

Bailey Award Winner

Jo Anne Powell-Coffman, associate professor of genetics, development, and cell biology, was selected as the 2006 recipient of the Bailey Research Career Development Award. The overall goal of this award is to foster research that is innovative and not only increases knowledge, but has practical implications. Coffman's topic is *Mitochondrial proteins and pathways that regulate the hypoxia-inducible factor*. If successful, the results of this study will contribute significantly to the rational design of pharmaceuticals to treat cancers, birth defects, and cardiovascular pathologies in people and in agriculturally important animals.

Farewell

- Daniel Berleant, associate professor of electrical and computer engineering, resigned to go to the University of Arkansas at Little Rock
- Maureen Kilkenny, associate professor of economics, resigned to go to the University of Nevada, Reno
- Robert Lowry, professor of political science, resigned to go to the University of Texas at Dallas
- Grace Marquis, associate professor of food science & human nutrition, resigned to go to McGill University, Montreal

Kaizen Event at ISU

Since November 2005, the Office of Sponsored Programs Administration (OSPA) has used Lean management principles to improve its operations. Lean Enterprise System is a Japanese management philosophy developed by Toyota which aims at improving efficiencies by eliminating redundancies and waste. The Lean Enterprise System and Kaizen have proven to increase productivity through the elimination of waste, thus providing better customer service and improving the bottom line within the manufacturing industry in Iowa. Successful Kaizen events have also had a similar effect on healthcare and state government.

As part of this process, OSPA will participate in a week-long Kaizen event ("Kai" in Japanese means change and "Zen" means good). Guidon Performance Solutions, a consulting firm based in Arizona, and the Iowa Coalition for Innovation and Growth will partner with Iowa State in hosting this Kaizen event. This event will involve ISU administrators, staff and faculty, as well as representatives from the Iowa Business Council, the University of Iowa, UNI, and industries.

This Kaizen event will focus on processes relating to (1) industry sponsored awards and (2) the post-award activities that involve OSPA and Sponsored Programs Accounting (SPA). It will take place at ISU during the week of June 26-30th. If you are interested in learning more or in participating/observing this event, please contact Chitra Rajan at rajanc@iastate.edu.

Training in NCURA Fundamentals**ISU Campus****July 31 - August 2, 2006**

This program will provide an overview on all aspects of award administration:

- regulatory issues (OMB Circulars, Common Rules, FAR)
- proposal development (faculty assistance, funding information, pre-award resource material)
- proposal preparation and review of compliance issues (human & laboratory animal use, certifications, other regulatory requirements)
- award negotiation and acceptance (negotiation, award and project initiation)
- closeout and audit (final reporting, audit issues, project conclusion)
- post-award administration (management systems, agency liaison, accounting, fiscal and reporting issues)

You may sign up using Access Plus. For the complete schedule and intramural, go to <http://www.ospa.iastate.edu/>.

New Patent

- To Thomas Peterson and Yongli Xiao, GDCB, *Method and Materials to Induce Recombination in Plants*, Patent No. 6,984,774

Recent Sponsored Funding Awards

June 16, 2006

- To Susan Hegland and Kere Hughes, HDFS, *Quality Interventions for Early Care and Education* from the University of North Carolina, \$271,422
- To Rana Biswas, Phys & Astro, *GOALI: Novel Emissive MEMS Devices Using Plasmonic-Photonic Crystals* from the National Science Foundation, \$186,920
- To Douglas King, HHP, *Nutritional Impact on Muscle Recovery after Muscle Fatigue* from Otsuka Pharmaceutical Company, LTD, \$124,782
- To Jacek Koziel, ABE, *Identification of Key Odorants Associated with Swine Farm Operations: Towards Solving Swine Odor Problem* from Iowa Pork Producers Association, \$40,000
- To Stephen Dinsmore, NREM, *Benefits of a Conservation Buffer-Based Resource Management System for Northern Bobwhite and Grassland Birds* from Mississippi State University, \$108,820
- To Kevin Schalinske, FSHN, *Perturbation of Methyl Group Metabolism by Diabetes and Retinoid Compounds* from the American Diabetes Association, \$99,527
- To Joey Eisenmann, HHP, *Health Future Project: A Community Based Obesity Prevention Program* from the National Institute on Media and the Family, \$22,363
- To Jon Rouse, CTRE, F Wayne Klaiber and Doug Wood, CCEE, *Segmentally Precast Bridge Piers for Accelerated Construction* from the Iowa Department of Transportation, \$89,623
- To Micheal Owen and Palle Pedersen, Agron, and Greg Tylka, Plant Path, *Validation of Interactions Between Pest Complexes and Soil Characteristics on Soybean* from the Iowa Soybean Association, \$95,217
- To Timothy Day and Richard Martin, BMS, *G-Protein Coupled Neuropeptide Receptors in *Ascaris suum** from the National Institutes of Health, \$71,610
- To Steve Martin, MSE, *Evaluation of Optical and Electrical Properties of Oxysulfide Glass Materials* from Clemson University, \$80,000
- To Lie Tang, ABE, *Agricultural Application Development Using Autonomous Field Robots - Plant Population Mapping and Beyond* from Deere & Company, \$63,030
- To Terry Wipf and F Wayne Klaiber, CCEE, and Brent Phares, CTRE, *Laboratory and Field Testing and Evaluation of Precast Bridge Elements* from the Iowa Department of Transportation, \$341,089
- To Subhashinie Kariyawasam, Lisa Nolan and Timothy Johnson, VMPPM, *A Live Vaccine Against Avian Colibacillosis* from the U.S. Poultry and Egg Association, \$63,258
- To Peter Orazem and Mark Imerman, Econ, *Nurse Labor Market Analysis* from the Iowa Department of Public Health, \$35,940
- To Chen-Ching Liu, ECpE, *A New Paradigm for Collaborative Research and Education in a Sustainable Energy System* from Washington State University, \$35,026
- To Stephen Porter, ELPS, *Obtaining a Liberal Education and Breadth of Study: An Analysis of College Transcript Data* from Association for Institutional Research, \$29,972
- To Silvia Cianzio, Agron, and Charlotte Bronson, Pl Path, *Search for New Sources of Resistance to Brown Stem Rot in Soybeans* from the Iowa Soybean Association, \$45,536

Funding opportunities may be found at <http://www.vpresearch.iastate.edu/Funding/homepage.html>

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