Engineer*, June 2008.

English, J.R., L. Yu, **M.D. Rossetti**, and N. Buyurgan. “A Statistical Process Control Approach to Monitoring Inventory Accuracy.” *Proceedings of the 10<sup>th</sup> International Material Handling Colloquium*, June 2008.

Xiong, Y., **C. Ruan**, H. Huang, M. Li, and Y. Li. 2008. Nano-immunomagnetic separation for *Listeria monocytogenes*. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Poster No. P4-23.

**R.P. Selvam**, S. Sarkar, M. Sarkar and J. Johnston (2008), Multiphase flow 3D modeling of spray cooling, ONR Thermal Management Review, Sonoma County, CA, Oct. 21-23

J.C. Balda, and **R.P. Selvam**, Spray-Cooled SiC power modules for high temperature and high voltage operation, ONR Thermal Management Review, Sonoma County, CA, Oct. 21-23

**Smith, S. C.**, W. K. Al-Assadi, and J. Di, organized and presented a workshop at UA to 9 university faculty from across the country on “Asynchronous Logic Design,” as part of our dissemination efforts for our *NSF CCLI Phase II grant*, August 1-3, 2008.

**Smith, S. C.**, W. K. Al-Assadi, and J. Di, “Introduction to Asynchronous Circuits and NULL Convention Logic,” *World Congress in Computer Science, Computer Engineering, and Applied Computing*, tutorial, July 15, 2008.

Dugganapally, I. P., W. K. Al-Assadi, V. Pillai, and **S. C. Smith**, “Design and Implementation of FPGA Configuration Logic Block Using Asynchronous Semi-Static NCL Circuits,” *IEEE Region 5 Technical Conference*, April 2008.

Bailey, A., J. Di, **S. C. Smith**, and H. A. Mantooth, “Ultra-Low Power Delay-Insensitive Circuit Design,” *IEEE Midwest Symposium on Circuits and Systems*, August 2008.

Dugganapally, I. P., W. K. Al-Assadi, T. Tammina, and **S. C. Smith**, “Design and Implementation of FPGA Configuration Logic Block Using Asynchronous StaticNCL,” *IEEE Region 5 Technical Conference*, April 2008.

Hollosi, B., T. Zhang, R. S. P. Nair, Y. Xie, J. Di, and **S. C. Smith**, “Investigation and Comparison of Thermal Distribution in Synchronous and Asynchronous 3D ICs,” accepted for publication in the *IEEE International Conference on 3D System Integration*.

Hollosi, B., M. Barlow, G. Fu, C. Lee, J. Di, **S. C. Smith**, H. A. Mantooth, and M. Schupbach, “Delay-Insensitive Asynchronous ALU for Cryogenic Temperature Environments,” *IEEE Midwest Symposium on Circuits and Systems*, August 2008.

**Soerens, Thomas**, “The University of Arkansas Global Community Development Program: An International Service Learning Program in Belize”, International Service Learning Conference, Orem, Utah, October, 2008.

**Stoner, R.J.** and B.E. Haggard. 2008. Long-term variation in sediment phosphorus below a rural effluent discharge. Annual Conference Arkansas Water Resources Center, Fayetteville, Arkansas.

Vories, E., **P. Tacker**, D. Stephenson, S. G. Bajwa, and C. Perry. 2008. Performance of a variable rate center pivot system. World Environmental and Water Resources Congress 2008, Ahupua'a: Sustainability from the Mountains to the Sea. 12-13 May 2008, Honolulu, Hawaii.

**Tung, S.**, R. Pooran, and J.-W. Kim. 2008. “Controlling the Rotational Behavior of Bacterial Flagellar Motors,” in Proceedings of IEEE International Conference on Information and Automation (IEEE-ICIA), Hunan, China.

**Tung, S.** and J.-W. Kim. 2009. “Nanoscale Bio/Abio Interfacing,” in *Proceedings of IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS)*, Shenzhen, China

**Tung, S.** R. Pooran, and J.-W. Kim. 2008. “Controlling the Rotational Behavior of Bacterial Flagellar Motors,” IEEE International Conference on Information and Automation (IEEE-ICIA), Hunan, China (invited)

**Tung, S.** and J.-W. Kim. 2009. “Nanoscale Bio/Abio Interfacing,” in IEEE International Conference on Nano/Micro Engineered and Molecular Systems (IEEE-NEMS), Shenzhen, China (invited).

Srinivasan, B., B. Mabbott, **S. Tung** and Y. Li. 2008. Simulation of a microfluidic impedance biosensor for detection of E. coli O157:H7. IEEE-NANOMED 2008, November 6-9, Suzhou, China.

**Uppugundla, N.,** S.V. Ravindranath, D.J Carrier, J.O. Lay, J.A. Gidden and E.C. Clausen. "Water Extracts from Switchgrass as a Value-added Stream." Paper presented at the 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (May 2008).

**Uppugundla N,** A. Engelberth, S. Vandhana Ravindranath, J. Lay, J. Gidden, E. Clausen and DJ Carrier. 2008. "Extraction of co-products from biomass using pressurized hot-water." 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

**Varadan, Vasundara V.,** Zhongyang Sheng , Fred Barlow, and Kuldeep Saxena, Invited Paper, "Fabrication of Metamaterials using LTCC Techniques and their Experimental Characterization in the 5-110 GHz Frequency Range," *URSI General Assembly*, Chicago, August 11-15, 2008.

**Varadan, Vasundara V.,** and Ruyen Ro, "Measurement of Negative Refractive Index and Design Paradigms," *Metamaterials 2008*, Pamplona, Spain, September 22-26, 2008.

**Varadan, Vasundara V.,** and Liming Ji, "Accounting for Power 'Loss' in Metamaterials," *Metamaterials 2008*, Pamplona, Spain, September 22-26, 2008.

**Varadan, Vasundara V.,** and In Kwang Kim, "Compact, Multi Band Plasmonic Resonator Antenna," Paper # 1118, *IEEE AP/URSI 2009*.

**Varadan, Vasundara V.,** and In Kwang Kim, "Comparison of Local and Non-Local Homogenization Methods for Metamaterials as a Function of Frequency Using Experimental Data," Paper # 2136, *IEEE AP/URSI 2009*.

**Varadan, Vasundara V.,** and Liming Ji, "Does a Negative Refractive Index Always Result in Negative Refraction? – Effect of Loss," Paper # 1724, *IMS2009*.

Kim, In Kwang, and **Vasundara V. Varadan,** "Microstrip Patch Antenna on LTCC Metamaterial Substrates in Millimeter Wave Bands", *IEEE Antennas & Propagation Society International Conference*, San Diego, July 5-11, 2008.

Kim, In Kwang, and **Vasundara V. Varadan,** "Effect of Capacitive Coupling between Split-Ring Resonators", *IEEE Antennas & Propagation Society International Conference*, San Diego, July 5-11, 2008.

Said, Tarek, and **Vasundara Varadan,** "Variation of Cole-Cole Model Parameters with the Complex Permittivity of Biological Tissues," accepted for publication, Paper # 1032, *IMS2009*.

Duan L, **S. Wallace,** D.J. Carrier and E. Clausen. 2008." Extraction of co-products from biomass using pressurized hot-water." 30<sup>th</sup> Symposium on Biotechnology for Fuels and Chemicals, New Orleans, LA (poster)

**Wallace, S.N.,** D.J. Carrier, J.O. Lay, W.R. Penney and E.C. Clausen. “Characterization and Minimization of Degradation Products During Subcritical Water Extraction of Flavonolignans from the Fruits of *Silybum marianum*.” Paper presented at IFT 08, the Institute of Food Technologists Annual Meeting and Food Expo, New Orleans, LA (June 2008).

Jiang, X., **R. Wang,** Z. Ye, J. Wang, Y. Li, and Y. Ying. 2008. Microfluidic chips based impedance biosensor coupled with ferrofluids-antibody conjugates for detection of parathion. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084763.

**Wang, R.,** D. Kanayeva, K. Lassiter, J. Lin and Y. Li. 2008. Sensitive detection of *Listeria monocytogenes* using a TiO<sub>2</sub> nanowire bundle microelectrode based immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084514.

Jiang, X., **R. Wang,** Z. Ye, J. Wang, Y. Li, and Y. Ying. 2008. Microfluidic chips based impedance biosensor coupled with ferrofluids-antibody conjugates for detection of parathion. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084763.

Kanayeva, D., **R. Wang,** L. Cooney, W. Dong, R. Tian, and Y. Li. 2008. Sensitive detection of *Listeria monocytogenes* using an impedance immunosensor combined with semiconductive nanowire bundle. Presented at IAFP 2008 Annual Meeting, August 2-6, 2008, Columbus, OH. Poster No. P4-24.

**Wang, R.** Y. Wang, K. Lassiter, and Y. Li. 2008. Interdigitated array microelectrode based impedance immunosensor for detection of avian influenza virus H5N1. Poster P1.91 presented at the 10th World Congress for Biosensors, May 14-16, 2008, Shanghai, China.

**Wang, R.,** D. Kanayeva, K. Lassiter, J. Lin and Y. Li. 2008. Sensitive detection of *Listeria monocytogenes* using a TiO<sub>2</sub> nanowire bundle microelectrode based immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084514.

**Wang Y.,** R. Wang, and Y. Li. 2008. Detection of *Escherichia coli* O157:H7 using interdigitated array microelectrode based impedance immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084608.

**Wang Y.,** R. Wang, and Y. Li. 2008. Detection of *Escherichia coli* O157:H7 using interdigitated array microelectrode based impedance immunosensor. Presented at ASABE 2008 Annual Meeting, June 29- July 2, 2008, Providence, RI. ASABE Paper No. 084608.

**Wang, Y.,** R. Wang and Y. Li. 2008. An optimized interdigitated array microelectrode based immunosensor for detection of avian influenza viruses. A poster presented at IBE 2008 annual meeting, March 6-9, 2008, Chapel Hill, NC. The winner for the first place of the Graduate Student Poster Competition.

**Wu, Jingxian**, “Connectivity analysis of a high speed mobile vehicular network with dynamic node population,” in *Proc. IEEE Workshop Automotive Network Autonet’08*, Dec. 2008.

**Wu, Jingxian**, “Proportionally sampled multicarrier communication,” in *Proc. IEEE Intern. Conf. Commun. ICC’08*, pp. 4845-4849, May 2008.

**Wu, Jingxian**, “Oversampled Orthogonal Frequency Division Multiplexing in doubly selective fading,” in *Proc. IEEE Wireless Commun. Network Conf. WCNC’08*, pp. 177-181, Mar. 2008.

**Wu, Jingxian**, “An achievable rate region for cooperative multiple access channel,” submitted to *IEEE Intern. Conf. Commun. ICC’09*, Sept. 2008.

**Wu, Jingxian**, “Soft-decode-and-forward for asynchronous wireless network with doubly-selective fading,” submitted to *IEEE Intern. Conf. Commun. ICC’09*, Sept. 2008.

Wang, Shumin, Song-Nan Wu, Ding Ding, Xinyu Liu, Xiao-Bo Zhang, Shane R. Johnson, **Shui-Qing Yu**, Jacek K. Furdyna, David J. Smith, and Yong-Hang Zhang, “Multijunction solar cells using monolithically-integrated and lattice-matched II/VI and III/V materials,” *23rd EU PVSEC*, 1AO4.1 (Sep, 2008).

Wang, Shumin, Song-Nan Wu, Ding Ding, Xinyu Liu, Xiao-Bo Zhang, Shane R. Johnson, **Shui-Qing Yu**, Jacek K. Furdyna, David J. Smith, and Yong-Hang Zhang, “Multijunction solar cells using monolithically-integrated and lattice-matched II/VI and III/V materials,” *23rd EU PVSEC*, 1AO4.1 (Sep, 2008).

Ding, D., S.-N. Wu, S. Wang, S. R. Johnson, **S.-Q. Yu**, X. Liu, J. K. Furdyna, and Y.-H. Zhang, “Multi-junction Solar Cells Based on the Integration of II/VI and III/V Semiconductors,” *IEEE LEOS Annual Meeting* (2008).

Sweeney, S. J., K. Hild, I. P. Marko, **S.-Q. Yu**, S. R. Johnson and Y.-H. Zhang, “Thermal Characteristics of 1.3um GaAsSb/GaAs-based Edge- and Surface-Emitting Lasers,” *21st IEEE International Semiconductor Laser Conference*, P5, Sorrento, Italy (Sep 2008).

Zhang, Y.-H., **S.-Q. Yu**, S. R. Johnson, D. Ding, S.-N. Wu, “Monolithically Integrated Multijunction Solar Cells Using II/VI and III/V Materials Lattice Matched to GaSb or InAs Substrates,” *33rd IEEE Photovoltaic Specialists Conference* (San Diego), 2008.

### **INVITED LECTURES:**

**Andrews, D.**, Hardware Microkernels for Heterogeneous Manycore Systems: Invited talk at Microsoft Research Lab, Cambridge England June 24, 2009

**Andrews, D.**, Increasing Design Productivity for Next Generation Platform FPGA’s, *IEEE International Conference on Field-Programmable Technology (FPT)* Taipei, Taiwan December 2008



**Andrews, D.**, Modeling Abstractions for Next-Generation Reconfigurable Computing, International Conference on Engineering of Reconfigurable Systems and Algorithms (ERSA) July 2008.

**Ang, Simon**, “City and Guilds of London Institute Qualifications on Aeronautical Technology and Engineering,” Invited Speaker at the *First International Forum on Aviation Vocational Education*, September 27-29, 2008, Xi’an, China. Participants were from USA, United Kingdom, New Zealand, Germany, Singapore, and China.

**Ang, S. S.**, T. Tao, B. Rowden, O. S. Saadeh, E. Johnson, J C Balda, and A. Mantooth, “Packaging and Characterization of Silicon Carbide Thyristor Power Module,” submitted to *2009 IEEE 6<sup>th</sup> International Power Electronics and Motion Control Conference*, ECCE Asia, May 17-20, 2009 Wuhan, China.

**Apon, A.**, “Arkansas Cyberinfrastructure” at the ALAR Conference, Conway, Arkansas, March 2009

**Apon, A.**, “The Arkansas Cyberinfrastructure Strategic Plan” at the Great Plains Network Annual Meeting, Kansas City, Missouri, May, 2009

**Brown, William D.**, Hameed A. Naseem, Li Cai, Min Zou, Marwan Barghouti, Maruf Hossain, Khalil Sharif, Husam H. Abu-Safe, Ram Kishore, Adnan Al-Shariah, and Hengyu Wang, “Large Grain Polycrystalline and Epitaxial Silicon Films Formed at Low Temperatures for Solar Cells,” presented at the San Francisco Section Meeting, *The Electrochemical Society*, January 24, 2008. (INVITED)

**Brown, William D.**, Hameed A. Naseem, Li Cai, Min zou, Marwan Barghouti, Maruf Hossain, Khalil Sharif, Husam H. Abu-Safe, Ram Kishore, Adnan Al-shariah, and Hengyu Wang, “Large Grain Polycrystalline and Epitaxial Silicon Films Formed at Low Temperatures for Solar Cells,” presented at *Solid State Technology and Devices Seminar*, The University of California at Berkeley, January 25, 2008. (INVITED)

**Buyurgan, N.**, R.D. Meller, and B. Hardgrave. “RFID for Improved Cold Chain Control.” *Industrial Engineering Research Conference*, Vancouver, British Columbia, CA, May 2008.

**Cassady, C.R.** “Research Topics in Scheduled Maintenance of Repairable Systems.” The International Applied Reliability Symposium, Reno, NV, June 2008.

Yu, P., J.J. Song, and **C.R. Cassady**. “Bayesian Reliability and Maintainability Parameter Estimation for a Repairable System under Imperfect Maintenance.” *Proceedings of the Annual Reliability and Maintainability Symposium*, Las Vegas, Nevada, January 2008.

**Cassady, C.R.**, and L.M. Maillart. “Introduction to Repairable Systems Modeling.” Tutorial Notes of the 2008 Annual Reliability and Maintainability Symposium, Las Vegas, Nevada, January 2008.

Xiang, Y., **C.R. Cassady**, and L.M. Maillart. "A Production System with Random Yield and Equipment Deterioration: Single Period." *IIE Annual Conference and Exhibition 2008 Proceedings*, Vancouver, British Columbia, Canada, May 2008.

**Edwards, F.** & S. Zhou, Evaluation of Stormwater BMPs Effectiveness, , National Hydraulic Engineering Conference – Federal Highway Administration, Portland, Maine, August 26-29, 2008.

**El-Ghazaly, S.**, "Miniaturized RF Components;" Invited Talk, *Recent Advances in Microwave Theory and Applications Conf*, Jaipur, India, Nov. 21-24, 2008.

El Sabbagh, M., and **S. El-Ghazaly**, "Nanotechnology-Based RF Front End Components" Invited Keynote Talk, *2008 Mediterranean Microwave Conference*, Damascus, Syria, October 2008.

**El-Shenawee, M.**, "Computational Electromagnetics for Inverse Scattering and Imaging Applications," invited to present to the faculty at the *University of Bourgogne*, Dijon, France, July 2008. (*invited & fully supported by UTT*).

**El-Shenawee, M.**, "Breast Cancer Imaging Research at the University of Arkansas," *2008 International Research Engineering Education (IREE) Conference*, Hyatt Regency Dulles Hotel, Washington, D.C May 2 -4, 2008. (*invited & fully supported by the Conference*).

**Gattis, J. L.** "Detailed Study of Driveway Collision Patterns in an Urban Area." 87th Annual Meeting of the Transportation Research Board, Washington, D.C., January 16, 2008.

**Gattis, J. L.** "Safety Effects of Access Design Decisions." Institute of Transportation Engineers Technical Conference, Miami, Florida, March 31, 2008.

**Grimmelsman, Kirk**, "Applications of Structural Identification for Bridges," ASCE Structures Congress, Vancouver, BC, April 26, 2008.

Ruiz, E., Do, N., Staton, B., Floyd, R., and **Hale, W.**, "Transfer and Development Lengths of Prestressed Beams Cast with Ultra-High Performance Concrete", FHWA National Bridge Conference, Orlando, FL, October 4-7, 2008.

Ward, D., Floyd, R., **Hale, W.**, and Grimmelsman, K., "Performance of Precast/Prestressed Double-Tees Cast with Lightweight SCC", PCI Annual Convention, October 4-7, 2008.

Floyd, R., Ruiz, E., Do, N., Staton, B., and **Hale, W.**, "Development Lengths of High Strength SCC Beams", FHWA National Bridge Conference, Orlando, FL, October 4-7, 2008.

Ward, D., Sobin, N. and **Hale, W.**, "A Test Method to Measure Bond Strength of Prestressing Strands", Concrete: Construction's Sustainable Option, Dundee, Scotland, 2008

Ward, D., Floyd, R., **Hale, W.** and Grimmelsman, K., “Performance of Precast/Prestressed Double-Tees Cast with Lightweight SCC,” PCI Annual Convention, 2008, Paper No. 8, pp. 1-19.

Ward, D., Do, N., Staton, B., and **Hale, W.**, “Mixture Proportioning of High Strength Self-Consolidating Concrete”, Concrete: Construction’s Sustainable Option, Dundee, Scotland, 2008

**Hall, Kevin D.**, “MEPDG Implementation: Arkansas”, Annual Meeting of the Transportation Research Board, Washington, D.C., January 2008.

**Hall, Kevin D.**, “Design vs. Construction: Impacts on Pavement Performance”, 2008 Quality Asphalt Pavement Conference, Arkansas Asphalt Pavement Association, Little Rock, Arkansas, January, 2008.

**Hall, Kevin D.**, “Pavement Profiler Certification Update”, 2008 Quality Asphalt Pavement Conference, Arkansas Asphalt Pavement Association, Little Rock, Arkansas, January, 2008.

**Hall, Kevin D.**, “Asphalt Education: How Can You Help?”, 2008 Annual Convention of the Arkansas Asphalt Pavement Association, Hot Springs, Arkansas, March 2008.

**Hall, Kevin D.**, “Bond Strength Between Paving Layers”, 2008 Annual Convention of the Arkansas Asphalt Pavement Association, Hot Springs, Arkansas, March 2008.

**Hall, Kevin D.**, “Upcoming Specification Changes”, 2008 Annual Convention of the Arkansas Asphalt Pavement Association, Hot Springs, Arkansas, March 2008.

**Hall, Kevin D.**, “Civil Engineering Program Update”, Arkansas Academy of Civil Engineers, Fayetteville, Arkansas, April, 2008.

**Hall, Kevin D.**, “Development of an Implementation Plan for Mix Design and QA/QC for the Superpave Gyratory Compactor”, Spring Meeting of the Arkansas State Highway and Transportation Department Transportation Research Committee, Little Rock, AR, May, 2008.

**Hall, Kevin D.**, “Development of a Master Plan for Calibration and Implementation of the M-E Design Guide”, Spring Meeting of the Arkansas State Highway and Transportation Department Transportation Research Committee, Little Rock, AR, May, 2008.

**Hall, Kevin D.**, “Arkansas’ Perspective on the MEPDG”, Southeastern States Pavement Management and Design Conference, Little Rock, AR, June 2008.

**Hall, Kevin D.**, “MEPDG Calibration in Arkansas”, Southeastern States Pavement Management and Design Conference, Little Rock, AR, June 2008.

**Hall, Kevin D.**, “Implementing ABET’s Basic Level Civil Engineering Program Criteria: Prepping the Self-Study at the University of Arkansas”, 2008 Annual Meeting of the American Society for Engineering Education, Pittsburg, PA, June 2008.

**Hall, Kevin D.**, “Garbage In...Garbage Out: Design Inputs for the MEPDG”, Pavement Engineering Conference, American Concrete Pavement Association, Little Rock, AR, August 2008.

**Hall, Kevin D.**, “Internal Angle of Gyration for the Superpave Gyratory Compactor IX: The End of an Era”, FHWA Expert Task Group for Hot-Mix Asphalt Mixtures and Construction, Reno, NV, September 2008.

**Hall, Kevin D.**, “Civil Engineering Update”, Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center, Fayetteville, Arkansas, November, 2008.

**Hall, Kevin D.**, “MEPDG Implementation in Arkansas”, Annual Meeting of the Southeastern Asphalt User-Producer Group, Birmingham, AL, November, 2008.

**Hall, Kevin D.**, “SEAUPG Training and Certification Task Group”, Annual Meeting of the Southeastern Asphalt User-Producer Group, Birmingham, AL, November 2008.

**Hall, Kevin D.**, “Evaluation of Bond Strength Between Paving Layers for Hot-Mix Asphalt”, Fall Meeting of the Arkansas State Highway and Transportation Department Transportation Research Committee, Little Rock, AR, November, 2008.

**Hall, Kevin D.**, “PCC Materials Inputs for the Mechanistic-Empirical Pavement Design Guide”, Fall Meeting of the Arkansas State Highway and Transportation Department Transportation Research Committee, Little Rock, AR, November, 2008.

**Hall, Kevin D.**, “Update: Arkansas Good Roads Transportation Council Advisory Committee”, Arkansas Good Roads Transportation Council Annual Membership Meeting, Little Rock, AR, December 2008.

**Hall, Kevin D.** and Stacy G. Williams, “Precision of Non-Destructive Test Methods for Field Density of Asphalt Pavements”, 10<sup>th</sup> International Conference on Applications of Advanced Technologies in Transportation, Athens, Greece, May 30, 2008.

**Hall, Kevin D.** and Mainey James, “Coefficient of Thermal Expansion of Portland Cement Concrete”, 10<sup>th</sup> International Conference on Applications of Advanced Technologies in Transportation, Athens, Greece, May 28, 2008.

**Havens, Jerry.** “Fire Performance of LNG Carrier Containment Systems.” Department of Chemical Engineering, University of Arkansas, Fayetteville, AR (February 2008).

**Hestekin, Christa.** “Microchannel Electrophoresis for Biological Applications.” Analytical Chemistry Seminar, Department of Chemistry, University of Arkansas, Fayetteville, AR (March 28, 2008).

**Hestekin, Christa.** “Microchannel Electrophoresis for Biological Applications.” Department of Chemical Engineering, Mississippi State University, Starkville, MS (November 2008).

**Heymsfield, E.**, Hale, W.M., and Halsey, T.L., “Optimizing Low Density Concrete Behavior for Soft Ground Arrestor Systems,” 2008 ASCE T&DI Pavement Conference, Bellevue, Washington, 2008

**Heymsfield, E.** and T.L. Halsey, T.L., “Sensitivity Analysis of Engineered Material Arrestor Systems to Aircraft and Arrestor Material Characteristics,” Transportation Research Board, Washington, DC, 2008

**Huang, P-H.A.**, “Photo Structurable Glass Ceramics Enabled Micro-Fluidic Thruster Systems for Pico/Nano-satellites,” *Stevens Institute of Technology*, Hoboken, NJ, September 24, 2008, Invited Seminar.

**Huang, P-H.A.**, “Photo Structurable Glass Ceramics Enabled Micro-Fluidic Thruster Systems for Pico/Nano-satellites....and other small things,” *Marshall University*, Huntington, WV, March 24, 2008, Invited Seminar.

**King, Jerry.** “Greening Biomass/Bioenergy Conversion Processes Using Analytical Instrumentation.” Pitttcon – 2008 (March 2-7, 2008).

**King, Jerry.** “Optimizing Critical Fluid-Based Processing for the Extraction and Reaction of Natural Antioxidants from Food and Agricultural Products.” CSIC, Madrid, Spain (April 2008).

**King, Jerry.** “A Pressurized Fluids Technology Platform for the Extraction and Catalytic Conversion Conversion of Natural Biorenewable Resources.” Department of Chemistry, Uppsala University, Uppsala, Sweden (April, 28, 2008).

**King, Jerry.** “Esterification: Chemistry and Processing.” 9<sup>th</sup> Biodiesel Short Course, Seattle, WA (May 17, 2008).

**King, Jerry.** “Hot Pressurized Water for the Processing of Agricultural and Forestry Products to Value-Added Products and Renewable Biofuels.” University of Alberta, Edmonton, Canada (May 22, 2008).

**King, Jerry.** “Molecular-Based Design and Optimization if Sub-Critical Water Processing of Grapes/By-Products.” USDA/CSREES, National Research Initiative 71.1, Improving Food Quality and Value, Project Directors’ Meeting, New Orleans, LA (June 27-28, 2008).

**King, Jerry.** “Sustainable Processing Using Critical Fluids – Biorenewables and Biofuels.” IP Renewable Bioresources and Biorefineries, Graz, Austria (July 10, 2008).

**King, Jerry.** “Utilization of the Compressed Carbon Dioxide – Water System in Designing Green Extraction and Biomass Conversion Processes.” 64<sup>th</sup> Southwest Regional Meeting – ACS, Little Rock, AR (October 1, 2008).

**King, Jerry.** “The Mariwala Lecture – Development of Multiple Unit-Fluid Processes Using Critical Fluids.” Department of Chemical Engineering, UICT-Mumbai, Mumbai, India (December, 2008).

**King, Jerry.** “Sustainable Green Processing Using Critical Fluids.” Department of Chemical Engineering, UICT-Mumbai, Mumbai, India (December, 2008).

**Malshe, A.P.,** “Superconducting MCM Packaging: Materials and Processes,” *ONR Meeting*, San Diego, CA, January 2008.

**Malshe, A.P.,** “MEMS and Packaging and Nano Systems,” *Institute for Micro Manufacturing (IfM)*, Louisiana State University, Baton Rouge, LA, June 2008.

**Malshe, A.P.,** “Nanomanufacturing: Materials, Processes and Systems,” Micro Systems Distinguished Lecture, *Rochester Institute of Technology*, Rochester, NY, May 2008.

**Malshe, A.P.,** “Nanoparticles Based Advanced Lubrication,” Special Session on Nanotribology, *2008 Society for Tribology and Lubrication (STLE) Annual Meeting*, Cleveland, OH, May 2008.

**Malshe, A.P.,** “Nanomanufacturing of Advanced Materials and Related Manufacturing Processes,” *GE Global*, Bangalore, India, July 2008.

**Malshe, A.P.,** “Laser Assisted Bonding for Packaging of MEMS Devices,” *STC-E Session II*, Manchester, England, August 2008.

**Malshe, A.P.,** Demydov, D. and Verma, A., “Nanoparticles Based Lubricants for Energy Efficiency,” *Caterpillar*, Peoria, IL, September 2008.

**Malshe, A.P.,** “Smart Tools for Machining,” *Indo-US Workshop*, Coimbatore, India, December 2008.

**Mantooth, H. A.** “Circuit Designers are Republicans and Modelers are Democrats: Where’s the Middle Ground?” *IEEE Behavioral Modeling and Simulation Workshop (BMAS)*, Keynote Address, Sept. 2008.

**Meller, R.D.,** and K.R. Gue. “New Aisle Designs for Unit-Load Warehouses.” L.L. Bean, Fayetteville, AR, November 2008.

**Meller, R.D.** “Innovative Aisle Designs for Unit-Load Warehouses.” Graduate Seminar Series, Department of Industrial Engineering, Arizona State University, Phoenix, AZ, March 2008.

**Meller, R.D.,** and G. Maxell. “International Logistics and the New Frontier of Supply Chain Excellence.” Cyber-Infrastructure Research Seminar, National Science Foundation, Washington, D.C., March 2008.

**Meller, R.D.** “Innovative Aisle Designs for Unit-Load Warehouses.” Graduate Seminar Series, Department of Industrial Engineering, University of Oklahoma, Norman, OK, April 2008.

McGinnis, L.F., J. Fowler, **R.D. Meller**, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *Industrial Engineering Research Conference*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.**, B. Montreuil, J.A. Tompkins, and R. Ward. “Panel: Material Handling Logistics Summit.” *Industrial Engineering Research Conference*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.** “Obtaining Industry Research Funding.” *IIE Doctoral Colloquium*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.** “Preparing for Research: Successful Strategies.” *IIE New Faculty Colloquium*, Vancouver, British Columbia, CA, May 2008.

**Meller, R.D.**, L.F. McGinnis, J. Fowler, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *WGLT International Day, CeMAT Trade Show*, Hannover, Germany, May 2008.

**Meller, R.D.**, L.F. McGinnis, J. Fowler, and D. Nazzal. “DELnet: An Engineering Virtual Organization on Discrete-Event Logistics Systems.” *2008 International Material Handling Research Colloquium*, Dortmund, Germany, May 2008.

**Nachtmann, H.** “Rural Transportation Security.” Petrochemical Transportation Security Workshop, Houston, TX, November 2008.

**Nachtmann, H.**, and E. Pohl. “Identifying Opportunities for Cost & Quality Improvements in Healthcare Logistics.” CIHL Spring Meeting, Springdale, Arkansas, May 2008.

**Nachtmann, H.**, and E. Pohl. “It’s Great to be an Engineer.” COE Engineering Girls Camp, Fayetteville, Arkansas, August 2008.

**Nachtmann, H.** “Mack-Blackwell Rural Transportation Center.” Engineering Dean’s Advisory Council, Fayetteville, Arkansas, October 2008.

**Nachtmann, H.**, and E. Pohl. “Identifying Opportunities for Cost & Quality Improvements in Healthcare Logistics.” INFORMS Annual Conference, Washington, D.C., October 2008.

**Naseem, Hameed A.**, “Dissemination of knowledge through the Pen and the Alphabetic Script,” presented at *Jaamiat-ul-Mubasshireen, Qadian, India*, Dec. 22, 2008. (Invited)

**Needy, K.L.**, and R. Ries. “The Economic Benefits of Green Buildings.” Graduate Seminar, University of Florida, Gainesville, FL, February 2008.

Matlock, M., Cochran, M., Popp, J., Faupel, M., Johnson, J., Rice, J., Thoma, G., **Nutter, D.**, Costello, T., Norris, G., Nalley, L., and Niederman, Z., “Natural Resource Management – Doing It Better,” *Cotton Sustainability Summit*, October 19-21, 2008.

Matlock, M., Costello, T., **Nutter, D.**, Thoma, G., and Popp, M., “A Life Cycle Analysis of Energy in Cotton Production,” *Eighth Annual American Ecological Engineering Society Meeting*, June 11-14, 2008.

Thoma, G., **Nutter, D.**, Ulrich, R., Matlock, M., Clayton-Neiderman, Z., and Liang, E., “A Life Cycle Analysis Framework for Carbon in Dairy Production and Processing,” *Eighth Annual American Ecological Engineering Society Meeting*, June 11-14, 2008.

Thrift, P. and **Nutter, D.**, “Benefits of LEED Designs in Arkansas K-12 Schools,” *Arkansas Undergraduate Research Conference*, Arkadelphia, AR, April 11-12, 2008.

**Nutter, D.**, “Fluid Milk Processor Life Cycle Analysis”, *Dairy Management Inc. Carbon Council Meeting*, November 17, 2008.

**Panda, B.**, “Database Damage Assessment and Recovery following an Information Attack”, Invited Speaker, University of Alabama Computer Science Department Research Colloquium Series, Tuscaloosa, AL, April 13, 2009

**Rardin, R.** “Image-Guided 4D Optimization for IMRT Cancer Radiation Therapy.” Department of Industrial and Operations Engineering, University of Michigan, November 2008.

Zhang, S., Terdalkar, S., **Rencis, J.J.** and Hsia, K.J., “Stress Generation Mechanisms in Thin Films Impacted by Energetic Ions,” Invited Presentation, Hael Mughrabi Honorary Symposium: Plasticity, Failure and Fatigue in Structural Materials, Session on Macro to Nano: Mechanical Properties of Ultrafine-Grained (UFG) Metals II, *2008 TMS Annual Meeting & Exhibition*, New Orleans, LA, March 9-13, 2008.

Zhang, S., Terdalkar, S., **Rencis, J.J.** and Hsia, K.J., “Stress Generation Mechanisms in Thin Films Impacted by Energetic Ions,” Invited Presentation, Hael Mughrabi Honorary Symposium: Plasticity, Failure and Fatigue in Structural Materials, Session on Macro to Nano: Mechanical Properties of Ultrafine-Grained (UFG) Metals II, *2008 TMS Annual Meeting & Exhibition*, New Orleans, LA, March 9-13, 2008.

**Root, S.**, and A. Cohn. “Discussant: Integrated Planning for Express Parcel Carriers.” NSF Bridges to Engineering Research 2020, Greensboro, NC, March 2008.

**Root, S.**, and J. Braden. “Discussant: The Dial-A-Ride Problem with Flexible Destinations.” INFORMS Southwest Regional Conference, College Station, TX, April 2008.

**Root, S.** “Discussant: Design and Operation of Surgery Delivery Systems: Open Problems.” Healthcare Engineering Symposium, Raleigh, NC, April 2008.



Aibangbee, E., and **S. Root**. “Home Healthcare Scheduling and Routing.” INFORMS Annual Meeting, October 2008.

**Roper, D.K.** “Electromagnetism and Transport in Nano- and Bio-technologies.” Department of Chemistry & Biochemistry, University of Arkansas, Fayetteville, AR (Oct 28, 2008).

**Roper, D.K.** “Gold Films & Nanoparticles.” Department of Chemical Engineering, Brigham Young University, Provo, UT (Feb 7, 2008).

**Roper, D.K.** “Photonic Tunneling in Plasmon Capillaries.”\_Department of Biological and Irrigation Engineering, Utah State University, Logan, UT (Jan 17, 2008).

**Saxena, A.**, “Engineering Education and Globalization,” Distinguished Lecture, *ASCE Annual Conference and Exposition*, Distinguished Lecture, Pittsburgh, PA, June 2008.

**Saxena, A.**, “Quality and Accreditation in Engineering Education,” Two-day Short Course Conducted in Mysore, India, *Sponsored by Indo-US Collaborative on Engineering Education*, May 2008.

**Saxena, A.**, “Use of MD in the Design of Stable Nanostructures,” *ASME International Conference*, Hong Kong, June 2008.

**Saxena, A.**, “Continuous Quality Improvement in Engineering Education,” *IUCSEE-World Bank Conference*, Mysore, India, July 2008.

**Saxena, A.**, “Development of ASTM Standards on Creep Fatigue Crack Initiation and Propagation,” *EPRI Workshop on Creep-Fatigue Interactions*, Kyoto, Japan, October 2008.

M. Sarkar, **R. P. Selvam**, R. Ponnappan (2008), Direct simulation of spray cooling: effect of multiple droplet impact and latent heat of vaporization of coolant liquid on heat transfer, 2008 ASME Summer Heat Transfer Conference, HT2008, August 10-14, Jacksonville, Florida USA.

**R.P. Selvam** (2008), Adaptive stabilized hp-FEM and large eddy simulation for wind engineering, 4<sup>th</sup> International conference on Advances in Wind and Structures (AWAS’08), May 29-31, Jeju, Korea.

**R.P. Selvam**, S.K. Patro and H. Bosch (2008), h-Adaptive FEM for Bridge Aerodynamics, 4<sup>th</sup> International conference on Advances in Wind and Structures (AWAS’08), May 29-31, Jeju, Korea.

M. Sarkar, **R.P. Selvam** and A.G. Chowdhury (2008), CFD modeling and flow analysis to improve contraction design of wind tunnel, 4<sup>th</sup> International conference on Advances in Wind and Structures (AWAS’08), May 29-31, Jeju, Korea.

J. Johnston, **R. P. Selvam** and E. Silk, (2008), Spray cooling modeling: Droplet sub-cooling effect on heat transfer, Space Technology and Applications International Forum (STAIF 2008), Conference on Thermophysics in Microgravity, Albuquerque, NM, Feb. 10-14

**Servoss, Shannon.** “Optimization of ELISA Microarrays.” Department of Chemistry and Biochemistry, Analytical Group, University of Arkansas, Fayetteville, AR (February 8, 2008).

**Servoss, Shannon.** “Optimization of ELISA Microarrays.” Department of Biological and Agricultural Engineering, University of Arkansas, Fayetteville, AR (February 15, 2008).

**Spearot, D.E.,** “Dislocation Nucleation from Ledges and Disconnections in Grain Boundaries,” *Plasticity 2008*, Kona, HI, January 3-8, 2008.

**Spearot, D.E.,** “Molecular Dynamics Simulations of Dislocation Nucleation in FCC Metallic Materials,” *2008 Symposium on Predictive Science and Technology in Mechanics and Materials*, Starkville, MS, June 22-25, 2008.

**Spearot, D.E.,** “Modeling Plasticity, Dislocations, and Grain Boundary Failure in FCC Metals,” *US Army Research Laboratories*, Aberdeen, MD, August 12-13, 2008.

**Spearot, D.E.,** “Modeling Plasticity, Dislocations, and Grain Boundary Failure in FCC Metals,” *University of Stuttgart*, Stuttgart, Germany, December 15, 2008.

**Spearot, D.E.,** “Atomistic Simulation: Methods and Mathematical Procedures,” *University of Stuttgart*, Stuttgart, Germany, December 18, 2008.

**Soerens, Thomas,** “International Development Program at the University of Arkansas”, EAST National Conference, Hot Springs, AR, March 2008.

**Thoma, Gregory J.** “Environmental Impacts of the Fayetteville Shale Play.” The Canadian Consul, Fayetteville, AR (July 14, 2008).

**Thoma, Gregory J.** “An Overview of Unconventional Natural Gas Development in the Fayetteville Shale Play.” Plenary talk at the 15th Annual International Petroleum Environmental and Biofuels Conference, Houston, TX (November 13, 2008).

**Thoma, Gregory J.** “Environmental Impacts of the Fayetteville Shale Play.” Arkansas Watershed Advisory Group/Stream Team 2008 Watershed Conference, Little Rock, AR (October 30, 2008).

**Thoma, Gregory J.** “Sustainability issues related to water resources.” Invited presentation to Walmart Buyers, Bentonville, AR (June 2008).

**Thoma, Gregory J.** “The role of green engineering in the 21st Century.” Green Jobs Now: A National Day of Action to Build the New Economy, Fayetteville, AR (September 2008).

**Thompson, D.R.**, “Teaching RFID Information Systems Security to Non-RF Students,” in *Proc. IEEE Wireless and Microwave Technology conference (WAMICON)*, Clearwater, FL, April 20-21, 2009

**Tung, S.**, “Hybrid MEMS – Integration of Bacterial Flagellar Motors with Microfluidic Devices,” *Taiwan National Cheng Kung University*, Tainan City, Taiwan, July 4 2008.

**Ulrich, Richard.** “Commercialization of Embedded Passives in Consumer Products.” ECTC, Orlando, FL (May 27, 2008).

**Ulrich, Richard.** “Future Technological Advances in Embedded Passives.” Texas Instruments, Dallas, TX (May 8, 2008).

**Varadan, Vasundara V.**, and In Kwang Kim, “Fabrication and Characterization of Metamaterials using LTCC Techniques,” *Metamaterials 2008*, Pamplona, Spain, September 22-26, 2008.

**Varadan, V. K.**, “Wireless nanosensors, organic electronics and multifunctional integrated systems for health monitoring of rotor blades,” *Defense Science Organization*, Singapore, January 5, 2008 (invited talk).

**Varadan, V. K.**, “Wireless nanosensors, organic electronics and multifunctional integrated systems for health monitoring, neurological disorders, myocardial ischemia and other major diseases in human,” *National University of Singapore*, May 5, 2008 (invited talk).

**Varadan, V. K.**, “Wireless nanosensor systems, organic electronics and their applications in medicine and healthcare,” *Healthcare conference*, New York University, Stony Brook, March 27, 2008 (invited talk).

**Varadan, V. K.**, “Nanotechnology based Point-of-Care diagnostics and therapeutics for neurological disorders,” *International Conference on Pharmaceutical Sciences and Drug Delivery*, Ooty, India, May 3, 2008 (plenary talk).

**Varadan, V. K.**, “Electronic Smart Textiles with Organic Electronics,” *International Conference on Smart Materials and Structures*, Sicily, Italy, June 8, 2008 (invited talk) and session Chair.

**Varadan, V. K.**, “Development of organic electronics and sensors in medicine for real time health monitoring of patients,” *International Conference on Plastic Electronics*, Seoul, Korea, June 25, 2008 (plenary talk).

**Varadan, V. K.**, “Nano-, Bio-, and Info-Tech Sensors, Organic Electronics and Smart Systems in Engineering and Medicine,” *Fifth International Conference on Smart Materials, Structures and Systems*, Bangalore, India, July 24, 2008(plenary talk).

**Varadan, V. K.**, Nano-, Bio-, and Info-Tech Sensors and Smart Systems in Engineering and Medicine,” *International Conference on Multifunctional Materials and Structures*, Hong Kong, July 28, 2008 (plenary talk).

**Varadan, V. K.**, “Nanotechnology, wireless sensors and integrated systems in engineering and medicine,” *International Conference on Trends in Intelligent Electronic Systems*, University of Madras, July 30 (plenary talk and inauguration of Nanotechnology Center address).

**Varadan, V. K.**, “Low cost highly efficient space solar power system and its applications including UAV and health monitoring of space crew,” *International Conference on Emerging Scenarios in Space Technology and Applications*, Indian Space Research Organization (ISRO), Chennai, November 13, 20.

**Wang, Kelvin C.P.**, Qiang Li, “Database Support for the New Mechanistic-Empirical Pavement Design Guide (MEPDG)”. Transportation Research Board, Washington D. C., USA, January 2008.

**Wang, Kelvin C.P.**, Weiguo Gong, and Zhiqiong Hou, "Automated Cracking Survey", Sixth RILEM International Conference on Cracking in Pavements, Chicago, Illinois, June 16-18, 2008.

**Wang, Kelvin C.P.**, Zhiqiong Hou, and Weiguo Gong, "Automation Techniques for Digital Highway Data Vehicle (DHDV)", 7<sup>th</sup> International Conference on Managing Pavements and Other Roadway Assets, June 23-28, 2008, Calgary, Canada

**Wang, Kelvin C.P.**, Zhiqiong Hou, and Weiguo Gong, Protocol Applications of the Automated Distress Analyzer (ADA), 6th Symposium on Pavement Surface Characteristics, SURF 2008, October 20th to 24th, 2008, Slovenia, Europe

**Wang, Kelvin C.P.**, “Integrating MEPDG Database with Arkansas Pavement Management”, 2008 Southeastern States Pavement Management and Design Conference, North Little Rock, Arkansas, June 1– 4, 2008.

**Wang, Kelvin C.P.**, “Automated Cracking Survey with ADA”, 2008 Southeastern States Pavement Management and Design Conference, North Little Rock, Arkansas, June 1– 4, 2008.

**Wang, Kelvin C.P.**, “Automated Cracking Survey and Protocol Development”, National Workshop on Highway Asset Inventory and Data Collection, September 24-26, 2008, Durham, North Carolina.

**Wang, Kelvin C.P.**, “Automated Cracking Survey and Multi-Function Vehicle”, The 20th Annual RPUG Meeting, October 26-30, 2008, Austin, Texas.

**Wejinya, U.**, “Carbon Nanotubes for Nanotechnology Applications-An Overview,” *NSF-REU Nanotechnology Seminar*, University of Arkansas, Fayetteville, AR, July 11, 2008.

**Wejinya, U.**, “Modeling and Sensing for Micro/Nano and Bio Manipulation and Assembly,” *Northeastern University, Shenyang, China*, July 1, 2008.

**Wejinya, U.**, “Modeling, Sensing, and Control of Micro/Nano Mechatronics Manipulation and Assembly,” *Shenyang Institute of Automation, Chinese Academy of Sciences, Shenyang, China*, June 30, 2008.

**Williams, Rodney D.**, “Utilization of Water Treatment Residuals to Reduce Phosphorus Runoff from Land Applied Biosolids”, 11/17/2008, AWRA Annual Conference, New Orleans, LA

**Williams, Rodney D.**, “Utilizing Water Treatment Plant Residuals to Reduce Phosphorus Loading in Runoff”, 10/13/2008 SWAWWA Annual Meeting, Tulsa OK

**Williams, Rodney D.**, and Moore, Philip, Utilizing Water Treatment Residuals To Reduce NPS Phosphorus”, Annual Research Report to ANRC, NPS Project Review, September 2008.

**Williams, Stacy G.**, “4.75mm Mixes”, Arkansas Quality Asphalt Conference, Arkansas Asphalt Pavement Association, North Little Rock, Arkansas, January 17, 2008.

**Williams, Stacy G.**, “Training and Certification Issues and Opportunities”, Annual Convention, Arkansas Asphalt Pavement Association, Rogers, Arkansas, March 19, 2008.

**Williams, Stacy G.**, “Calibration Issues with Non-Nuclear Density Devices”, Annual Convention, Arkansas Asphalt Pavement Association, Rogers, Arkansas, March 20, 2008.

**Williams, Stacy G.**, “CTTP Update”, Mack-Blackwell Rural Transportation Center (MBTC) Annual Advisory Board Meeting, Fayetteville, AR, November 6, 2008.

**Williams, Stacy G.**, “Center for Training Transportation Professionals Update”, Transportation Research Committee 87<sup>th</sup> Meeting, Arkansas Highway and Transportation Department, Little Rock, Arkansas, November 20, 2008.

**Williams, Stacy G.**, “Hot Mix Asphalt Longitudinal Joint Evaluation and Construction – TRC-0801”, Transportation Research Committee 87<sup>th</sup> Meeting, Arkansas Highway and Transportation Department, Little Rock, Arkansas, November 20, 2008.

**Williams, Stacy G.**, “Critical Factors Affecting the Determination of HMA Density Using Non-Nuclear Devices”, Transportation Research Board, Annual Meeting, Washington, DC, January, 2008.

**Williams, Stacy G.**, “An Investigation of the Design Parameters Affecting the Microtexture and Macrotexture of 4.75mm Superpave Mixtures”, 2008 Safer Roads Conference, Cheltenham, UK, May 11 – 14, 2008.

**Williams, Stacy G.**, “Field Permeability Measurements of Coarse-Graded Asphalt Pavements”, International Symposium on Asphalt Pavements and Environment, International Society for Asphalt Pavements, Zurich, Switzerland, August 18, 2008.

**Williams, Stacy G.**, “Permeability and Surface Friction of 4.75mm Superpave Mixtures”, International Symposium on Asphalt Pavements and Environment, International Society for Asphalt Pavements, Zurich, Switzerland, August 18, 2008.

**Williams, Stacy G.** and Kevin D. Hall, “An Evaluation of Impedance Gauge Calibration Methods for HMA Density”, 10<sup>th</sup> International Conference on Applications of Advanced Technologies in Transportation, Athens, Greece, May 30, 2008.

**Zou, M.**, “Nano-engineered Surfaces by Aluminum-induced Crystallization of Amorphous Silicon,” *State Key Laboratory of Tribology, Tsinghua University*, Beijing, China, June 17, 2008.

**Zou, M.**, “Nano-engineered Surfaces by Aluminum-induced Crystallization of Amorphous Silicon,” *Southeast University*, Nanjing, China, June 13, 2008.

Brown W.D., Naseem, H.A., Cai, L., **Zou, M.**, Barghouti, M., Hossain, M., Sharif, K., Abu-Safe, H. H., Kishore, R., Al-Shariah, A., and Wang, H., “Low-Temperature Aluminum-Induced Crystallization (AIC) of Amorphous Silicon (a-Si:H): From Sub-Micron to Epitaxy,” *The Solid State and Electrochemical Science and Technology Twin Cities 2008 Symposium*, Minneapolis, Minnesota, April 28, 2008.

Brown W.D., Naseem, H. A., Cai, L., **Zou, M.**, Barghouti, M., Hossain, M., Sharif, K., Abu-Safe, H.H., Kishore, R., Al-Shariah, A., and Wang, H., “Low-Temperature Aluminum-Induced Crystallization (AIC) of Amorphous Silicon (a-Si:H): From Sub-Micron to Epitaxy,” *Graduate Student Seminar, Minnesota State University at Mankato, Mankato, Minnesota*, April 28, 2008.

Premachandran Nair, R., Wang, H., and **Zou, M.**, “Surface-Nano-Texturing by Aluminum-Induced Crystallization of Amorphous Silicon,” *35th International Conference On Metallurgical Coatings And Thin Films ICMCTF 2008*, San Diego, CA, USA, April 28 - May 2, 2008.

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

**Ackerson, Michael.** “Mild Hydrocracking Using IsoTherming.” 2008 Annual Meeting of the NPRA, San Diego, CA (March 2008).

**Ahn, W.** and D.K. Roper. “Transformed gold island film improves light-to-heat transduction of nanoparticles on silicon capillaries.” ACS National Meeting, *Philadelphia, PA* (Aug 17-21, 2008).

**Ang, S. S.**, W. D. Brown, H. Mustain, B. Rowden, J. Balda, and A. Mantooth, “Packaging of silicon carbide power semiconductor devices,” *Proceedings of the International Semiconductor Technology Conference Electrochemical Society-China*, Shanghai, March 15-17, 2008.

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Rajgarhia, R., **Spearot, D.E.** and Saxena, A., “Plastic Deformation Behavior of Single Crystal Copper-antimony Alloys,” *Plasticity2008*, Kona, HI, January 3-8, 2008.

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**Spearot, D.E.**, “Dislocation Nucleation from Ledges and Disconnections in Grain Boundaries,” *Plasticity2008*, Kona, HI, January 3-8, 2008.

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**Srinivas, K.**, J.W. King, and C.M. Hansen. “Prediction and Modeling of Solubility Phenomena in Subcritical Fluids Using an Extended Solubility Parameter Approach.” ACS-AIChE National Meeting, New Orleans, LA (April, 2008).

**Srinivas, K.**, J.W. King, and C.M. Hansen. “Prediction and Modeling of Solubility Phenomena in Subcritical Fluids Using an Extended Solubility Parameter Approach.” ACS-AIChE National Meeting, New Orleans, LA (April 9, 2008).

**Taiwo, M.**, G. Thoma, J. Cothren “Spill Modeling for a Reserve Pit.” 15th Annual International Petroleum Environmental Conference, Houston, TX (November 11-13, 2008).

Sublette, K., E. Jennings, T. Brokaw, K. Duncan, C. Metha, J. Harris and **G.J. Thoma**. “Monitoring Soil Ecosystem Recovery Following Bioremediation of a Terrestrial Crude Oil Spill Using Nematodes as Ecological Indicators.” VI International Seminar: Oil and Gas Exploration and Production – VI INGEPET 2008, Lima, Peru (October 13-17, 2008).

**Thoma, G.**, D. Nutter, R. Ulrich, M. Matlock, Z. Clayton-Neiderman, E. Liang. “A Life Cycle Analysis Framework for Carbon in Dairy Production and Processing.” American Ecological Engineering Society National Conference, Blacksburg, VA (June 2008).

**Varadan, V. K.**, “Organic (plastic) thin film transistor and sensor integration,” one day lecture at *Inha University*, Seoul, Korea, June 23, 2008.

**Varadan, V. K.**, “Wideband phased array antenna with RF MEMS and MEMS phase shifters,” two day lecture at *University of Warwick*, UK, October 30 and 31, 2008.

**Varadan, V. K.**, “Microstereo Lithography and Roll-to-Roll Manufacturing of Flexible Solar Cells,” one day lecture at *Indian Space Research Organisation*, Chennai, India, November 13, 2008.

**Wejinya, U.C.**, Shen, Y., and Xi, N., “*In Situ* Micro-Force Sensing and Quantitative Elasticity Evaluation of Living Drosophila Embryos At Different Stages,” *Proceedings of the 2008 IEEE/ASME International Conference on Advanced Intelligent Mechatronics*, Xi’an, China, July 2008.

**Wejinya, U.C.**, Xi, N., Lai, K.W.C., and Zhang, J., “Design and Modeling of Electrode Geometry for Intelligent Manufacturing and Assembly of CNT-Based Nano Devices,” *The 8<sup>th</sup> IEEE International Conference on Nanotechnology*, Arlington, TX, August 18-21, 2008.

**Wejinya, U.**, “Modeling and Control for Micro/Nano Manipulation and Assembly,” *School of Electrical and Computer Engineering, Oklahoma State University*, Stillwater, OK, January 17, 2008.

**White, K.**, Chevrier, V., Roe, L.A., and Bryson, K., “Sublimation Kinetics of CO<sub>2</sub> Ice on the Surface of Mars,” *39<sup>th</sup> Lunar and Planetary Sciences Conference*, #1178, League City, Texas, March 10-14, 2008.

**Williams, Stacy G.**, “CTTP Annual Review 2008”, CTTP Advisory Board Meeting, Fayetteville, Arkansas, December 17, 2008.

**Wolf, D.C.**, K.J. Davis, J.D. Mattice, C.E. Cerniglia, and G.J. Thoma. “Pyrene Biodegradation in Two Soils.” SSSA meeting, Houston, TX (October 2008).

**Wu, Jingxian**, “Mobility model and connectivity analysis of high speed mobile vehicular network,” IEEE Global Telecommun. Conf., Autonet’08, Dec. 2008, oral presentation.

**Wu, Jingxian**, “Oversampled OFDM in doubly selective fading,” IEEE Wireless Commun. Network Conf. WCNC’08, Mar. 2008, oral presentation.

Wang, S., X. Liu, D. Ding, S.-N. Wu, S. R. Johnson, **S.-Q. Yu**, J. K. Furdyna, and Y.-H. Zhang, “Lattice matched ZnTe and CdZnTe/ZnTe heterostructures grown on GaSb for multijunction solar cell applications,” 33rd IEEE Photovoltaic Specialists Conference (San Diego, 2008).

Wang, Shumin, Song-Nan Wu, Ding Ding, Xinyu Liu, Xiao-Bo Zhang, Shane R. Johnson, **Shui-Qing Yu**, Jacek K. Furdyna, David J. Smith, and Yong-Hang Zhang, “Multijunction solar cells using monolithically-integrated and lattice-matched II/VI and III/V materials,” *23rd EU PVSEC*, 1AO4.1 (Sep, 2008).

Zhang, Y.-H., **S.-Q. Yu**, S. R. Johnson, D. Ding, and S.-N. Wu, “Monolithically Integrated Multijunction Solar Cells Using II/VI and III/V Materials Lattice Matched to GaSb or InAs Substrates,” *33rd IEEE Photovoltaic Specialists Conference* (San Diego, 2008).

Sweeney, S. J., K. Hild, I. P. Marko, **S.-Q. Yu**, S. R. Johnson and Y.-H. Zhang, “Thermal Characteristics of 1.3um GaAsSb/GaAs-based Edge- and Surface-Emitting Lasers,” *21st IEEE International Semiconductor Laser Conference*, P5, Sorrento, Italy (Sep 2008).

Ding, D., S.-N. Wu, S. Wang, S. R. Johnson, **S.-Q. Yu**, X. Liu, J. K. Furdyna, and Y.-H. Zhang, “Multi-junction Solar Cells Based on the Integration of II/VI and III/V Semiconductors”, *IEEE LEOS Annual Meeting* (2008).

Johnson, Shane R., Rajesh Atluri, Ding Ding, **Shui-Qing Yu**, and Yong-Hang Zhang, “Nonradiative Losses and Cooling Performance in Semiconductor Based Luminescence Refrigerators,” Accepted by *SPIE* 2009 (San Jose).

Brown W.D., Naseem, H.A., Cai, L., **Zou, M.**, Barghouti, M., Hossain, M., Sharif, K., Abu-Safe, H. H., Kishore, R., Al-Shariah, A., and Wang, H., “Large Grain Polycrystalline and Epitaxial Silicon Films Formed at Low Temperatures for Solar Cells,” *San Francisco Section Meeting, The Electrochemical Society*, January 24, 2008.

Brown W.D., Naseem, H.A., Cai, L., **Zou, M.**, Barghouti, M., Hossain, M., Sharif, K., Abu-Safe, H.H., Kishore, R., Al-Shariah, A., and Wang, H., “Large Grain Polycrystalline and Epitaxial Silicon Films Formed at Low Temperatures for Solar Cells,” *Solid State Technology and Devices Seminar, The University of California at Berkeley*, January 25, 2008.

**Zou, M.**, Wang, H., Larson, P.R., Sanchez, E.S., and Johnson, M.B., “Nanomechanical Properties of a Ni Nanodot-patterned Surface,” *STLE Annual Meeting*, Cleveland, OH, May 18-22, 2008

#### **OTHER CREATIVE ENDEAVORS:**

**Andrews, D.** served as a proposal reviewer for the Swiss National Science Foundation and the State of Ohio Plant Biotechnology Consortium Grants Program. Served as International Expert Reviewer for German Government Special Program on Reconfigurable Computing, Heidelberg Germany, August 2008.

**Deaton, R.** hosted the annual DNA 15 conference on campus in June. Approximately 75 participants from around the world attended.

**Fairey JL** and Lowry GV. “Predicting and validating the performance of activated carbon amended sediment caps.” Final project report submitted to the Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET), December 15, 2008.

**Gattis, J. L.**, Christopher Hanning, and Lynette K. Duncan. Effects of Frontage Road Conversion, MBTC 2073, June, 2008. Arkansas Highway & Transportation Department and Mack-Blackwell Transportation Center.

**Gattis, J. L.**, Micah Bryant, and Lynette K. Duncan. Acceleration Lane Design for Higher Truck Volumes, MBTC 2094/3003, December, 2008. Arkansas Highway & Transportation Department and Mack-Blackwell Transportation Center.

**Haggard, B.E.**, Leslie Bartsch: Organized annual research of the Arkansas Water Resources Center held on April 22 and 23 in Fayetteville, Arkansas.

**Haggard, B.E.**, Leslie Bartsch: Organized technical workshop to develop a mental model of the factors influencing water quality within the Upper Illinois River Watershed.

**Haggard, B.E.**, Leslie Bartsch, and FTN Associates: Organized a visioning exercise with the Board Members from the Illinois River watershed Partnership to develop a common vision for this water resource 25 years in the future.

Wilhite, L. Vetter, J. and **W. Hale**, “Effect of Low Temperature on Ternary Concrete Mixtures,” Project TRC – 0604, Arkansas State Highway and Transportation Department, Little Rock, AR, 2008.

Ruiz, E., Floyd, R., Staton, B., Do, N., and **W. Hale**, “Prestress Losses in Prestressed Bridge Girders Cast with Self-Consolidating Concrete”, Project 2071, Arkansas State Highway and Transportation Department, Mack-Blackwell Rural Transportation Center, Fayetteville, AR. 2008.

Marisetty, S., Bailey, E., **Hale, W.**, and E. Heymsfield, “Development of a Soft Ground Arrestor System”, Project 2089, Mack-Blackwell Rural Transportation Center, Fayetteville, AR. 2008.

**Kim, J.-W.** R. Deaton, and V.P. Zharov. Near-infrared responsive carbon nanostructures. Patent pending.

Bhansali, A. and **Malshe, A.P.**, “Packaging and Integration System for Micro Sensors in the Marine Environment,” *United States Patent* 7456551, 2008.

**Sadaka, Samy** Biofuel. Bioenergy awareness days. Washington DC. June 18 – June 20, 2008. A crowd of more than 3000 people attended these bioenergy awareness days. Many discussions took place with public, USDA leaders and others showing the division activities. Every visitor received an educational material showing thermochemical conversion processes of biomass to fuel. Every visitor received the Division pen.

**R.P. Selvam** and Patro, S.K. (2008), Aeroelastic analysis of bridge deck sections by FEM using LES (Part 5) – Software for FEA using unstructured grids, Final Report, Lendis Corporation & Genex Systems

**R.P. Selvam**, M. Sarkar and S. Sarkar (2008), Computer modeling of spray Cooling for Micro to Macro Gravity Conditions, Final report: Universal Technology Corporation, Dayton, OH.

J.C. Balda, **R. P. Selvam**, B. Rowden (2008), Power packaging of spray-cooled SiC devices for high temperature and high voltage operation, Final Report: Office of Naval Research.

**Williams, Rodney**, and Gross, Mark, “A Study of the Effectiveness of a Bioaugmentation Product for the Use in Septic Tanks”, Final Report, Reckitt & Benckiser.

**Williams, Rodney D.**, and Luedecke, James A., “Determining the Effectiveness of Raw Sewage Splitting Devices After Bioaugmentation Research”, Supplemental Report, Reckitt & Benckiser.

**Williams, Stacy G.**, “Surface Friction Measurements of Fine-Graded Asphalt Mixtures”, Final Report, Project MBTC-2066, Mack-Blackwell Rural Transportation Center, Fayetteville, Arkansas, June, 2008.

**Williams, Stacy G.**, “Non-Nuclear Methods for HMA Density Measurements”, Final Report, Project MBTC-2075, Mack-Blackwell Rural Transportation Center, Fayetteville, Arkansas, June, 2008

**Zou, M.** and Wang, H., “Fabrication of Nano/micro-textured Surfaces by Aluminum-induced Crystallization of Amorphous Silicon,” *United States Patent* Serial No. 61/020,014.

#### **PATENTS:**

**Manasreh, M. O.**, “Room Temperature Near-Infrared-Visible Photodectors Based on InAS Multiple Quantum Dots,” filed.

**Varadan, V.K.**, J. Xie, and Jay Nathan, “Nanomaterial based alkaline button cell battery,” U.S. patent submitted, December 16, 2008.

## **LAW SCHOOL**

### **Carlton Bailey, Robert A. Leflar Distinguished Professor of Law**

#### Lectures/Speeches/Presentations

*Arkansas Supreme Court Interprets Arkansas Rule of Evidence 403*, Sebastian County Bar Association, Fort Smith, Arkansas, May 2008.

### **Howard Brill, Vincent Foster University Professor of Legal Ethics and Professional Responsibility**

#### Publications

2008 Supplement to ARKANSAS LAW OF DAMAGES (5<sup>th</sup> edition)(November 2008).

#### Lectures/Speeches/Presentations

CLE presentation, Association of Criminal Defense Attorneys, Fayetteville, Arkansas, September 2008.

### **Chauncey Brummer, Professor of Law**

#### Lectures/Speeches/Presentations

*Ethics in Divorce*, 2008 Arkansas Bar Association Annual Meeting, Hot Springs, Arkansas.

### **Carl Circo, Associate Professor of Law**

#### Publications

*Using Mandates and Incentives to Promote Sustainable Construction and Green Building Projects in the Private Sector: A Call for More State Land Use Policy Initiatives*, 112 Penn. St. L. Rev. 731 (2008).

*Put the Arkansas Construction Lien Notice Statute Out of Its Misery*, 2008 Ark. L. Notes 3.

#### Lectures/Speeches/Presentations

*Legislative and Judicial Responses to Kelo v. City of New London*, 10<sup>th</sup> Annual Arkansas Bar Association Government Practice Institute, Little Rock, Arkansas, October 2008.

### **Kim Coats, Assistant Professor of Law**

#### Lectures/Speeches/Presentations

Co-presenter, *The Transition to a Directorless Program*, 13<sup>th</sup> Biennial Conference of the Legal Writing Institute, Marco Island, Florida, July 2008.

**Uché Ewelukwa, Associate Professor of Law**

**Publications**

*Trade, Empires and Subjects: China-Africa Trade: A New Fair Trade Arrangement Or The Third Scramble For Africa?* 41(2) Vanderbilt Journal of Transnational Law 505 (2008).

*Trade, Aid and Human Rights: China's Africa Policy in Perspective* in THE DYNAMICS OF TRADE: LAW AND ECONOMICS 265-284 (Sylvia M. Kierkegaard, ed., 2008).

*Posthumous Children, Hegemonic Human Rights and the Dilemma of Reform: Conversations Across Cultures*, 19(2) Hastings Women Law Journal 211 (2008).

**Lectures/Speeches/Presentations**

Panelist, *Africa, the Doha Round and the Politics of Trade Negotiations*, 2008 Biennial American Society of International Law (ASIL) Interest Group Conference: The Politics of International Economic Law: The Next Four Years, Washington, DC, November 2008.

*Product Safety, Consumer Protection and the WTO Agreement on Technical Barriers to Trade: Prospects, Progress & Problems*, Business, Law and Technology Conference (IBLT), Long Island, New York, June 2008.

*Competition Law vs. Patent Rights: Using Competition Law to Promote Access to Medicine in Developing Countries – Lessons from South Africa*, Business, Law and Technology Conference (IBLT), Long Island, New York, June 2008.

**Janet Flaccus, Professor of Law**

**Publications**

*Post Divorce Fighting – Can It Be Predicted?* 2008 Ark. L. Notes 17.

**Lectures/Speeches/Presentations**

*Not for Profit Companies*, Legal e-Source, Fall 2008.

*Valuation of Businesses*, Legal Aid Annual Meeting, Fall 2008.

*Single-Asset Bankruptcies*, Northwest Arkansas Debtor/Creditor Bar group, Fall 2008.

**Sharon Foster, Associate Professor of Law**

**Publications**

*The County Road Quagmire: How to Establish the Existence of a County Road and Other Ingress, Egress Conundrums*, 2008 Ark. L. Notes 33.

*Prelude to Compatibility Between Human Rights and Intellectual Property*, 9 Chicago Journal of International Law 171 (2008).

*The Conflict Between the Human Right to Education and Copyright*, Chapter 11 in INTELLECTUAL PROPERTY AND HUMAN RIGHTS (Paul L. C. Torremans, ed.) (Wolters Kluwer, 2008).



**Brian Gallini, Assistant Professor of Law**

**Publications**

*Equal Sentences for Unequal Participation: Should the Eighth Amendment Allow All Juvenile Murder Accomplices to Receive Life Without Parole?* 87 Or. L. Rev. 29 (2008).

**Carol R. Goforth, Clayton N. Little Professor of Law**

**Publications**

*The Model Registered Agents Act – A Word (or two) to the Wise*, 2008 Ark. L. Notes 43.

**Donald P. Judges, E.J. Ball Professor of Law**

**Lectures/Speeches/Presentations**

*Emotional Intelligence*, University of Arkansas School of Law, Fayetteville, Arkansas, February 2008.

*Emotional Intelligence*, Washington County Bar Association CLE program, Fayetteville, Arkansas, March 2008.

*Civil Rights and the Rule of Law*, University of Arkansas Spring International Language Center, Fayetteville, Arkansas, July 2008.

**Ann Killenbeck, Assistant Professor of Law**

**Lectures/Speeches/Presentations**

*Outcomes Evaluation in a Post-Grutter World: Mandated? Or just Good Educational Practice?*, Southeastern Association of Law Schools (SEALS) Conference, Palm Beach, Florida, July 2008.

**Mark Killenbeck, Wylie H. Davis Distinguished Professor of Law**

**Publications**

Entries and Sidebars, *Encyclopedia of the Supreme Court of the United States*, David S. Tanenhaus et al., Eds. 5 Volumes. Detroit: Macmillan/Gale, December 2008.

**Lectures/Speeches/Presentations**

*A Review of the Current Supreme Court Term*, Sebastian County Bar Association CLE, Fort Smith, Arkansas, October 2008.

**Chris Kelley, Associate Professor of Law**

**Lectures/Speeches/Presentations**

*Global Consumption of Water by Agriculture*, Annual Conference of the American Association of Law Schools, New York, New York, January 2008.

**Judith Kilpatrick, Associate Dean for Diversity, Planning & Special Projects  
and Professor of Law**

**Publications**

*African American National Biography*, entry on “Wiley Austin Branton” (W.E.B. Du Bois Institute, Harvard University, Cambridge, in collaboration with Oxford University Press) (2008).

**Robert B Leflar, Arkansas Bar Foundation Professor of Law**

**Publications**

*Nihon to Amerika ni okeru iryō anzen mondai (iryō kago) ni tsuite [Issues in Patient Safety and Medical Malpractice in Japan and the United States]*, 3 Dokkyō L. Rev. 72-80 (2008).  
*Medical Error, Deception, Self-Critical Analysis, and Law’s Impact: A Comparative Examination*, in *LAW IN JAPAN: A TURNING POINT* 404-432 (Daniel H. Foote ed., Seattle: U. Washington Press 2008).

**Lectures/Speeches/Presentations**

‘Unnatural Deaths,’ *Criminal Sanctions, and Medical Quality Improvement in Japan*, U. of Tokyo School of Law, June 2008.

**Robert Moberly, Dean Emeritus and Professor of Law**

**Publications**

*The New Arkansas Appellate-Mediation Program*, 61 Ark. L. Rev. 429 (2008) (with Laura E. Levine).

**Cynthia Nance, Dean and Professor of Law**

**Lectures/Speeches/Presentations**

*The Legacy of Silas Hunt*, Northwest Arkansas Community College, Bentonville, Arkansas, January 2008.  
*Access to Justice*, Senior Democrats of Northwest Arkansas, Springdale, Arkansas, January 2008.  
*Managing Conflict and Stress and Finding Joy in our Work*, American Bar Association Deans’ Annual Meeting, Santa Monica, California, February 2008.  
*U.S. Supreme Court and Eighth Circuit Employment Law Developments*, Annual Labor Law Seminar, Hot Springs, Arkansas, March 2008.  
Panelist, *Ethics and Professional Responsibility in a Labor Law and Labor Arbitration Practice*, Labor Law and Labor Arbitration Program, Dallas, Texas, April 2008.  
*Girl Scout Women of Distinction Awards Dinner*, Mistress of Ceremonies, Springdale, Arkansas, April 2008.  
*Service: Strategies to Success*, AALS Retention of Minority Law School Teachers Conference, Washington, DC, June 2008.  
*Pedagogical Methods for Teaching Labor and Employment Law in the 21<sup>st</sup> Century*, Southeastern Association of Law Schools (SEALS) Conference, Palm Beach, Florida, August 2008.

Moderator, *A Preview of the Significant Labor and Employment Cases Pending Before the Supreme Court*, ABA Section of Labor and Employment Law teleconference, October 2008.

**Kathy Sampson, Assistant Professor of Law**

**Publications**

*Nonprofit Risk: Nonprofit Insurance*, 2008 Ark. L. Notes 83.

**Susan Schneider, Associate Professor of Law; Director of the LL.M. Program in Agricultural Law**

**Publications**

2008 Supplement to *Chapter 12 Bankruptcy: Family Farmer and Family Fisherman Reorganization* (Chapter 16 of the CONSUMER BANKRUPTCY LAW & PRACTICE GUIDE, National Consumer Law Center).

**Lectures/Speeches/Presentations**

*The Impact of U.S. Policies on Women Farmers Around the World*, International Women's Day Symposium, Little Rock, Arkansas, March 2008.

*Food Law Update*, American Agricultural Law Association Annual Educational Symposium, Minneapolis, Minnesota, October 2008.

**Steve Sheppard, William H. Enfield Professor of Law**

**Publications**

*Teach Justice*, 43 Harvard Civil Rights–Civil Liberties Law Review 599 (2008).

*Intelligence, Law and Democracy: A Hartman Hotz Symposium*, 60 Arkansas Law Review 809 (2008) (with Lord Robin Butler, Alberto Mora, and William Howard Taft IV).

*Books for Lawyers from 2007: A Very Subjective View of the Scribes Prize Nominees*, 2008 Ark. L. Notes 117.

*Sahib's Courts and Babu's Laws: An Introduction to Cowell's Short Treatise on Hindu Law*, in Herbert Cowell, *Short Treatise on Hindu Law* (Lawbook Exchange, 2008).

*I do Solemnly Swear: The Moral Obligations of Public Officials* (Cambridge University Press, 2008).

Karl Llewellyn, *The Bramble Bush: The Classic Lectures on the Law and Law School* (Rev. Ed., with a new introduction and notes by Steve Sheppard) (Oxford University Press, March 2008).

*Sir Edward Coke and A.V. Dicey* in THE ENCYCLOPEDIA OF LIBERTARIANISM (Cato Institute, 2008).

*Opera Omnia Johannis Selden: An Introduction for the American Reader*, in John Selden, *Opera Omnia* (Lawbook Exchange, 2008).

**Lectures/Speeches/Presentations**

*Environmental Audit for the Non-Environmental Lawyer*, Winter CLE, University of Arkansas, 2008.

*The Origins of Legal Ethics*, Benton County Bar Association, CLE, 2008.

**Ned Snow, Associate Professor of Law**

**Publications**

*Arkansas Court Documents Going Online: Bad Policy for Private Information*, 2008 Ark. L. Notes 113.

**Lectures/Speeches/Presentations**

*Fair Use, Free Speech, and Burdens of Proof*, Sixth Annual Works in Progress Intellectual Property Colloquium, Tulane University School of Law, October 2008.

**Tim Tarvin, Assistant Professor of Law**

**Lectures/Speeches/Presentations**

*Starting Your Own Nonprofit: A Guide for Beginners*, University of Arkansas Career Development Center's Nonprofit Career Fair, Fayetteville, Arkansas, February 2008.

*Online Legal Resources for Nonprofits*, Association of Nonprofit Professionals, Fayetteville, Arkansas, May 2008.

*The State of Legal Technology: Staying Competitive in the Digital Age*, Arkansas Bar Association Best of CLE 2008 Conference, Springdale, Arkansas, June 2008.

## MULLINS LIBRARY

### REFEREED PUBLICATIONS:

**Dixon, Janet** (Reference & Maps). Jackson D. Cothren, John C. Dixon, and Charles A. Calhoun. "Historical Imagery Collections in a Spatial Library: Key to Discovery of Past Landscapes." *Proceedings of the 41<sup>st</sup> Meeting of the Geoscience Information Society, Philadelphia October 2006*, edited by Patricia Yocum. 37 (2008): 53-61.

**Dong, Elaine** (Acquisitions Cataloging). "Using Blogs for Knowledge Management in Libraries." *CALA OPS (Chinese American Librarians Association Occasional Paper Series) 2* (November 2008): 2-7. Online paper available: <http://www.cala-web.org/files/ops/OPSNov08.pdf>

**Dong, Elaine**. Wenjie Zhou, and **Tim J. Zou**. "A School-Library-Centered Community Information Resource Sharing Model and Its Impact on Cultural Life of Rural Communities in China." *World Library and Information Congress: 74th IFLA General Conference and Council, 10-14 August 2008, Quebec, Canada*. (Refereed online publication)  
[http://www.ifla.org/IV/ifla74/papers/106-Zhou\\_Dong\\_Zou-en.pdf](http://www.ifla.org/IV/ifla74/papers/106-Zhou_Dong_Zou-en.pdf)

**Gibson, Theresa** (Interlibrary Loan) and **Patricia Kirkwood** (Reference & Collection Development). "A Purchase-on-Demand Pilot Project at the University of Arkansas, for the Proceedings of the Materials Research Society Symposium," *Journal of Interlibrary Loan, Document Delivery, and Information Supply* 19.10 2009: 47-56.

**Kirkwood, Patricia E.** (Collection Development & Reference), "Using Engineering Theses and Dissertations to Inform Collection-development Decisions, Especially in Civil Engineering," *Proceedings of the American Society for Engineering Education Annual Conference*, Austin, TX, June, <http://soa.asee.org/paper/conference/paper-view.cfm?id=10094>

**Kirkwood, Patricia E.**, Michael Culbertson, Esther Crawford, "Rounding up the Collection: the Story of Trail Digital Content Collection," *Proceedings of the American Society for Engineering Education Annual Conference*, Austin, TX, June, <http://soa.asee.org/paper/conference/paper-view.cfm?id=10879>

**Lennertz Jetton, Lora** (Head, Performing Arts & Media). "Selecting and Using Technology for Student Training" *Technical Services Quarterly* 26.1 (2009): 21-35.

**McKee, Elizabeth Chadbourn** (Collection Development & Reference) and Anita Mysore. "Librarians and Educators in Partnerships: Instigating the Teachable Moment for Information Literacy in Core Education Courses" in Smallwood, Carol, editor. *Thinking Outside the Book: Essays for Innovative Librarians*, McFarland, 2008.

**McKee, Elizabeth Chadbourn** and **Mary Ada Walker** (Acquisitions Cataloging) “Librarians as Indexers: Taking the Arkansas Publications Index From State Periodical Index in Card Files to Online Database” in Smallwood, Carol, editor. *Thinking Outside the Book: Essays for Innovative Librarians*, McFarland, 2008.

**Nutt, Timothy G.** (Head of Archives and Rare Books, Special Collections). “Robert Lrod (Bob) Dorough (1923- )” *Encyclopedia of Arkansas History & Culture*.  
<http://www.encyclopediaofarkansas.net>.

**Nutt, Timothy G.** “Fred Thomas Jones (1877-1938).” *Encyclopedia of Arkansas History & Culture*. <http://www.encyclopediaofarkansas.net>.

**Nutt, Timothy G.** “Sesquicentennial Celebration (1986).” *Encyclopedia of Arkansas History & Culture*. <http://www.encyclopediaofarkansas.net>

**Salisbury, Luti** (Head, Chemistry & Biochemistry Library) and Carolyn Mills. “Analysis of BioOne Journal Collections: Their Quality, Indexing Coverage, and Scholarly Content.” *Journal of Agricultural & Food Information*, 10:2 (2008): 113-123.

**Stankus, Tony** (Life Science Librarian) “Are Least Publishable Unit Brief Communications Articles Still Appearing Sooner After Acceptance in this Era of E-Publishing Ahead of Print? Evidence from Three Bellwether Pairs of Life Science Journals that Feature Separate Editions for Full-Length & Letters Papers.” *The Serials Librarian* 57.1 (2009): 111-117.

**Stankus, Tony.** “Broilers.” *Journal of Agricultural & Food Information* 10.1 (2009): 8-16.

**Stankus, Tony.** “Turning Meat, Poultry, Eggs, and Dairy Products into Nutraceuticals through Increasing their Levels of Conjugated Linoleic Acids, Part Two: The Literature of Animal Nutrition Approaches Aimed at Increasing Conjugated Linoleic Acid Levels in Beef, Lamb, Goat, Pork, and Broilers as Part of a Valued-Added Functional Foods Strategy.” *Journal of Agricultural & Food Information* 10.2 (2009): 37-62.

**Stankus, Tony.** “Turning Meat, Poultry, Eggs and Dairy Products into Nutraceuticals through Increasing their Levels of Conjugated Linoleic Acids, Part Three. The Literature of Animal Nutrition Approaches to Increasing Conjugated Linoleic Acids in Eggs, Fluid Milk, Cheese, Yogurt & Butter as Part of Value-Added Functional Foods Strategy. (2008) *Journal of Agricultural & Food Information* 10.2 (2009): 124-148.

**Stankus, Tony.** “It’s Not Just a Matter of Taste: 19<sup>th</sup> Century Psychophysics & 21<sup>st</sup> Century Sensory Evaluation of Food & Beverages: A Brief Review with Illustrative Readings.” *Behavioral & Social Sciences Librarian* 27.3-4 (2008): 125-139.

**Worrell, Diane F.** (Special Collections). “Cora Elizabeth Pinkley-Call.” *Encyclopedia of Arkansas History and Culture*. <http://www.encyclopediaofarkansas.net>.

## **NON-REFEREED PUBLICATIONS:**

**Dillard, Tom W.** (Head, Special Collections). 48 weekly columns, “Remembering Arkansas,” *Arkansas Democrat-Gazette* (2008-2009).

**Dixon, Janet B.** (Maps & Reference). “Map Collection Management Discussion Group ALA MAGERT Annual Conference, Anaheim, June,” *Base Line—A Newsletter of the Map and Geography Round Table* 29.6 (December 2008): 12-14.

**Dong, Elaine and Tim Zou** (Access Services). “Library Consortia in China,” *LIBRES (Library and Information Science Research Electronic Journal)* 19:1 (March 2009): 1-10. Online paper available: <http://libres.curtin.edu.au/libres19n1/index.htm>

**Juhl, Beth** (Head, Web Services) Virgil.org. *Choice* 46.2 (October 2008): 295. [Web site review]

**Juhl, Beth.** *The World's Religions: Continuities and Transformations.* *Choice* 46.10 (June 2009): 1904. [Book review]

**Lutishoor Salisbury.** NSDL Annual Meeting: “Summary of the 2008 End-of Meeting Survey Results.” NSDL (with other members of the Planning Committee, Anne Diekema, Cathy Lowe, Lois McLean, and Sarah Hiersch). 2009.

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**Stankus, Tony** (Life Sciences Librarian). 58 articles posted 2008-2009 to *DBIO: The SLA BioMedical & Life Sciences Division Blog* (<http://sla-divisions.typepad.com/dbio>)

“The Caveman's Dental Records: What Fossil Teeth Tells Us About the Diets of Early Hominids, and What the Purpose of their Sometimes Impressive Fangs Might Be” (posted July 1, 2008); “Prostate Cancer and Benign Prostatic Hypertrophy: Active Surveillance of the Literature of Watchful Waiting” (posted July 03, 2008) ; “Combat-Induced PTSD and Blaming the VA : Controversies in the Reliability & Frequency of PTSD Diagnoses, & What the Vietnam Experience Tells Us About Correlations of PTSD with Actual Exposure to Combat and Rates of Malingering” (posted July 6, 2008); “[Alzheimer's Disease: A New Calcium Metabolism Dysfunction Gene & the Question of Genetic Tests for AD](#)” (posted July 7, 2008); “A New Kind of Flu Shot? Is a General Purpose DNA Flu Vaccine on its Way?” (posted July 8, 2008); “Hands: How Genetics, Gender, Evolution & Occupations Shape Them” (posted July 10, 2008); “Aphids” (posted July 11, 2008); “Limiting the Toll Of

Lupus and Treatments for Lupus on the Kidneys: New Insights into Systemic Lupus Erythematosus from Genetically-Altered Mouse Models & New Hope for Patients Through Off-Label Use of a Current Prescription Drug” (posted July 15, 2008); “What Happens to the Unconscious Brain Under Anesthesia During Surgery? Dreaming and Awareness with Recall” (posted July 17, 2008); “The Paradox of Extended Electronic Journal Archives: Having More Years of the Back Files of Journals in One’s Discipline & in Neighboring Fields Make Very Little Impression Under Today’s Means of Weighing Result Relevance by Search Engine Algorithms” (posted July 21, 2008); “Honeybee Colony Collapse Disorder” (posted July 22, 2008); “The Attraction Of The Special Libraries Association And Its Activities For College and University Science Librarians: It’s Greater Than The Number Of Those Who Are SLA Members Would Suggest” (posted July 29, 2008); “Is Proteomics Finally Hitting Its Stride?” (posted July 31, 2008); “Tryptophan: Much More Than Something in Turkey That Allegedly Makes You Sleepy After Thanksgiving Dinner” (posted August 14, 2008); “HIV/AIDS: Progress in Prevention As Reported in *The Lancet*.” (posted August 15, 2008); “H5N1: Update on Avian-to-Avian & Avian-to-Human Flu Transmission, Testing, Vaccines, Mortality Rates, Symptomatology, Hospitalization Rates” (posted August 19, 2008); “Are Annual Animal Migrations Becoming a Thing of the Past?” (posted August 20, 2008); “Are Conjugated Linoleic Acids the Next Omega-3 Fatty Acids? The Serious Promise and the Sometimes Over-the-Top Hype of an Over-the-Counter Supplement: CLA” (posted August 25, 2008); “Is Transgenic Introgression Automatically Transgression? Do Genetically Modified Crops Threaten Wild Species (or Ourselves) With Extinction?” (posted August 29, 2008); “Did Their Antisocial Personality Disordered Brains Make Them Do It? Stalkers Who Murder, Serial Killers, Sexual Sadists, and Healthcare Workers Who Kill: An Update on ASPD Diagnosis, Causes, Differentiation of Types, Functional MRIs & Voxel Studies” (posted September 05, 2008); “To Avoid Any Long-Term Cancer Risk From Taking Statins, Should You Stop and Die Surer and Sooner from Cardiovascular Disease? An Old Controversy Flaring Up Again Over the Most Successful Class of Heart Medicines in History” (posted September 12, 2008); “The Courage of ICU Nurses Who Must Save Patients From Themselves: The Controversy Over The Use of Physical and Chemical Restraints on Ordinarily Cognitively Competent & Nonterminal Adult Hospital Patients at Risk Of Pulling Out Their Respirator Tubes” (posted September 19, 2008); “Gastric Lap-Band Weight-Loss Surgery vs. Gastric Bypass Weight-Loss Surgery vs. a Rigorous, Medically Supervised Diet, Prescription Medicine, and Exercise Program for Long Term Weight Loss in the Chronically & Severely Adult Obese” (posted September 25, 2008); “Marion vs. Melamine: A Timely New Book by Professor Nestle of NYU That Spotlights Pet Food Contamination As An Early Warning Sign of Ongoing Problems in Human Food Adulteration” (posted October 02, 2008); “The 2008 Nobel Prizes in Medicine: In a Great Year for Virology in Particular, Would You Have Had The Journals They Needed?” (posted October 06, 2008); “That Other 2008 Nobel Prize in Medicine: This Year’s Chemistry Laureates Illuminate the BioMedical & Life Sciences on the Pages of Some of the Most Important Journals in Our Field” (posted October 23, 2008); “Halloween Biomedical Readings on Being Buried Alive; Attacked By A Vampire; Poisoned Or Internally Injured By Pin-Or-Razor-Blade Filled Candy” (posted October 29, 2008); “Statins Score a Major Success as a Preventive Prescription Even for Those Patients at Seemingly Low Risk of Heart Disease & Stroke, Excepting that They Have a High C-Reactive Protein Level: Confirming the Value of Statins While Spotlighting CRPs” (posted November 10, 2008);



“Evo-Devo: Evolutionary Developmental Biology Revives Links Between Comparative Anatomy and Genomics at the Point of Embryonic Development” (posted November 21, 2008); “The Wild Turkey: The Successful Rebound of America’s Historically Most Important Food & Game Bird” (posted November 24, 2008); “VAP: Ventilator-Associated or Ventilator Acquired Pneumonia: A Nosocomial Infection that Challenges Doctors, Nurses & Respiratory Technicians in Hospitals & Long-term Care Facilities” posted November 26, 2008.); “Vitamin D & Sunlight: Does ‘Insufficient’ UVB Ray Exposure Put You at Risk of Vitamin D Deficiency? Not Likely, But Less UVB Exposure Might Just Save You From Skin Cancer While Over-the-Counter Supplements Dill Any Gap” (posted December 3, 2008); “Good Things Come in Small Packages: Custom-Designed Nanoparticles in Drug Delivery and Medical Imaging Contrast Media.” (posted December 5, 2008); “The Herrings: The Biology of a Family of Vitamin-Rich, High-Protein Fish, with Ample Supplies of Heart-Healthy Omega-3 Fatty Acids. They Have Been Successfully Fished for Centuries & With Care, Can Be Sustainably Harvested for Centuries More” (posted December 15, 2008); “A Brilliant Overview of Post-9/11 Psychiatric & Psychological Studies by Jackie Mardikian, AHIP, A Medical Librarian Who Lost Her Son in the World Trade Center Attacks.” (posted December 16, 2008); “Could Persistent Nasal Misery Be Relieved By a MIST? Chronic Rhinosinusitis and Minimally Invasive Sinus Technique” (posted December 19, 2008); “Cellular Reprogramming: The Extraordinary Potential of Transplanting Stem Cells Produced by Oocyte Stem Cell Factories Whose Own Nuclei Have Been Removed and Replaced by Specialized Adult Cellular Nuclei” (posted January 5, 2009); “Functional Food Health Advertising: Is Everything that Is Claimed to Be Bioactive or an Antioxidant Essential in Great Quantities or from Specific Food Types? Plant-Based Sources Are Abundant But Few Firm Conclusions on the Validity of Nutrigenomics”(posted January 8, 2009); “Is Fear Of Being Attacked In The Animal Kingdom Inherited Or Learned? If Forgotten, Can It Be Re-Learned? Joel Berger’s Book, ‘The Better To Eat You With’ Offers Some Clues” (posted January 12, 2009); “The Observed Psychosocial & Psychopharmacological Commonalities Between Schizophrenia & Bipolar Disorder Seem More Than Just A Coincidence: Can We Now Add A Common Genetic Basis?” (posted January 23, 2009); “It’s Surely Not The Bumps On Your Head; But Differences In Cortical Corrugation Certainly Appear To Be Connected With Autism Spectrum Disorders & Possibly With Higher Intellectual Functioning” (posted February 3, 2009); “Will Global Warming & Increased CO2 Increase Crop Yields?” (posted February 4, 2009); “Ants, Social Caterpillars, Traffic Jams that Don’t Happen, Audrey Dussutour, Jean-Henri Fabre, & the Continuing Fascination of Insect Behavior” (posted February 6, 2009); “Does The Long-Term Use Of Proton Pump Inhibitors Like Omeprazole (Prilosec™), Lansoprazole (Prevacid™) Or Esomeprazole (Nexium™) Predispose Patients To *Clostridium difficile* Infections? What About Patient Quality Of Life?” (posted February 9, 2009); “The Origins of Darwin’s Success, His Penchant for Writing Books & the Question of Inheriting Genius & Passing It on to Descendants” (posted February 17, 2009); “Viral Oncolysis or Oncolytic Virotherapy: Viruses Modified to Attack Tumors” (posted February 19, 2009); “The Evolutionary Psychology of Women’s Preferences for Differing Types of Men at Different Times of Their Reproductive Cycles & Men’s Responses To Them” (posted February 23, 2009); “The Evolution of Human Walking: How Monkeys, Apes, Hairiness, Hunting, Toe-Length & Muddy Footprints Helps Us Understand Why We Do It the Way We Do It.” (posted February 27, 2009); “The Biology & Medicine of President Obama’s Graying Hair—

and Ours as Well” (posted March 5, 2009); “What is Regenerative Medicine? And What Will an Easing Of Restrictions on Embryonic Stem Cell Research Mean for this Field? (posted March 10, 2009); “House Cats as Killers of Vermin and Wildlife. (posted March 26, 2009); “The Sand Fly & Leishmaniasis: Is an Unfamiliar Insect Vector & a Neglected Infectious Disease Coming to a Home Near You with a Returning Veteran, Recent Immigrant, or Vacationing World Traveler?” (posted March 30, 2009); “A Big Stimulus to Health Informatics That May Have Some Cart-Before-the-Horse Problems & Potential for Creating More Nationwide Guidelines to What Medical Practices & Procedures Will Be Allowed or be Reimbursable” (posted April 01, 2009); “Prion Proteins: How Studies of Yeast Help us Understand the Assembly Line Manufacturing of Beta-folding Amyloid Plaques Strongly Associated with Alzheimer’s Disease in Humans” (posted April 07, 2009); “Accidental Falls & Fall Prevention: A Brief Overview of Factors Inspired by an Excellent Presentation by Nurses from the Veterans Health Care System of the Ozarks in Fayetteville, Arkansas” (posted April 8, 2009); “Do Snake Venoms Evolve According to the Prey They Are Intended to Kill, Or Do Snakes Just Dial Up the Dosage or Concentration of Whatever Venom They Have to the Size of the Prey in their Sights?” (posted April 24, 2009); “Autistic Toddlers and Young Children: Are their Deficits in Interpreting the Ordinary Human Emotions of Others Tied In with Underlying Deficits in Paying Preferential Attention to Ordinary Human Motion in General?” (posted April 30, 2009); “H1N1 2009: The Swine Flu is Not About the Pigs. It’s About Viral Recombination Possible in Many Animals Including Man, and Can Be Combated with Sensible Precautions & Good Science” (posted May 13, 2009); “Lowering Triglycerides: Dieting, Exercise, Niacin, Statins, Fibrates, Nuts & Fish” (posted May 22, 2009).

**Worrell, Diane F.** “Arkansas Democrat Oral History Project Completed.” *Southwestern Archivist* 32.1 (2009): 29.

**Worrell, Diane F.** “Arkansas Newspaper War Documented in New Project,” *Dialogue: The Newsletter of the Oral History Section, Society of American Archivists* 5.1 (2009): 9-10.

**Worrell, Diane F.** “Mysteries, Mistresses & Murder: Archives Month Festivities.” *Southwestern Archivist* 32.1 (2009):18.

**Worrell, Diane F.** “Papers of Architect Fay Jones Opened for Research.” *Southwestern Archivist* 32.2 (2009): 20.

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**Worrell, Diane F.** “Special Collections Develops Local History Book.” *Southwestern Archivist* 31.3 (2008): 43.

**Zou, Tim J.** (co-author). Executive Report of STARS International ILL 2007 Survey <http://www.ala.org/ala/mgrps/divs/rusa/sections/stars/section/internationalill/ILLReportExecSummary.pdf>

## **ABSTRACTS:**

**Jones, Phillip** (Interim Head, Fine Arts). Abstracts of five articles from *Arkansas Historical Quarterly* 66.3 (Autumn 2007), six articles from *Arkansas Historical Quarterly* 66.4 (Winter 2007), four articles from *Arkansas Historical Quarterly* 67.1 (Spring 2008), and four articles from *Arkansas Historical Quarterly* 67.2 (Summer 2008), in *America: History and Life* database.

## **PRESENTATIONS:**

**Dixon, Janet B.** and **Lora Lennertz-Jetton**, Anne Marie Candido, and Molly Boyd. "Packaging Your Resources to Go? Meet Hogworthy, The Research Paper Wizard." Poster presentation at Association of College and Research Libraries (ACRL) Conference, Seattle, March.

**Dillard, Tom.** "Going Beyond the Arkansas Traveler: Some Thoughts on Arkansas Transportation History," Discovery Lecture, Arkansas Tech University, September 28, 2008; "Arkansas Civil War Infrastructure," Civil War Roundtable of Arkansas, October 28, 2008, Little Rock; "Conducting Oral History Interviews," to Prof. Steve Sheppard's legal history class, School of Law, February 9, 2009; "African American Entrepreneurial History in Arkansas," to Prof. Barbara A. Lofton's class in the Walton College of Business, March 11, 2009; "Civilian Life Before & During the Battle of Pea Ridge," Pea Ridge National Military Park, June 13, 2009, Garfield, Arkansas; "Arkansas Civil War Infrastructure," Civil War Roundtable of Northwest Arkansas, June 25, Springdale.

**Jones, Phillip** and **Lora Lennertz Jetton** (Head, Performing Arts & Media). "Consolidation of Public Service Desks—Signature Blend or Strange Brew?" Discussion led at the Association of College and Research Libraries Fourteenth National Conference, Seattle, Washington, March 14.

**McKee, Elizabeth.** "Announcing the CUARL Arkansas Education Portal" Arkansas Library Association, Rogers, October 6.

**Elizabeth McKee** and Jan Dickinson (UAFS). "The Council of University Arkansas Research Libraries, CUARL, and Outreach to K-12 Education," Arkansas Association of Instructional Media, School Media Specialists annual conference, Rogers, April 19.

**McKee, Elizabeth.** "Native American Children's Books Award Winners and Information Sources," Native American Education Symposium book panel, Fayetteville, November 6.

**Nutt, Timothy G.** "Perry County War of 1881," Perry County Historical & Genealogical Society, Perryville, AR, November 11; Co-Presenter with Diane F. Worrell, "Charting Change: Creating an Archival Five-Year Strategic Plan at the University of Arkansas Libraries," Society of Southwest Archivists Annual Conference, Shreveport, LA, May 21; "The Fourche La Fave River and Its Influence on Perry County," Perry County Historical & Genealogical Society, Perryville, AR, May 12.

**Megan Perez.** (Librarian in Residence). Keynote Speaker. "Practicing Proficiency: The Past, Present, and Future of Residency Programs." National Diversity in Libraries Conference (NDLC), Lexington, KY, October 4.

**Salisbury, Lutishoor.** "Bibliometric Study of the Literature relating to NSDL." Paper presented at the NSDL Partners meeting Lightning Talk session, Washington, D.C., October 1, 2008 (prepared with Jeremy Smith)

**Salisbury, Lutishoor.** "The Impact of BioOne Journals." Paper presented at the Charleston Conference, November 7, 2008, Charleston, SC. (co-authored with Carolyn Mills).

**Salisbury, Lutishoor.** "A Study of Faculty Publishing and Citation Patterns." Paper presented at the Charleston Conference, Charleston, SC, November 6, 2008.

**Salisbury, Lutishoor.** "Use of Citation Analysis to Build Research Collections." Paper presented at Arkansas Libraries Association Conference, Springdale, October 6, 2008.

**Salisbury, Lutishoor.** "Co-existing with Google." Five-minute presentation made at the University of Arkansas Faculty Teaching Camp, July 16, 2008.

**Worrell, Diane F.** "Charting Change: Creating an Archival Five-Year Plan," Co-presenter with Timothy G. Nutt. Society of Southwest Archivists Annual Conference, Shreveport, Louisiana, May 20-23, 2009.

Zhou, Wenjie Zhou and **Tim J. Zou.** "A School-Library-Centered Community Information Resource Sharing Model and Its Impact on Cultural Life of Rural Communities in China." 2008 IFLA, Quebec, Canada, August 12, 2008.

#### **GRANTS/FELLOWSHIP AWARDED:**

**Lutishoor Salisbury.** BioOne grant to partially fund attendance and presentation at the 8<sup>th</sup> BioOne Publishers and Partners Meeting, Washington, D.C., April 17. \$500.00.

**Megan Perez.** Writer and Project Manager. "Diversity Enhancement Collection Grant" (DCEG), an \$8,000 monograph acquisition award sponsored by the Office for Diversity and the Office of the Provost.

#### **POSITIONS HELD:**

**Tom W. Dillard.** Editor-in-Chief, *Encyclopedia of Arkansas History & Culture*.

**Necia Parker-Gibson.** Managing Editor, *Behavioral & Social Sciences Librarian* (journal) through December 2008.

**Patricia Kirkwood.** *Knovel Library* Advisory Board, 2008 – .

**Timothy G. Nutt.** Editor, *Flashback*, Washington County Historical Society, 4 issues.

**Tony Stankus.** Director, BioMedical & Life Sciences Division, 2008-2009; Project Leader, the DBIO Top 100 Journals Poll, a part of the division's official observation of the centennial (2008-2009).

**Juana R. Young** (Associate Dean). Editorial Board, *Clues: A Journal of Detection*.