

# **R | B** *Research in Brief*

**December 5, 2003**

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## **Carver Trust Grant Competition**

Guidelines for the 2004 competition for Carver Trust Grants for innovative, risky, untried projects in the biological, physical and technological sciences are now available at <http://grants-svr.admin.iastate.edu/vpr/guidelines/carver.html>. Deadline to the Office of the Vice Provost for Research (2610 Beardshear) is Feb 2.

## **University Research Grants**

Guidelines for the 2004 competition for University Research Grants for new faculty and research staff are available at <http://grants-svr.admin.iastate.edu/vpr/guidelines/urg.html>. Deadline to departmental office is February 2.

## **New Patent**

To Thomas Baker, John Obrycki and Junwei Zhu, Ent, *Attractants of Beneficial Insects*, Patent No. 6,562,332

## **Welcome**

- Lori Norton-Meier, assistant professor of curriculum & instruction, from Kansas State University.
- Katherine Bruna, assistant professor of curriculum & instruction, from the American Institutes for Research, Palo Alto, Calif.
- Beth Herbel-Eisenmann, assistant professor of curriculum & instruction, from the University of Toronto.
- Marwan Ghandour, associate professor of architecture, from the American University of Beirut.
- Igor Marjanovic, assistant professor of architecture, from the University of Illinois-Chicago.
- Maruja Torres, associate professor of art and design, from Universidad Simon Bolivar, Caracas, Venezuela.
- Anson Call, assistant professor of art and design, from Utah State University.
- Jin Feng, associate professor of art and design, from Purdue University.
- Clark Wolf, associate professor of philosophy & religious studies and director of the bioethics program, from the University of Georgia.

## **Center for Integrated Animal Genomics (CIAG) RFP**

Funds are available through three CIAG programs that foster faculty development and collaborative research. More information on these programs and the application process can be found through the CIAG website at <http://www.ciag.iastate.edu/programs.html>. Any full-time tenured or tenure-track ISU faculty member (or P&S employee at the rank of P17 or above) may apply. Application deadline is February 2, 2004. Funds available July 1, 2004 to August 31, 2005. The Center for Integrated Animal Genomics is a Presidential Initiative supported in part by funding from the College of Agriculture and the Office of Biotechnology.

## **Research Compliance Corner**

*Are you getting ready to travel and not sure what you can carry on the plane or pack in your suitcase?* Michelle Fisher from the Security and Hazardous Materials Division of the U.S. Department of Transportation/Federal Aviation Administration recently discussed these concerns during a routine audit. Before you travel, you should go to the Transportation Security Administration Web site ([www.tsa.gov](http://www.tsa.gov)) to make sure that you are in compliance with the regulations. Failure to do so can result in confiscation of your belongings, fines, being handcuffed, and civil or criminal prosecution. Fisher stated that they are "...prosecuting violations of the regulations and at the current rate it will take three years to work through all of the cases."

It is especially important for researchers who may be carrying material either into another country or back into the United States. Researchers who try to bring materials back on their person, such as vials in their pocket, will be stopped. Fisher said that regardless of the content of the vials (i.e., it is harmless), security officials will be forced to assume the worst and follow their standard operating procedures for those situations (i.e., body searches and handcuffs). You can also learn about items that other countries have labeled terrorist weapons (e.g., mace) and the limits on personal items (e.g., aerosolized products must be for personal use only and not include spray starch).

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### Recent Sponsored Funding Awards

- To Thomas Daniels, Yong Guan, and Julie Dickerson, ECpE, *Advanced Attack Attribution* from the Department of Interior, \$350,000
- To Andrew Manu, Agron, *Restoration and Maintenance of Degraded Range and Farmlands for Increased Productivity in the Sudano-Sahelian Zones of West Africa* from Alabama A&M University, \$10,423
- To Frank Krennrich, Phys & Astro, *VERITAS- Particle Astrophysics* from Harvard University, \$79,380
- To Xun Gu, GDCB, *Computational Methods for Functional/Comparative Genomics* from the National Institutes of Health, \$144,500
- To Sarah Nusser, Stat, *Geospatial Knowledge in Complex Mobile Field Settings* from the National Science Foundation, \$119,500
- To Alan DiSpirito, BBMB, *Membrane-Associated Methane Monooxygenases from Type X and Type I Methanotrophs* from the Department of Energy, \$212,008
- To George Kraus, Chem, *Molecular Flashlight Technology* from ISURF, \$25,000
- To James Roth, VMPM, *Nipah Virus Vaccine and Companion Diagnostic Test* from the USDA, \$68,293
- To William Gutowski, Geol & Atmos Sci, Raymond Arritt and Gene Takle, Agron, *Collaborative Research: One and Two-Way Coupling of Atmospheric and Hydrologic Models* from the Department of Commerce, NOAA, \$47,411
- To Brian Gleeson and Dan Sordelet, MSE, *Novel Ni-Al-Pt-Based Bond Coats for the Improved Reliability and Durability of Advanced Thermal Barrier Coating Systems* from the Office of Naval Research, \$100,000
- To Volker Brendel, GDCB, *Plantgdb-Plant Genome Database and Analysis Tools* from the National Science Foundation, \$499,419
- To Patrick Schnable, Agron, and Daniel Nettleton, Stat, *Functional Analyses of Genes Involved in Leaf Initiation* from the University of Georgia, \$622,652
- To Vijay Vittal, ECpE, *Security Enhancement Through Direct Non-Disruptive Load Control* from Cornell University, \$35,921

### Some Research to Directly Benefit the State of Iowa:

- To Gary Osweiler, VDPAM, *Classical Swine Fever Surveillance Work Plan* from the USDA, \$18,000
- To Manjit Misra, BIGMAP, *Science Based Risk Assessment for Approval of Genetically Engineered Non-Food Crops* from the Iowa Department of Economic Development, \$246,125
- To Madan Bhattacharyya and Silvia Cianzio, Agron, *Genetic Improvement of Soybean Disease Resistance* from the Iowa Soybean Promotion Board, \$65,042
- To Antonio Mallarino and John Sawyer, Agron, *Demonstration of Agronomic and Environmentally Sound Utilization of Nitrogen and Phosphorus in Poultry Manure* from the Iowa Department of Agriculture and Land Stewardship, \$173,810
- To Reg Souleyrette, CCEE, *Data Improvement Grant* from the Iowa Department of Public Safety, Governors Traffic Safety Bureau, \$75,000
- To Shauna Hallmark, CCEE, *Impact of Protected Versus Permitted Left Phases on Older Driver Accidents* from the Iowa DOT, \$35,000

Funding opportunities may be found at <http://grants-svr.admin.iastate.edu/Funding/homepage.html>

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