

R / B *Research in Brief*

August 8, 2003

Volume 10 No. 2

Next Issue: August 22, 2003

e-GoldSheet HotTips

The most current version of the Adobe Acrobat Reader is version 6. It doesn't work well with the form filling code in the e-GoldSheet. Please **be sure to use version 5.0 or 5.1**. If you don't have 5.1, you can get it from MicroNet Scout or the OSPA e-GoldSheet web page @ <http://ospa.iastate.edu/>.

New Patent

• To Thomas Baker, Junwei Zhu and Kye-Chung Park, Entomology, *Fruit Fly Attractant Compositions*, Patent No. 6,543,181

NSF Grant Writing Workshop

A National Science Foundation Regional Grants Conference will be held at the University of Minnesota, November 10-11, 2003. The Vice Provost for Research will provide financial support and transportation for a limited number of participants. Please submit a letter of interest to Sreeparna Mitra, 15 Pearson, (or fax 4-8000) by **August 18**. No e-mail communication will be accepted. Ask your department chair or grant coordinator for more details.

Welcome

- Lisa Nolan, professor and chair of veterinary microbiology and preventive medicine, from North Dakota State University.
- Michael Bugeja, director of the Greenlee School of Journalism & Communication from Ohio University, Athens.
- Kenneth Stalder, assistant professor of animal science, from the University of Tennessee.

Farewell

- Tom Greiner, associate professor of agricultural & biosystems engineering, retired July 3.

Recent Sponsored Funding Awards

- To Bonnie Bowen, NREM, *Assessment of Nuclear DNA Microsatellites for Genetic Studies of *Lampsilis higginsii* Mussels* from the Department of Interior, Geological Survey, \$21,968
- To Surya Mallapragada, Chem Eng, *CAREER: Research and Educational Initiatives Focusing on Polymers in Bioengineering: Nanoscale Patterning of Surfaces* from the National Science Foundation, \$49,999
- To Bruce Harmon, Phys & Astro, and Viatches Dobrovitski, Ames Lab, *Decoherence and Noise in Spin-Based Solid State Quantum Computers Approximation-Free Numerical Simulations* from the U.S. Army Research Office, \$388,999
- To Abir Qamhiyah, ME, *Development of a Device for Controlling a Pointer on a Computer Screen* from ISURF, \$22,204
- To John Bowler and Gary Tuttle, ECpE, and Lisa Brasche, AACE, *Enhanced Flaw Detection Using Hall Probes for Aircraft Inspection* from the Federal Aviation Administration, \$125,000
- To Scott Chumbley and Brian Gleeson, MSE, *Determination of Transformation Diagrams* from the University of Alabama at Birmingham, \$93,908
- To Yan-Bin Jia, Comp Sci, *Shape Localization, Recognition, and Reconstruction Through Touch Sensing* from the National Science Foundation, \$61,812
- To Jim Bernard, ME; Adrian Sannier, James Oliver and Carolina Cruz-Niera, IMSE; and Frank Chavez, Aero E; *Visualization of the Joint Battlespace* from the Department of Air Force, \$129,752
- To Marc Porter, Chem, *Multiplexed Colorimetric Solid Phase Extractions: Sensors for Monitoring Spacecraft Water Quality* from the National Aeronautics and Space Administration, \$207,011

Some Research to Directly Benefit the State of Iowa:

- To Mary Yearns, HDFS, *Universal Design Education for Older Iowans* from the Iowa Department of Elder Affairs, \$75,000
- To James Dickson, Micro, *Enhancement of the Safety of Pork Products* from the USDA, \$363,768