

Bailey Award Winner

Manju Reddy, associate professor of food science and human nutrition, was selected as the 2005 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. Reddy's topic is *Overexpression of Plant Hemoglobin in Maize to Increase Iron Bioavailability*. If successful, this project will have a profound impact on the alleviation of iron deficiency, the most common nutrient deficiency in the world.

Farewell

- Margo Holland, associate professor of veterinary microbiology and preventive medicine, resigned to go to the University of Tennessee.
- Ken Lassila, professor of physics and astronomy, retired May 15.
- Nancy Lynn Miller, associate professor of human development and family studies, retired May 15.
- Lowell Greimann, professor and chair of civil, construction & environmental engineering, retiring June 30.

Name Change

The Coordinating Council on Technology Transfer (CCOTT) has changed its name to the **Economic Development Council**, effective immediately.

This council was formed in 1993 and coordinates ISU technology transfer and economic development activities. Representatives from across campus (see <http://www.vpresearch.iastate.edu/docs/councils/edc.html>) meet regularly to discuss problems, update each other on activities, assess the state and national environment for technology transfer, and propose policy and procedures to encourage technology transfer and economic development activities at ISU. This council is chaired by ISU's Vice Provost for Research.

New Patent

To Chris Tuggle, An Sci; Lena Marklund and Amber Stumbaugh, formerly An Sci; Thomas Stabel, USDA NADC; Martha Mellencamp, Pig Improvement Company; *Genetic Markers for Screening Animals for Improved Disease Resistance*, Patent No. 6,844,159

Visual Identity for ISU Posters

Templates for large-format research poster sessions are now available for download from Printing Services. There are three sizes available in Microsoft PowerPoint format, 36"x24", 48"x36", and 56"x36", and one size available in Adobe Illustrator format, 48"x36". <http://www.print.iastate.edu/postertemplates.shtml>

Research Compliance Corner**New Reporting Guidelines for Human Subjects Research**

Research at ISU involving human participants is subject to the reporting regulations of the Office for Human Research Protection (OHRP). Any unanticipated problems involving risks to subjects, serious or continuing non-compliance with the regulations or requirements of the IRB and suspension or termination of IRB approval must be reported to OHRP.

OHRP recently issued guidelines to ensure these incidents are promptly reported and specified the appropriate information that must be included in the report, which includes the name of the principal investigator; a detailed description of the risk, noncompliance or reasons for suspension or termination of the study; and the actions that the institution is taking or plans to take to address the situation.

The entire document can be found at http://www.hhs.gov/ohrp/policy/incidreport_ohrp.html.

For more information about the reporting requirements, please contact Diane Ament, 4-3115, dament@iastate.edu.

Recent Sponsored Funding Awards

June 24, 2005

• To Beth Herbel-Eisenmann, C&I, CAREER: *Discourse Analysis: A Catalyst for Reflective Inquiry in Mathematics* from the National Science Foundation, \$140,797

• To Dan Shechtman, MSE, *Development and Study of Strong and Ductile Magnesium Alloys* from the National Institute of Standards and Technology, \$50,000

• To Michael Kimber, Richard Martin, Tim Day and Alan Robertson, BMS, *Characterization of a G Protein-Coupled Acetylcholine Receptor from the Parasitic Nematode, Ascaris Suum* from Pfizer Limited, \$40,481

• To Edward Yu, Phys & Astro, *Efflux Pump Mechanisms for Drug Recognition/Extrusion* from the National Institutes of Health, \$248,731

• To Zhiquan Lin, MSE, *Polymer Dispersed Liquid Crystal Confined in Nanoscopic Templates* from the American Chemical Society, \$35,000

• To Tahira Hira, Office of the President, *Understanding Significant Factors that Explain Differences in Investment Behavior* from the NASD Investor Education Foundation, \$202,708

• To Ryan Martin, Math, *Extremal and Probabilistic Graph Theory* from the National Security Agency, \$15,000

• To Eric McGlinchey, Pol Sci, *The Effect of the Internet on Society in Central Asia* from the University of Washington, \$14,620

• To Diane Moody, An Sci, *Molecular Signature of Oocyte Developmental Competence* from Purdue University, \$7,647

• To Jamie Horwitz, Arch, *Network Architecture: Analog Tools for Navigating Evidence-Base* from the American Institute of Architects, \$4,000

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

• To Ananda Weerasinghe, Math, *Controlled Stochastic Dynamical Systems* from the Department of Army, ARO, \$28,731

Some Research to Directly Benefit the State of Iowa:

• To Roger Wise and Steven Whitham, Pl Path; Dan Nettleton, Stat; and Julie Dickerson, ECpE; ISGA: *Functional Genomics of Plant Disease Defense Pathways* from the National Science Foundation, \$548,380

• To Donna Lutz and Say Kee Ong, CCEE, *Water Quality Study, Saylorville and Red Rock Reservoirs*, from the U. S. Army Corps of Engineers, \$257,982

• To Derrick Parkhurst, Psych, Reg Souleyrette and Stephen Andrlé, CCEE, *Using Digital Video Analysis to Monitor Driver Behavior at Intersections* from the Iowa Department of Transportation, \$10,000

• To Michael Upah, Pappajohn Center, *Market Research to Support Research for the Purpose of Analyzing Potential Markets and Applications of New Products and Services* from the Iowa Business Council, \$6,250

• To Nancy Grudens-Schuck, Ag Ed & Studies, *Keepers of the Land Americorps Program* from the Iowa Department of Natural Resources, \$5,130

• To Robert Mazur and Lorna Butler, Soc; Richard Schultz, NREM; and Andrew Manu, Agron; *Promoting Sustainable Agriculture and Natural Resource Management for Livelihood Security* from Virginia Polytechnic Institute and State University, \$44,000

• To Tong Wang, FSHN, *Mechanism of Oxidative Stabilization of Soy Flour by Extruding-Expelling Processing and Shelf-Life of Various Soy Products* from the University of Nebraska-Lincoln, \$21,766

• Philip Dixon, Stat, *Statistical Analysis of Missouri River Fish Community Data* from the Department of Interior, Fish and Wildlife Service, \$4,717

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