

University Research Grants

Guidelines for the 2005 competition for University Research Grants for new faculty and research staff are available at <http://www.vpresearch.iastate.edu/guidelines/urg.html>. Deadline to departmental offices is February 1.

No Carver Grant Competition

The annual Roy J. Carver Charitable Trust internal grants competition offered by the Office of the Vice Provost for Research has been discontinued. This is due to the sponsor's decision to use its funds in other programs.

Grants Awarded

The Center for Excellence in the Arts and Humanities congratulates the following nine faculty members who were awarded a Research/Creative Activity Grant or Summer 2005 Fellowship this fall. Proposals for the spring round of awards are due February 1, 2005. For more information, go to www.iastate.edu/~ceah/funding.html.

Research/Creative Activity Grants

Mary Stieglitz, Art & Design, *Full Circle*. The proposed book is a retrospective work devoted to the informative power of photography and journaling.

Mira Engler, Landscape Arch, *Postnuclear Landscape*. The proposed book will explore the role designers and artists can play in helping society cope with the ethical, social, environ-

mental, and aesthetic issues these sites harbor.

David Hollander, History, *Self-Sufficiency and Agriculture in the Roman Economy*. The research will form the nucleus of a book about the economic behavior of farmers in Italy during the late Republic and early Roman Empire (200 BCE–200 CE).

Summer 2005 Fellowships

Kevin Amidon, For. Lang. & Lit., *The Diagnosis of Difference: Persuasive Practice and the Problems of Biology, Germany 1860-1945*.

Michael Bailey, History, *Magic and Superstition in European History*. The book focuses primarily on medieval and early-modern Europe.

J.R. Campbell, Tex. & Clothing, *Digitally Printed Textile Art Installation: 2D to 3D Interaction*. New body of artwork will focus on the integration of digital printing with three-dimensional structures and environments.

Christopher Curtis, History, *Jefferson's Chosen People: Freeholders and the Politics of Land Ownership in the Old Dominion, 1776-1860*.

Lisa Fontaine, Art & Design, *The Design of Symbolic Forms*. The book will include a comprehensive methodology for generating new designs and expand on existing texts.

Laura Mielke, English, *Moving Encounters: Sympathy and the Indian Question in Antebellum Literature*.

New Patent

To Jinwen Zhang, formerly FSHN, Perminus Mungara and Jay-Lin Jane, FSHN, *Biodegradable Plant Protein Composites and Related Methods*, Patent No. 6,806,353

Welcome

- Jeffrey Blevins, assistant professor in the Greenlee School of Journalism and Communication, from Central Michigan University.
- David Bulla, assistant professor in the Greenlee School of Journalism and Communication, from the University of Florida.
- Suman Lee, assistant professor in the Greenlee School of Journalism and Communication, from Syracuse University.

Research Compliance Corner

If you have questions or concerns about the health and welfare of humans, care and treatment of animals, or use of recombinant DNA, human, plant or animal pathogens or biological toxin use in research, you are encouraged to contact the Office of Research Compliance. You may contact Diane Ament (Research Compliance Officer) by phone 294-3115 or by email at dament@iastate.edu.

The Office of Research Compliance also maintains an anonymous Helpline, 515-294-9264, (the phone does not have digital display), which is answered only by the Research Compliance Officer. The Office of Research Compliance and the respective committee then conduct prompt and thorough follow up.

Recent Sponsored Funding Awards

December 3 , 2004

- To Paul Flakoll, FSHN, *Nutritional Intervention for Older Adult Muscle Loss* from Metabolic Technologies Incorporated, \$374,982
- To George Kraus, Chem, *Center for Catalysis* from the Department of Energy, \$982,000
- To Steve Whitham, Plant Path, *Translational Genomics to Decipher Resistance Signaling Pathways* from the USDA, \$52,000
- To Lisa Brasche, AACE, *Side Impact Neck Injury Criteria and Tolerances for US FAR* from the Federal Aviation Administration, \$200,000
- To Edward Yeung, Chem, *Single Molecule Immunoassay and DNA Screening* from the National Institutes of Health, \$302,178
- To Volker Brendel, GDCB, *Legume Information System* from the National Center for Genome Resources, \$65,994
- To Lester Schmerr, AE, and Carey Novak, IPRT Company Assistance, *To Characterize the Electronic Noise Present in Ultrasonic NDE Measurement Systems for Use in Probability of Detection and Reliability Modeling Studies* from NDE Technologies, Inc., \$6,888
- To Steven Rodermel, GDCB, *High Beta-Carotene Maize to Alleviate Vitamin A Deficiency in Sub-Saharan Africa* from The Centro Internacional De Agricultura Tropical, \$75,000

Some Research to Directly Benefit the State of Iowa:

- To Richard Cruse and Brian Gelder, Agron, *Determination of Tillage Type, Timing and Residue Cover Using Remote Sensing* from the USDA, \$17,000
- To Robert C. Brown, ME, *Biopolymers and Other Value-Added Products from Distillers' Dried Grains* from the Midwest Grain Processors, \$20,000

- To John Verkade, Chem, *Barium Oxide as a Heterogeneous Recyclable Catalyst for Conversion of Oils and Fats to Biodiesel* from ISURE, \$25,119
- To Antonio Mallarino, Agron, *Are Current Fertilizer Recommendations and Nutrient Management Practices Limiting Soybean Yield in Iowa?* from the Iowa Soybean Promotion Board, \$45,600
- To Thomas Baum, Plant Path, *Application of Biotechnology to Control of the Soybean Cyst Nematode* from the United Soybean Board, \$779,400
- To Madan Bhattacharyya and Silvia Cianzio, Agron, *Genetic Improvement of Soybean for Disease Resistance* from the Iowa Soybean Promotion Board, \$67,591
- To Jon Tollefson and James Oleson, Ent, *Corn Insect Research* from AMVAC Chemical Corporation, \$27,000
- To Palle Pedersen, Agron, and Greg Tylka, Plant Path, *Innovative Management Strategies to Improve Soybean Yield in High Ph Soybean Cyst Nematode Infested Fields* from the Iowa Soybean Promotion Board, \$76,588
- To Walter Fehr, Agron, *Breeding General-Use and Specialty Soybeans for Iowa* from the Iowa Soybean Promotion Board, \$150,000
- To Ken Stalder, An Sci, Locke Karriker, Annette O'Connor and James McKean, VDPAM; *Evaluation of Sows at Harvest to Determine the Incidence of Abnormalities that Could Lead to Culling of Breeding Herd Females* from the National Pork Board, \$104,552

- To John Hill, Plant Path, and Marlin Rice, Ent, *Integrated Control of Bean Leaf Beetles and Bean Pod Mottle Virus in Soybeans* from the Iowa Soybean Promotion Board, \$51,248

Please recycle!

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