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BUMPERS COLLEGE OF AGRICULTURE, 
FOOD AND LIFE SCIENCES

BOOKS:

PLANT PATHOLOGY


POULTRY SCIENCE


BOOK CHAPTERS:

AGRICULTURE, ECONOMICS & AGROBUSINESS


ANIMAL SCIENCE


BIological AND AGRICULTURAL ENGINEERING


ENTOMOLOGY


**FOOD SCIENCE**


**HORTICULTURE**


**HUMAN ENVIRONMENTAL SCIENCES**


**PLANT PATHOLOGY**


POULTRY SCIENCE


REFEREED ARTICLES:

AGRICULTURE, ECONOMICS & AGribusiness


AGRICULTURAL AND EXTENSION EDUCATION


AGRICULTURAL STATISTICS LABORATORY


ANIMAL SCIENCE


**BIOLOGICAL AND AGRICULTURAL ENGINEERING**


Pirani, A.L., K.R. Brye, B.E. Haggard, T. C. Daniel, and J.D. Mattice. 2007. “Broiler litter rate effects on nutrient leaching from soil under pasture vegetation in the Ozark Highlands”. *Soil Science* 172(12): 1001-1018 [Note:The volume, number and pages were not available to me until 2008]


ENTOMOLOGY


**HORTICULTURE**


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. (peer-reviewed).


**HUMAN ENVIRONMENTAL SCIENCES**


**PLANT PATHOLOGY**

Abbas, H.K., Shier, W.T., and **Cartwright, R.D.** 2008. Effect of temperature, rainfall and planting date on aflatoxin and fumonisin contamination in commercial Bt and non-Bt corn hybrids in Arkansas. *Phytoprotection* 88:41-50. (Not included in the 2007 FSR as I was not notified until early 2008 of publication).


Irish, B. M., Correll, J. C., Feng, C., Bentley, T., and de los Reyes, B. G. 2008. Characterization of a resistance locus (Pfs-1) to the spinach downy mildew pathogen (Peronospora farinose f. sp. spinaciae) and the development of a molecular marker linked to Pfs-1. Phytopathology 98:98:894-900.


Sayler, R. J., V. Dutta, and A. Huff were the primary contributors to this paper. 2008. V. Dutta was responsible for tissue collection and bench work in this experiment as well as for writing the initial draft of the manuscript. A.G.R. Huff designed the treatment layouts and sample collection. Responsible for designing the DNA extraction technique, designing and troubleshooting the real-time PCR assays and training V. Dutta in these techniques.


**POULTRY SCIENCE**


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**UN-REFEREED PUBLICATIONS AND PROCEEDINGS:**

**AGRICULTURAL STATISTICS LABORATORY**


**ANIMAL SCIENCE**


Relative to Teaching: February 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Neil Allison, Cheryl Murphy, and Charles Rosenkrans, Jr.

Relative to Teaching: March 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Neil Allison, Cheryl Murphy, and Charles Rosenkrans, Jr. I wrote the feature article “Tips From U of A Faculty”.

Relative to Teaching: April 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Neil Allison, Cheryl Murphy, and Charles Rosenkrans, Jr. I wrote the feature article “…and Finish Strong!”.

Relative to Teaching: September 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Cheryl Murphy, Janine Parry, and Charles Rosenkrans, Jr.

Relative to Teaching: October 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Cheryl Murphy, Janine Parry, and Charles Rosenkrans, Jr.

Relative to Teaching: November/December 2008. Wally Cordes Teaching and Faculty Support Center, University of Arkansas. Editors: Cheryl Murphy, Janine Parry, and Charles Rosenkrans, Jr.


**CROP, SOIL, AND ENVIRONMENTAL SCIENCES**


**ENTOMOLOGY**


Johnson, D. 2008. Control and survey of aerial and root grape phylloxera on grape cultivars and rootstocks in the Ozark Mountain Region. Progress Report to Missouri Wine and Grape Board.


Johnson, D. 2008. Efficacy of dormant oil sprays against foliar grape phylloxera. Report to the John Innes Centre -Department of Disease and Stress Biology, Norwich, United Kingdom.


FOOD SCIENCE


UNIVERSITY OF ARKANSAS PUBLICATIONS:


HORTICULTURE


Lowe, J., K.W. Pomper, S.B. Crabtree, J.R. Clark, and J.G. Strang. 2008. Fall field characteristics of primocane fruiting blackberries from the University of Arkansas breeding program grown in Kentucky. HortScience 43:608. (abstr.)


Pomper, K., J. Lowe, S. Crabtree, J.R. Clark, and J. Strang. Flowering and yield characteristics of primocane fruiting blackberries from the University of Arkansas breeding program grown in Kentucky. HortScience 43:1188. (abstr.)


PLANT PATHOLOGY


POULTRY SCIENCE


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).


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.


INVITED LECTURES:

AGRICULTURAL AND EXTENSION EDUCATION


ENTOMOLOGY


**FOOD SCIENCE**


HORTICULTURE


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


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.


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


PLANT PATHOLOGY


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)


Coon, C. 2008. Corn and co-products used in poultry formulations. International Feed and Marketing Program, Kansas State University, Manhatten, KS. May 1. Invited

Coon, C. 2008. Formulating broiler diets in Russia. International Feed and Marketing Program, Kansas State University, Manhatten, KS. May 2. Invited


HUMAN ENVIRONMENTAL SCIENCES


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.


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.


**PLANT PATHOLOGY**


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. 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.


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

**AGRICULTURAL AND EXTENSION EDUCATION**


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

**AGRICULTURE STATISTICS LABORATORY**


**ANIMAL SCIENCE**


Killion, A., D. Philipp, K. Coffey, L. Hardin, and J. Caldwell. 2008a. Effects of lactic acid/lactobacillus product and bale moisture on voluntary intake and digestibility of bermudagrass hay by lambs, and in situ digestibility by cannulated heifers. ASA Annual Meetings, Houston, TX.

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.


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


BIOLOGICAL AND AGRICULTURAL ENGINEERING


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)


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.


CROP, SOIL AND ENVIRONMENTAL SCIENCES

POSTERS:


**RESEARCH SERIES/BULLETINS:**


**ENTOMOLOGY**


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., B. Lewis and S. Sleezer. 2008. Control and survey of aerial and root grape phylloxera on grape cultivars and rootstocks in the Ozark mountain region. Presentation to Missouri Wine and Grape Board.


McLeod, P. 2008. Cowpea insect research at the University of Arkansas. Cowpea Field Day, University of Arkansas, Vegetable Station, Kibler.


McLeod, P. 2008. Use of seed treatments for management of insects in vegetable crops. Center of Tropical Agriculture Investigation, Santa Cruz, Bolivia.


FOOD SCIENCE

INDUSTRY OR EXTENSION MEETINGS:


**Siebenmorgen, T.J. et.al. 2008.** Rice Processing Program Industry Alliance Meeting. Fayetteville, AR. May 21-22.

**PRESENTATIONS AND ABSTRACTS:**


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.


Min, X., **Y.-J. Wang, and P. Chen.** 2008. Temporal changes in chemical compositions during soybean seed development. IFT Annual Meeting. New Orleans, LA.


PRESENTATIONS:


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.


**PATENTS AND PATENT DISCLOSURES:**


**Hettiarachchy, N.S.,** A. Kannan. 2007. Rice bran enzymatic hydrolysates as health-promoting agents.


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


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.


**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.


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


**FOOD SCIENCE**


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.


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. Advised colleagues from other Universities on viticulture and enology research issues.


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


HORTICULTURE

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


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.”


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.


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 soybean seedling 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. CAPS committee member-Introduced/invasive pest surveys/publication.


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.


**POULTRY**


**Bramwell, R. K.** - Breeder feed supplement research meeting with Alltech personnel, Fayetteville, AR, April 1, 2008.


**Owens, C.**, Textbook for the area of poultry processing and products.


SCHOOL OF ARCHITECTURE

BOOKS PUBLISHED:


REFEREED ARTICLES AND PROCEEDINGS:


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)


Broome, Beth, “The L-Stack House bridges city, nature and home,” Architectural Record (July 2008): 170 - 173 (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:


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.


**INVITED LECTURES**

Blackwell, Marlon

**Academic Lectures**
Virginia Tech University, Blacksburg, Virginia, Apr 2009  
Taliesin School of Architecture, Scottsdale, Arizona, Mar 2009  
MIT, Cambridge, Massachussets, Mar 2008  
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  
Rennsaelear Polytechnic Institute, 2nd year final reviews, December 2008

**Invited Visiting Professorships**
Ivan Smith Distinguished Professor, University of Florida (Spring 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.


Smith, Carl, New Urbanism: Old Landscape Story, 23rd 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, 29th 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, “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.


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.

REFEREED SCHOLARLY PAPER PRESENTATIONS:


Sexton, Kim S., “Framing Heteroptopic Space: Late Medieval Loggia and Image”, College Art Association, Los Angeles, CA, February 26, 2009


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*  


- 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.


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 12th 2008 – *Five News* (local CBS Affiliate), television montage;

December 12th 2008 – *40/29 KHOG Local News*, television report and interview;

December 13th 2008 – *KUAF 91.3*, radio interview for *Ozarks at Large*;


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.

Artwork entitled: Aurora’s First Arrival” included in the Arkansas Artists Calendar, 84 selected from over 320 entries, Fall 2008.

Vitali, David,


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.


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. Wrighthsman. 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.
BOOKS:


CHAPTERS:


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, Hyderabad, India.


**REFEREED ARTICLES:**


Cothren, J. C. Goodmaster, A. Barnes, E. Ernenwein, A. Vranich, W.F. Limp, A. Payne

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.


**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).


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 Final Report of Geophysical Surveys at the Kimball Site (13PM4). To be submitted to the Office of the State Archaeologist, Iowa City (June 2009).


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. 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.


Casana, Jesse. “CORONA Archaeological Atlas of the Middle East” Computer Applications and Quantitative Methods in Archaeology Conference Williamsburg, VA (March 2009)


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


Erickson, Kirstin C. "Race Relations in Latin America: Perspectives from Mexico, Brazil, Belize." Presentation given to Belize service-learning class, April 2009.


**Rose, Jerome C.** 2008 Paleopathology of the commoners at the New Kingdom site of Tell Amarna, Egypt. (Invited) The 2nd 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.

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**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.


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

**Brubaker, Robert P.** *Putting up Barriers: Constructing Walls and Social Differences at Vijayanagara, South India.* 74th 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.** “Settlement history and urban planning at Zincirli Hoyuk, Turkey,” *Society for American Archaeology Annual Meeting* Vancouver, BC (March 2008)


**Copeland, Nick.** “Indigenous Politics in the Neoliberal Guatemala” Faculty Colloquium, Department of Anthropology, University of Arkansas. 2008


**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.


Rose, Jerry. Amarna Excavations and Bioarchaeology, Osher Institute, U of A Continuing Education, 9 September 2008


OTHER CREATIVE ACTIVITY:


D’Alisera, JoAnn. Honors Advisor, Department of Anthropology, University of Arkansas, 2008-present.

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.


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 “Training Workshop in ArcGIS,” Workshop held at Missouri State University, Springfield, 12 students for 3 days, July 2008.


Kvamme, Kenneth. Program Reviewer, International Society for Archaeological Prospection (ISAP) (for September conference)


Kvamme, Kenneth. Webmaster, for Department of Anthropology Website; consulted in development of new website.

Kvamme, Kenneth. Alternate, Anthropology Department personnel committee.


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. 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. 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. Background interview with Frank Bures for an article on the taqwacore (Islamic punk) scene (“Mosque Pit,” *Mother Jones*, Jan/Feb. 2009)


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. I continue to blog (Hawblawg) on Middle East and cultural affairs: swedenburg.blogspot.com.


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.


ART

REFEREED ARTICLES/PAPERS:


Unrefereed Publications and Proceedings


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:


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

Musgnug, Kristin

Nelson, Marilyn:

Newman, John:

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:
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


CHAPTERS:

BEAUPRE, Steven


REFEREED PUBLICATIONS:

BEAUPRE, Steven


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


ETGES, William


EVANS-WHITE, Michelle

GENTRY, Johnnie


HENRY, Ralph


KRAL, Timothy


KREMENTZ, David


LEHMANN, Michael


LESSNER, Daniel


MAGOULICK, Daniel


**SILBERMAN, Jeffrey**


**SPIEGEL, Frederick**


**STEPHENSON, Steven**


**WALKER, James**


**PATENTS:**

In Review at U.S. PTO:

**INVENTION DISCLOSURES:**


**SMITH, Kimberly**


**CHEMISTRY and BIOCHEMISTRY**

**CHAPTERS:**


**REFEREED ARTICLES:**


*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.

Beng, Timothy; Yousaf, Tahir I.; Coldham, Iain; Gawley, Robert E. Enantiomerization Dynamics and a Catalytic Dynamic Resolution of N-Trimethylallyl-2-lithiopyrrolidine. Journal of the American Chemical Society (2009), 131(20), 6908-6909.


Greathouse, Denise V; Vostrikov Vitaly V; McClellan, Nicole N; Chipollini, Juan J; Lay, Jack J; Livanage, Rohana R; Ladd, Taylor T. Lipid interactions of acylated tryptophan-methylated lactoferricin peptides by solid-state NMR. J Pept Sci (2008), 14(10), 1103-10.

Chattopadhyay, Amitabha; Rawat, Satinder S.; Greathouse, Denise V.; Kelkar, Devaki A.; Koepp, Roger E., II. Role of tryptophan residues in gramicidin channel organization and function. Biophysical Journal (2008), 95(1), 166-175.


Lall, R.; A Proctor, V. Jan, and Lay, J.O., Conjugated Linoleic Acid-Rich Oil Triacylglycerol Identification, J. Agricultural and Food Chemistry (2009), 57, accepted.


**Marty, Naomi J.; Rajalingam, Dakshinamurthy; Kight, Alicia D.; Lewis, Nathaniel E.; Foloage, Daniel; Kumar, Thallapuranam Krishnaswamy Suresh; Henry, Ralph L.; Goforth, Robyn L.** The Membrane-binding Motif of the Chloroplast Signal Recognition Particle Receptor (cpFtsY) Regulates GTPase Activity. Journal of Biological Chemistry (2009), 284(22), 14891-14903.

**Millett, F.; Brand, Sue E.; Rajagukguk, Sany**; Ganesan, Krithika; Geren, Lois; Fabian, Marian; Han, Dan; Gennis, Robert B.; Durham, Bill; Ferguson-Miller, Shelagh; Mills, Denise A. Rapid kinetic studies of electron transfer in cytochrome oxidase. Biochimica et Biophysica Acta (2008), 1777, Supplement 1, S109.

Blackman, Bridgette; Battaglia, David; **Peng, Xiaogang.** Bright and Water-Soluble Near IR-Emitting CdSe/CdTe/ZnSe Type-II/Type-I Nanocrystals, Tuning the Efficiency and Stability by Growth. Chemistry of Materials (2008), 20(15), 847-8485.


Gan, Chenli; Zhang, Yanpeng; Battaglia, David; **Peng, Xiaogang;** Xiao, Min. Fluorescence Lifetime of Mn-doped ZnSe Quantum Dots with Size Dependence. Applied Physics Letters (2008), 92(24), 241111/1-241111/3.


Zhang, Yanpeng; Gan, Chenli; Muhammad, Javed; Battaglia, David; **Peng, Xiaogang;** Xiao, Min. Enhanced Fluorescence Intermittency in Mn-Doped Single ZnSe Quantum Dots. Journal of Physical Chemistry C (2008), 112(51), 20200-20205.

**Philominathan, Sagaya Theresa Leena;** Koide, Takaki; Hamada, Kentaro; Yasui, Kiroyuki; Seifert, Soenke; Matsushita, Osamu; **Sakon, Joshua.** Unidirectional Binding of Clostridial Collagenase to Triple Helical Substrates. Journal of Biological Chemistry (2009), 284(16), 10868-10876.

**Philominathan, Sagaya Theresa Leena;** Matsushita, Osamu; Jordan, John Brad; **Sakon, Joshua.** 1H, 13C and 15N Resonance Assignments of Ca2+ Bound Collagen-binding Domain Derived from a Clostridial Collagenase. Biomolecular NMR Assignments (2008), 2(2), 127-129.

Qi, W.; McIntosh, M.C. Toward the synthesis of antascomicin B. Synthesis of a model of the C22-C34 fragment via Ireland-Claisen and allylic diazene rearrangements. Tetrahedron (2008), 64(29), 7021-7025.


Sikora, Bartek; Chen, Yingfeng; Lichti, Cheryl F.; Harrison, Melody K.; Jennings, Thomas A.; Tang, Yong; Tackett, Alan J.; Jordan, John B.; Sakon, Joshua; Cameron, Craig E.; Raney, Kevin D. Hepatitis C Virus NS3 Helicase Forms Oligometric Structures that Exhibit Optimal DNA unwinding activity in vitro. Journal of Biological Chemistry (2008), 283(17), 11516-11525.


Trigo-Rodriguez, Josep ML; Llorca, Jordi; Rubin, Alan E.; Grossman, Jeffrey N.; Sears, Derek W. G.; Naranjo, Mateo; Bretzius, Stacy; Tapia, Mar; Guarin Seulveda, Marino H. The Cali meteorite fall: a new H/L ordinary chondrite. Meteoritics & Planetary Science (2009), 44(2), 211-220.


Sun, Haiyan; Greathouse, Denise V.; Andersen, Olaf S.; Keppe, Roger E., II. The Preference of Tryptophan for Membrane Interfaces: Insights from N-methylation of tryptophans in Gramicidin Channels. Journal of Biological Chemistry (2008), 283(32), 22233-22243.


Tian, Z.R. Nanotechnology for improving bone implants. BONEZone (2008), 7(10), 78-80.


UNREFEREED PUBLICATIONS AND PROCEEDINGS:


INVITED PRESENTATIONS:

McIntosh, M., 14th Annual Cottrell Scholars Conference, July 10-12, 2008, Tucson, Arizona.


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” 30th Annual Meeting of the American Society in Bone and Mineral Research, September 13, 2008, Montreal, Canada.


Gawley, R. E.; Aube, J.; Reiser, O.; James, P. “EUCHEMUSA: The Transatlantic Dual BS Degree in Chemistry” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Fritsch, I. “Manipulating Fluid Flow on a Chip through Redox Magnetohydrodynamic Induced Convection” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas (Invited Talk)

Gawley, B. “Transatlantic Dual Bachelor of Science Degree in Chemistry” 64th 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” 64th 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” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Wilkins, C. “Phospholipid Analysis in Genetically Modified Yeast by Fourier Transform Mass Spectrometry” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas


Gidden, J. “Differentiation of Bacteria using Lipid Profiles from MALDI-MS” 64th 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” 64th 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” 64th 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” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Eddings, D. “Towards the Synthesis of the C22-C34 Fragment of Antascomicin B” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas
Farris, R. “Optical Sensor for the Paralytic Shellfish Toxins” 64th 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” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Marutharaj, T. “Dinuclear Ruthenium (II) Diphen Complex of HAT” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Mazzanti, C. “Experimental Solvation of KCl and NaCl in N-methylacetamide” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Shrestha, M. “New Applications of the Allylic Diazene Rearrangements” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Vostrikov, V. “Solid-State NMR Approaches to Transmembrane Peptide Tilt” 64th 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” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas


Hooten, C. “Investigations of an Immunoassay-Compatible Species for Pumping with Magnetohydrodynamic Force” 64th Southwest Regional ACS Meeting, October 1-4, 2008, Little Rock, Arkansas

Ritter, M. “Microdialysis Sampling for Localized Delivery of Immune Modulators” 64th 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” 64th 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” 64th 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” 64th 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-π 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-π Interactions” Conference on Current Trends in Computation Chemistry, October 31 to November 1, 2008, Jackson, Mississippi


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


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

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


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


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


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


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


Sakon, J. “Molecular Description of PTH-CBD.” Amgen, March 2, 2009, Thousand Oaks, CA

OTHER LECTURES, PAPERS AND ORAL PRESENTATIONS:


“Structural and Functional Role of Proline Residues in Fibroblast Growth Factor-1” Isabelle Huber, Rajalingam Dakshinamurthy, T.K.S. Kumar. 53rd 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. 53rd 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 Yu1, Troy W. Whitfield2, Sergei Yu. Noskov3, Christopher L. Mazzanti4, Roger E. Koeppe II4, Olaf S. Andersen5, Benoit Roux1,2. 1Department of Chemistry, and Molecular Biology, University of Chicago, 2Biosciences, Division, Argonne National Laboratory, Argonne, 3Institute for Biocomplexity, and Informatics, Department of Biological Sciences, University of Calgary, 4Department 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. Ingolfsson1, Vitaly V. Vostrikov3, Hong Gu3, Roger E. Koeppe, II3, James F. Hinton3, Benoit Roux4, Toby W. Allen5, Olaf S. Andersen1. Weill Medical College of Cornell University, 2 Tri-Institutional Training Program in Computational Biology and Medicine, New York, 4 University of Chicago, 5 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. Collingwood1, Olaf S. Andersen1, Faith Hurd2, Denise V. Greathouse2. 1 Weill Medical College of Cornell University.


“The Insulin-sensitizers Troglitazone and Rosiglitazone Alter Lipid Bilayer Properties” Radda Rusinova1, Roger E. Koeppe II2, Olaf S. Andersen1. 1Weill Medical College of Cornell University.

“Poster NSAIDs Alter Lipid Bilayer Mechanical Properties,” Subhi J. Al’Aref4, Olaf S. Andersen1, Roger E. Koeppe II3. 1 Weill Cornell Medical College, 2NewYork 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.” PITTCON (60th 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.” PITTCON (60th Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy), March 8-13, 2009, Chicago, IL

Maha Shrestha presented “New Applications of Allylic Diazene Rearrangement (ADR).” 237th American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT


Silvana S. Dormi presented “Towards the Synthesis of Sclerophytin A.” 237th American Chemical Society Annual Meeting, March 22-26, 2009, Salt Lake City, UT

David Clay presented “Toward the Total Synthesis of Antascomicin B via an Ireland Claisen (CR) and Allylic Diazene (ADR) Rearrangement Sequence.” 237th 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.” 237th 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.” 36th 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?” 19th Lakeland Hetercyclic 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.” 57th 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.” 57th ASMS Conference, May 31-June 4, 2009, Philadelphia, PA


Sasa Miladinovic presented “Fragmentation of Random and Block Plyacrylate Copolymers by SORI-CID, Q-CID, and ECD FTMS.” 7th North American FTMS Conference, April, 2009, Key West, FL

COMMUNICATION

BOOKS:


BOOK CHAPTERS:


JOURNAL ARTICLES:


OTHER PUBLICATIONS:


CONVENTION, CONFERENCE AND INVITED PRESENTATIONS:


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.


**DRAMA**

**REFEREED ARTICLES AND PRESENTATIONS:**


**ENGLISH**

**BOOKS:**


**CHAPTERS:**


**REFEREED SCHOLARLY AND CREATIVE PUBLICATIONS:**


INVITED, REPRINTED AND UN-REFEREED PUBLICATIONS:


"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).


FOREIGN LANGUAGES

BOOKS:


CHAPTERS IN BOOKS:


**REFEREED ARTICLES:**


**REPRINTED ARTICLE:**


**INVITED LECTURES:**


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.)


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


Billings, Sabrina. “Speaking Beauties: Language use & ideologies in Tanzanian beauty pageants.” Paper accepted for presentation at 14th Conference of the International Association for World Englishes, Hong Kong Dec. 08


Levine, Daniel. "Hephaistos' Winged Shoes and the Birth of Athena" Classical Association of the Middle West and South, Minneapolis MN (April 3).

Levine, Daniel. "Take Off Your Shoes and Pray a While: Greek Religious Attitudes Towards Bare-footedness" Classical Association of the Middle West and South, Southern Section: Asheville NC. (November 13).


Pritchett, Kay. “No escribir: Brevity Is the Key” (Kentucky Foreign Language Conference, Lexington, KY, April 2009).

Restrepo, Luis Fernando. “Los muiscas y el malestar del multiculturalismo colombiano. Reflexiones en torno a las novelas Fomagata de Joaquin Piñeros Corpas y Los hijos del agua de Susana Henao” (Kentucky Foreign language Conference. Lexington, KY, April 16, 2009).


Villalobos-Ruminott, Sergio. “Marxismo y destruccion” (International Conference on Marx, Santiago De Chile, November 2008).

Villalobos-Ruminott, Sergio. “Literature and Onto-Theology in Extremoccidente” (American Comparative Literature Association, Harvard University, March 2009).

Villalobos-Ruminott, Sergio. “Bicentenary and Republicanism in Latin America” (Global Humanities: Critical Agendas from the Global South, Brown University, May-June 2009).

**BOOK REVIEWS:**


**ARTICLE REVIEWS:**


Green, Jonathan. Review of “Using Flash-based software to improve pronunciation perception and production” for *Die Unterrichtspraxis*.

**EDITING:**


220
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.

TRANSLATIONS:

BOOKS:


EXCERPTS:


GEOSCIENCES

REFEREED PUBLICATIONS:


223


NON-REFEREED PUBLICATIONS:


Cothren, J. W. Johnston, E. Ernenwein, Y. Huo, ArchaeoMapper, software developed with funding from grant Streamlining Archaeo-Geophysical Data Processing and Integration for DoD Field Use.


PRESENTATIONS AND ABSTRACTS:


Bolyard, S.E., P.D. Hays, T. Kresse, 2008. Strontium and Carbon Isotope Geochemistry of Water from Thermal Springs and Cold-Water Sources in the Hot Springs Recharge Area, Hot Springs, Arkansas, GSA, South-Central Section, 42nd Annual Meeting, no. 2-4.


231


Stahle, D.W., 2008. Simultaneous cool and early warm season drought over the Colorado Plateau, GSA, Houston, TX, October 6, 2008.

Stahle, D. W., 2008. Terrestrial Response to Climate Variability During the Medieval Warm Period: Lakes, Tree Rings, and Human Adaptation, GSA, Houston, TX, October 6, 2008.


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


**BOOK CHAPTERS:**


HISTORY

BOOKS PUBLISHED:


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)


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)


Joel Gordon, Egypt’s Muslim Brotherhood (University of California Press, 2012)


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)


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)


**JOURNAL ARTICLES:**


**CHAPETERS IN EDITED VOLUMES:**


241


**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 Grischany, “Mental Aspects of Austrian Wehrmacht Service,” University of New Orleans’ Center for Austrian Studies, New Orleans, Louisiana (March 2009)


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)

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)


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)


**REFEREED PAPERS:**


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)


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)


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)


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

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

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


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
Watkins, Patsy

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 Air 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

Foley, Larry

“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.


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

REFEREEED 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


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.


UNREFEREED PUBLICATIONS, PROCEEDINGS:


Madison, B. L., Planning a Conversation on Quantitative Literacy and Teacher Education, in Calculation vs. Context, pp. 3-10, Mathematical Association of America, 2008.

Madison, B. L., All the more reason for QR across the curriculum, Invited editorial, Numeracy, Vol 2(1). January, 2009.

MUSIC

BOOKS, PUBLISHED COMPOSITIONS, CD'S RECORDED, ETC.:

Greeson, James. Soundtrack to “Beacon of Hope—the Story of the University of Arkansas” awarded Best of Festival Award from the Broadcast Education Association (April 2008)

Greeson, James. Soundtrack to “The Buffalo Flows” The film was produced by Larry Foley and was aired at the Hot Springs Documentary Film Festival and on AETN.

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.


Roundtable. Arkansas Fall Professional Development Conference. Conway, AR.


CHAPTERS:


REFEREED ARTICLES:


UNREFEREED ARTICLES AND PROCEEDINGS:


INVITED LECTURES AND REFEREEED RESEARCH PRESENTATIONS:


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

Cholthitchanta, Nophachai: presented a lecture/recital for the American Musical Instrument Society, in Ann Arbor, MI in May.


**PHILOSOPHY**

Books: 1

Chapters: 3

Refereed Articles: 5
Unrefereed Publications: 0
Invited Lectures: 1
Other Lectures: 5

PHYSICS

BOOKS PUBLISHED:


PUBLICATIONS IN REFEREED JOURNALS:


“Low thermal drift in highly sensitive doped channel Al0.3Ga0.7As/GaAs/In0.2Ga0.8As micro-Hall element,” V.P. Kunets, J. Dobbert, Y.I. Mazur, G.J. Salamo, U. Muller, W.T. Masselink, H. Kostial, E. Wiebicke, Evi, J. Mat. Sci.: Materials in Electronics 19, 776 (2008).


“Room temperature near-infrared photoresponse based on interband transition in In0.35Ga0.65As multiple quantum dot photodetector,” B.S. Passmore, J. Wu, M.O. Manasreh, V.P. Kunets, P.M. Lytvyn, G.J. Salamo, IEEE Electron Device Letters 29, 224 (2008).


“Comparison of MBE Growth of InSb on Si (001) and GaAs (001),” T.L. Tran, F. Hatami, W.T. Masselink, V.P. Kunets, G.J. Salamo, J. Electronic Mat. 37, 1799 (2008).


256


“Step bunch assisted two dimensional ordering of In0.19Ga0.81As/GaAs quantum dots on vicinal GaAs(001) surfaces,” M. Hanke, Z.M. Wang, Y.I. Mazur, J.H. Lee, G.J. Salamo, M. Schmidbauer, Appl. Phys. Lett. 92, 033111/1-033111/3 (2008).


**PUBLICATIONS IN CONFERENCE PROCEEDINGS:**


**OTHER PUBLICATIONS AND CONTRIBUTIONS:**


**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.


“What is an electron,” A. Hobson, *AAPT national meeting, Edmonton, Canada* (2008), *poster*.


“Building relationships with schools and two-year colleges,” Workhop 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.


“What every physics department should do: find funding for PTRA!”, 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.


“Investigating the Conceptual Variation of Major Physics Textbooks,” R. Campbell and J. Stewart, APS Spring Meeting, St. Louis MO (2008), poster and talk.


“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.


INVITED LECTURES AND COLLOQUIA:


“So, what is it about Quantum Mechanics that you don’t understand?” W. Harter, OAI-NASA, Cleveland, OH (2008), public lecture.


**POLITICAL SCIENCES**

**BOOKS PUBLISHED:**


**BOOKS ACCEPTED:**


**CHAPTERS PUBLISHED:**


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:


**OTHER ARTICLES:**


PSYCHOLOGY

BOOKS:


CHAPTERS:


**REFEREED ARTICLES:**


**ARTICLES IN PROCEEDINGS OR NON-REFEREED PUBLICATIONS:**


**SOCIAL WORK**

**BOOKS:**


**BOOK CHAPTERS:**


**REFERENCES ARTICLES:**


ARTICLES IN PROCEEDINGS OR NON-REFEREED PUBLICATIONS:


FACULTY ACHIEVEMENTS IN REFEREED JOURNAL PUBLICATIONS:


PRINT PUBLICATIONS IN PEER-REVIEWED JOURNALS:


SOCIOLOGY

BOOKS:


Morgan, Gordon, The Blue Hole: The Breakup of the Plantation System in Arkansas, Baltimore, MD, PublishAmerica, 2009


REPORTS:


Fitzpatrick, Kevin M., Brad Myrstol, Hanna Gordon, Bonnie Miller, and Anne Kearney, 2009, Northwest Arkansas PIT Homeless Census, Community and Family Institute: Department of Sociology and Criminal Justice, University of Arkansas, Fayetteville, AR

Fitzpatrick, Kevin M., Brad Myrstol, Elizabeth Miller, Hanna Gordon, and Bonnie Miller, 2008, Northwest Arkansas Community Indicators Report: Quality of Life Assessment. Community and Family Institute: Department of Sociology and Criminal Justice, University of Arkansas, Roark Publishers: Rogers, AR
Fitzpatrick, Kevin M. and Brad Myrstol, *Counting NWA’s Homeless: Preliminary Results from the 2009 Homeless Census*, Community Factsheet Vol 3:2, Community and Family Institute: Department of Sociology and Criminal Justice, University of Arkansas, Fayetteville, AR

Fitzpatrick, Kevin M. and Brad Myrstol, *Putting a Face on NWA’s Homeless: More Results from the 2009 Homeless Census*, Community Factsheet Vol 3:3, Community and Family Institute: Department of Sociology and Criminal Justice, University of Arkansas, Fayetteville, AR


Smith, Brent, Kelly Damphousse and Paxton Roberts, Progress Report, National Institute of Justice grant #2006-IJ-CX-0037 (July 2008)

Smith, Brent and Christopher Shields, Progress Report, National Institute of Justice grant #2006-IJ-CX-0026 (July 2008)

**CHAPTERS:**


**REFEREED ARTICLES:**


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


INVITED LECTURES:


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


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, 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


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


WALTON COLLEGE OF BUSINESS

BOOKS:


CHAPTERS:


REFEREED ARTICLES:


**UNREFERRED PUBLICATIONS AND PROCEEDINGS:**


Cox, N. and Jensen, M. "Can Marketing Majors Learn Math?" in Marketing Educators Association Conference (2009), Newport Beach, Calif.


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.

Waller, M. "Supply Chain Responses to Accusations of Corporate Wrongdoings," CHaINA 08 Conference (2008), Shanghai, China.

INVITED LECTURES:


Bouwman, M. “Program Learning Assurance: Lesson Learned” Presented as ASCPA Fifth Annual Educators’ Conference, Arkansas State Society of CPAs, Little Rock, Ark.


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 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.


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.


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.


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.


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.


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:**


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.


Davis, F. D. (Panelist) "Sailing to Win: Strategies for Winning the Tenure Race" Presented at Big XII+ MIS Symposium, Lawrence, Kan.

Deck, C. "Coordination Games" Presented at Chapman University, Orange, Calif., 2009.


Deck, C. "Measuring Risk" Presented at University of Melbourne, Victoria, Australia.

Deck, C. "Measuring Risk" Presented at University of New South Wales, Sydney Australia.

Deck, C. "Measuring Risk" Presented Monash University, Melbourne, Australia.


Dixon-Fowler, H.R. (Presenter & Author), Ellstrand, A. (Presenter & Author), Johnson, J. (Presenter & Author), Slater, D.J. (Presenter & Author) "Beyond Does it Pay to be Green? A Meta-Analysis of Moderators of the CEP and CFP Relationship" Academy of Management National Meeting, Chicago, Ill., 2009.


Ferrier, G. (Author), Yeager, T. (Presenter, Author) "Does Distance Between Target and Acquirer Matter for Bank Mergers?" Presented at Southern Finance Association, Key West, Fla., 2008.


Guerber, A. (Presenter & Author), Lean, E. (Presenter & Author), Liou, R. (Presenter & Author), O’Leary-Kelly, A. (Presenter & Author), Reeves, C. (Presenter & Author) "Intimate Partner Violence Among Employed Individuals: Do Demographics Really Matter?" Academy of Management, Chicago, Ill.


Norwood, J. “A Sample Lecture on Ethics” Presented at Baum Teaching Workshop, University of Arkansas Teaching Academy, University of Arkansas, Fayetteville, Ark., 2008.


Richardson, V. (Presenter, Author) “The Consequences of Poor Data on Decision Making; The Case of SOX Information Technology Material Weaknesses.” Presented at Gahja Mada University, 2009.


Venkatesh, V. "Adoption, Use, and Consequences of Consumer Technologies" Presented at Arizona State University, 2008.

Venkatesh, V. "Adoption, Use, and Consequences of Consumer Technologies" Presented at Nanyang Technological University, Singapore, 2008.

Venkatesh, V. "Adoption, Use, and Consequences of Consumer Technologies" Presented at University of California, Irvine, 2008.

Venkatesh, V. "Adoption, Use, and Consequences of Consumer Technologies" Presented at University of Hawaii, 2008.

Venkatesh, V. "Digital Divide" Presented at Korea University, 2008.

OTHER INTELLECTUAL ENDEAVORS:


RESEARCH REPORTS:


COLLEGE OF EDUCATION AND HEALTH PROFESSIONS

BOOKS:


CHAPTERS:


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**REFEREED ARTICLES:**


Miller, M. T., & Morris, A. A. (2008). Profile of online programs in private colleges: From college to university with a click. *Academic Leadership, 6*(1), available online at [www.academicleadership.org](http://www.academicleadership.org)


**UNREFEREED PUBLICATIONS AND PROCEEDINGS:**


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**INVITED LECTURES:**


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.


Daugherty, M. K. (2008, August). *STEM curriculum implementation strategies for elementary schools.* Clemson University, Clemson, SC.


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.


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.


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.


Mamiseishvili, K. (2008). Examining international faculty members’ productivity over time. 28th Mid-America Association for Institutional Research (MidAIR), Kansas City, MO.


Mamiseishvili, K., & Miller, M. T. (2009, June). Faculty on sabbatical leaves: Evidence from NSOPF: 04. Association for Institutional Research's Annual Conference, Atlanta, GA.


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.


Oliver, G. (2008). *Be strong to live strong*. Strengthening Our Community by Strengthening our Workforce Skills: Jones Center for Families, Springdale, AR.


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.


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.


Stotsky, S. (2008, August) Civic engagement. We the People Summer Institute, Boston, MA.


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.


Wolf, P. J. (2008, November 19) The policy implications of school vouchers. Guest Lecture, Notre Dame University, South Bend, IN.


OTHER LECTURES, PAPERS AND PRESENTATIONS:


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. New Faculty 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, 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.


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.


Carter, V. (2008, November). *Using wikis in the classroom.* Master Principal Institute, Arkansas Leadership Academy, Winthrop Rockefeller Institute, Petit Jean, AR.


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.


Goering, C. Z. (October, 2008). *Using popular music to connect students to literacy rich lives*. Augusta, 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.


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.


Watson, D., & Boone, S. (July, 2008). Improving employment outcomes for persons labeled deaf and low functioning or at risk. Texas Department of Rehabilitation Services Statewide Training Conference. Corpus Christi, TX.


**OTHER CREATIVE ENDEAVORS:**


Greene, J. P. (2008, July) Pro-con on social promotion: No holding back: All we need to do is follow the law. *Atlanta Journal-Constitution*.


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COLLEGE OF ENGINEERING

BOOKS:


BOOK CHAPTERS:


REFEREED ARTICLES:


Hajihashemi, M. R., and M. El-Shenawee, “A Comparison between the TE and TM Polarizations using the Level-Set Shape Reconstruction Algorithm,” to be submitted to the IEEE Antennas and wireless propagation letters.


Pirani, A.L., K.R. Brye, **B.E. Haggard**, T. C. Daniel, and J.D. Mattice. 2007. “Broiler litter rate effects on nutrient leaching from soil under pasture vegetation in the Ozark Highlands”. *Soil Science* 172(12): 1001-1018 [Note: The volume, number and pages were not available to me until 2008]


White, J. and B. Panda, “Implementing PII Honeytokens to Mitigate Against the Threat of Malicious Insiders in Data Systems,” In Proceedings of the IEEE International Conference on Intelligence and Security Informatics (ISI-2009), Dallas, TX, June 8-11, 2009


Li, T., H. Shen, and A. Rosequist, “Token List Based Information Search in Multi-Dimensional Massive Database,” Proc. of the 2008 International Conference on Data Mining (DMIN'08), Pages 21-25, July 14-17, 2008, Las Vegas, Nevada


Roussos, G., S. Duri, C. Thompson, Co-Guest Editor Introduction, “RFID meets the Internet,” Special Issue of IEEE Internet Computing, January 2009


X. Wang and K. Ye, “Directed pancreatic differentiation from embryonic stem cells”, The 13th International Biotechnology Symposium and Exhibition, October 2008, Dalian, China


**UNREFEREED PUBLICATIONS & PROCEEDINGS:**


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, D.J. and E. Clausen. “Extraction of co-products in the biorefinery.” Farm Foundation, Berkeley, CA June 2008 (Invited presentation)

Carrier, D.J. and E. Clausen. “Overview of Cellulosic Ethanol.” Mississippi Bioenergy Conference, Mississippi State, MS August 2008 (Invited presentation)


Deaton, R., Poster presentation at NSF Workshop in Emerging Technologies titled “Self-Assembly and Spin Glasses”, November 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).


Hajihashemi, M. R., and M. El-Shenawee, “A Comparison between the TE and TM Polarizations using the Level-Set Shape Reconstruction Algorithm,” to be *submitted to the IEEE Antennas and wireless propagation letters*.


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Johnson, S.L. “Speed Related Truck Accidents from the Large Truck Crash Causation Study (LTCCS) Data.” American Transportation Research Institute, Atlanta, GA, May 2008.


“Computational Model of Oxidative and Nitrosative Stress in Vascular Tissue”, Chemical Engineering Seminar, Oklahoma State University, Stillwater, Feb 12, 2008. (Invited)


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.


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.


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.


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).


INVITED LECTURES:


Andrews, D., Increasing Design Productivity for Next Generation Platform FPGA’s, IEEE International Conference on Field-Programmable Technology (FPT) Taipei, Taiwan December 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.


Apon, A., "Arkansas Cyberinfrastructure" at the ALAR Conference, Conway, Arkansas, March 2009


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).*


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., “Civil Engineering Program Update”, Arkansas Academy of Civil Engineers, Fayetteville, Arkansas, April, 2008.


Hall, Kevin D., “Civil Engineering Update”, Annual Meeting of the Professional Advisory Board of the Mack-Blackwell Transportation Center, Fayetteville, Arkansas, November, 2008.


Hestekin, Christa. “Microchannel Electrophoresis for Biological Applications.” Analytical Chemistry Seminar, Department of Chemistry, University of Arkansas, Fayetteville, AR (March 28, 2008).

Hestekin, Christa. “Micochannel Electrophoresis for Biological Applications.” Department of Chemical Engineering, Mississippi State University, Starkville, MS (November 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).


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.


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


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).


R.P. Selvam (2008), Adaptive stabilized hp-FEM and large eddy simulation for wind engineering, 4th 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, 4th 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).


**Thoma, Gregory J.** “Sustainability issues related to water resources.” Invited presentation to Walmart Buyers, Bentonville, AR (June 2008).


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., “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).


Williams, Rodney D., “Utilizing Water Treatment Plant Residuals to Reduce Phosphorus Loading in Runoff”, 10/13/2008 SWAWWA Annual Meeting, Tulsa OK


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 87th Meeting, Arkansas Highway and Transportation Department, Little Rock, Arkansas, November 20, 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.


OTHER LECTURES, PAPERS, AND ORAL PRESENTATIONS:


Cox, B.R. “Practical Lessons Learned from Recent Large Earthquakes and How They Apply to Arkansas” presented at the Arkansas Governor’s Earthquake Advisory Council (AGEAC) meeting, Jonesboro, AR, July 25th, 2008.

Cox, B.R. “Geotechnical Failures Observed in the Recent Pisco, Peru and Iwate-Miyagi Earthquakes” presented at the Arkansas Division of Emergency Management (ADEM) Fall Conference, Fort Smith, AR, August 29th, 2008.


Tackett, A., Floyd, R., Ruiz, E. and Hale, W., “Examining the Effects of Mixer Type on the Properties of UHPC”, 87th Transportation Research Committee Meeting, Arkansas State Highway and Transportation Department, Little Rock, AR, Nov. 20, 2008.

Robertson, T. and Hale, W., “Evaluation of Silicon Joint Sealers”, 87th Transportation Research Committee Meeting, Arkansas State Highway and Transportation Department, Little Rock, AR, Nov. 20, 2008.

Hale, W., “Prestress Losses in Bridge Girders Cast with SCC”, 86th Transportation Research Committee Meeting, Arkansas State Highway and Transportation Department, Jonesboro, AR, May 13, 2008.

Hale, W., “Self Consolidating Concrete”, Mack-Blackwell Transportation Center, Professional Development Seminars, Fayetteville, AR, April 11, 2008,

Hestekin, Jamie. “Liquid Fuel Production in Arkansas: A Look at the Present and a Glimpse into the Future.” University of Arkansas REU Program on Using Algae to Produce Biodiesel, Fayetteville, AR (June 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).


Meller, R.D. “CELDi State of Center Address.” CELDi Fall Meeting, Dallas, TX, October 2008.


**Root, S.** “Practicing What We Preach: Using OR to Make Classroom Decisions.” INFORMS Southwest Regional Conference, College Station, TX, April 2008.


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


S. Murray and R. P. Selvam (2008), Potential applications of nanotechnology in cement based materials, Poster presentation at the Professional Advisory Board Meeting, MBTC, University of Arkansas, Nov. 15


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.


**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.


Wang, Shumin, Song-Nan Wu, Ding Ding, Xinyu Liu, Xiao-Bo Zhang, Shane R. Johnson, Shui-Qing Yu, Jacek K. Furdyyna, 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).


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).


**OTHER CREATIVE ENDEAVORS:**


Deaton, R. hosted the annual DNA 15 conference on campus in June. Approximately 75 participants from around the world attended.


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.


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.


PATENTS:

Manasreh, M. O., “Room Temperature Near-Infrared-Visible Photodectors Based on InAS Multiple Quantum Dots,” filed.

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

Lectures/Speeches/Presentations

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

Lectures/Speeches/Presentations

Kim Coats, Assistant Professor of Law

Lectures/Speeches/Presentations
Uché Ewelukwa, Associate Professor of Law

Publications

Lectures/Speeches/Presentations

Janet Flaccus, Professor of Law

Publications

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.
Brian Gallini, Assistant Professor of Law

Publications

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

Mark Killenbeck, Wylie H. Davis Distinguished Professor of Law

Publications

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
Judith Kilpatrick, Associate Dean for Diversity, Planning & Special Projects and Professor of Law

Publications

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).

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

Cynthia Nance, Dean and Professor of Law

Lectures/Speeches/Presentations

**Kathy Sampson, Assistant Professor of Law**

**Publications**

**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**

**Steve Sheppard, William H. Enfield Professor of Law**

**Publications**
*Sir Edward Coke and A.V. Dicey* in THE ENCYCLOPEDIA OF LIBERTARIANISM (Cato Institute, 2008).

**Lectures/Speeches/Presentations**
*Environmental Audit for the Non-Environmental Lawyer*, Winter CLE, University of Arkansas, 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

Tim Tarvin, Assistant Professor of Law

Lectures/Speeches/Presentations
MULLINS LIBRARY

REFEREED PUBLICATIONS:


NON-REFEREED PUBLICATIONS:


“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
“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).


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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:


McKee, Elizabeth. “Announcing the CUARL Arkansas Education Portal” Arkansas Library Association, Rogers, October 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.


Salisbury, Lutishoor. “Co-existing with Google.” Five-minute presentation made at the University of Arkansas Faculty Teaching Camp, July 16, 2008.


GRANTS/FELLOWSHIP AWARDED:


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:


Necia Parker-Gibson. Managing Editor, Behavioral & Social Sciences Librarian (journal) through December 2008.


Timothy G. Nutt. Editor, Flashback, Washington County Historical Society, 4 issues.

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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).