

R | B *Research in Brief*

April 23, 2004

Volume 10 No. 19

Next Issue: May 7, 2004

New Patent

To Robert Houk and Narong Praphairaksit, Chem, *Mass Spectrometer with Electron Source for Reducing Space Charge Effects in Sample Beam*, Patent No. 6,633,114

Congratulations!

Pramit Chowdhury, chemistry, was selected as the winner of the 2004 Zaffarano Prize for Graduate Student Research. This award is given to recognize superior performance in producing publishable research by a graduate student. John Orrock, ecology and evolutionary biology, and John Hitchcock, computer science, each received an honorable mention. Their awards were presented at the Sigma Xi Initiation Banquet April 22.

Farewell

Thomas Fenton, professor of agronomy, retiring April 30.

e-GoldSheet Training

The Office of Sponsored Programs Administration will be conducting an electronic GoldSheet training session on Wednesday, May 5, 1:30 - 3 p.m. The 1.5 hour training will include a basic overview of originating and approving e-GoldSheets. Due to limited seating, please contact Jody Sanders by e-mail at jasander@iastate.edu or by phone at 294-0986 to register and receive additional information regarding location.

e-GoldSheet Facts

- Over 1700 electronic GoldSheets have been submitted since July 1.
- There are currently 2,278 registered users in the e-GoldSheet system.
- OSPA has conducted over 40 e-GoldSheet training sessions since May, 2003.

Grant Writing Workshop

Persuade and Publish (Karen Piconi) will hold a two-day grant writing workshop May 17-18. Please register by May 7 by calling 232-2195 or e-mail PersuadeAndPublish@msn.com. Partial funding is available by request from the Office of the Vice Provost for Research; contact Sreeparna Mitra, 4-1538, for more information.

Databyte

Four companies located in the ISU Research Park received nearly \$11.3M from the Iowa Values Fund (Feb. 19, 2004)

- NewLink Genetics – \$6M
- Phytodyne – \$5M
- NovaScan Technologies – \$200,000
- EnSoft – \$75,000

Economic Impact of ISU Research Park

- Wages paid annually by companies in the Park – \$36.7M
- Another \$16.9M in wages for companies providing goods and services to the Park
- Employs over 900 people
- Average wage at the Park – \$40,000
- \$3.7M in state income taxes

Pappajohn Center for Entrepreneurship

In the past year, the Pappajohn Center contributed over 6,000 hours of professional and student consulting assistance to start-up and existing companies; served 143 clients; has educated 240 through its 22 Smart Start business start-up workshops; and worked with 40 technology-based companies located at or affiliated with the ISU Research Park.

April 23, 2004

The Back Page of RIB

Recent Sponsored Funding Awards

- To Rodney Fox and James Hill, Chem Eng; Francine Battaglia and Michael Olsen, ME; *CFD Models for Liquid-Phase Chemical Reactors: Validation of PDF and Large-Eddy Simulations Using Stereo PIV and Reactive PLIF Experiments* from the National Science Foundation, \$400,011
- To Shu-Min Huang, Anthro, *Chinese Diasporic Communities in Northern Thailand Ecology, Identity and Transnationalism* from Wenner-Gren Foundation for Anthropological Research, \$28,505
- To Craig Gundersen, HDFS, *The Impact of the CRS/Strive Program on the Well-Being of Children in Zimbabwe* from Catholic Relief Services - Zimbabwe, \$64,000
- To Hsain Ilahiane, Anthro, *Mobile Technology and Productivity Growth in Small and Medium Scale Businesses in Morocco* from Intel Corporation, \$52,000
- To Jianwei Qiu, Phys & Astro, *Intermediate/High Energy Nuclear Physics* from the Department of Energy, \$15,000
- To Gene Takle, Raymond Arritt and Moti Segal, Agron, *Test and Evaluation of Coupled Climate-Ecosystem Models* from St. Louis University, \$34,828
- To Kenneth Platt, VMPM, and Wayne Rowley, Ent, *Vector Competence of Ochlerotatus Trivittatus* from the Department of Health and Human Services, \$212,864
- To Xiaoqing Wu, Geol & Atmos Sci, *Application of Seasonal CRM Integrations to Develop Statistics and Improved GSM Parameterization of Subgrid Cloud-Radiation Interactions* from the Department of Energy, \$11,000

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

Some Research to Directly Benefit the State of Iowa:

- To Steven Hoff and Dwaine Bundy, ABE, *Verification of Odor Dispersion Modeling for Siting of Livestock and Poultry Production Systems* from the USDA, \$479,808
- To James Baker, Stewart Melvin and Matt Helmers, ABE; and William Crumpton, EEOB; *Agricultural Drainage Well Studies Amendment #17* from the Iowa Department of Agriculture and Land Stewardship, \$272,981
- To Stephen Jones, CCEE, *Design Guide and Construction Specifications for Urban Stormwater Quality Improvements* from the Department of Natural Resources, \$125,342
- To Richard Schultz, Thomas Isenhardt and Joe Colletti, NREM; and Bill Simpkins, Geol & Atmos Sci; *Effectiveness of Riparian Forest Buffers in Head-Water Watersheds in the Western Cornbelt - A Flood Plain Analysis of Agro Forestry* from the University of Missouri, \$199,997
- To Jacqueline Shanks, Chem Eng, and David Oliver, GDCB, *Genetic and Biochemical Basis for the Transformation of Energetic Materials in Plants* from the Department of Army, Corps of Engineers, \$266,735
- To David White, Ed Jaselskis, Vernon Schaefer and Tom Cackler, CCEE, *Field Evaluation of Compaction Monitoring, Phase II* from the Iowa Department of Transportation, \$125,000
- To Joe Colletti, John Tyndall and Janette Thompson, NREM; Steven Hoff, ABE; and Gene Takle and Raymond Arritt, Agron; *Vegetative Environmental Buffers to Mitigate Odor and Aerosol Pollutants Emitted from Poultry Production Sites* from the USDA, \$440,205

Please recycle!