

IOWA STATE UNIVERSITY

R / B *Research in Brief*

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Nominations for Distinguished Arts & Humanities Scholar Due June 9

The Center for Excellence in the Arts and Humanities is pleased to announce that it is accepting applications for a Distinguished Arts & Humanities Scholar for spring semester 2004. Nominations should be made by individual departments and forwarded to the Center in care of the Office of the Vice Provost for Research, 2610 Beardshear Hall no later than June 9, 2003.

http://grants-svr.admin.iastate.edu/vpr/arts_humanities/distinguished_scholar.html.

New Patents

- To Thomas Paskach and William Schroeder, *Continuous System and Method for Producing Frozen Food Products*, Patent No. 6,510,890. This resulted in the formation of NitroCream, Inc., a start-up company formed by former ISU graduate students in chemical engineering.
- To Douglas Finnemore, Paul Canfield, Sergey Bud'ko, Jerome Ostenson, Cedomir Petrovic, Charles Cunningham and Gerard Lapertot, Phys & Astro (Ames Lab), *Synthesis of Superconducting Magnesium Diboride Objects*, Patent No. 6,514,557

Welcome

- Niels Bregendahl, assistant professor of animal science, from the University of Guelph, Ontario.
- Qijing Zhang, associate professor of veterinary microbiology and preventive medicine, from The Ohio State University.

Farewell

- Dean Ulrichson, professor of chemical engineering, is retiring May 15.

Arts & Humanities in the Environment

The Center for Excellence in the Arts and Humanities announces its 2003-2004 programming theme as *Arts and Humanities in the Environment*.

The Center invites the participation of faculty, departments and areas that have an interest in this theme. Please contact the Center at sgermain@iastate.edu if you are interested in being involved. They are especially interested in partnering with areas that have events already planned related to the environment.

Databyte

Thirty-nine University Research Grants (URGs) were submitted to colleges and IPRT. Sixteen URGs were forwarded to the Vice Provost for Research Office for review by a university-wide committee. Eight URGs were selected for funding, totalling \$129,027.

Congratulations!

Alain Laederach, chemical engineering and bioinformatics, was selected as the winner of the 2003 Zaffarano Prize for Graduate Student Research. Gerd Bobe, animal science, and Haiming Zhang, chemistry, each received an honorable mention.

Research Compliance Corner

In what could become common practice in the awarding of federal research grants, the Department of Defense is requiring that researchers applying for grants sign a "Principal Investigator Assurance" form, assuring compliance with all environmental, occupational health, and safety requirements in all areas under their control.

The "Official Responsible for Environmental Compliance" for the institution – David Inyang – must sign a Certificate of Environmental Compliance. Several of the required items can take significant time to complete, but none of the required items should be new to a compliant laboratory. Please contact Environmental Health & Safety for assistance, 4-5359.

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Recent Sponsored Funding Awards

• To John Nason, Botany, *Host-Associated Genetic Differentiation in the Goldenrod Elliptical-Gall Moth *Gnorimoschema Gallaesolidaginis*-parallel Host Race Formation* from the National Science Foundation, \$315,360

To Valerie Sheares, Chem, *Advanced Materials for PEM-Based Fuel Cell Systems* from Virginia Tech, \$50,000

• To Jorgen Johansen and Kristen Johansen, Zool & Gen, *Analysis of Axon Fascicle Specific Proteins* from the National Institutes of Health, \$350,125

• To Robert Weber, ECpE, *High Speed Circuits* from Xilinx, Inc., \$148,500

• To Marvin Stromer, An Sci, *Understanding Membrane Fusion: A Bioengineering Approach* from Wayne State University, \$30,660

• To Frank Peters and Tim Van Voorhis, IMSE, *Reduction in Energy Consumption and Variability in Steel Foundry Operations* from the Department of Energy, \$123,839

• To Arun Somani, ECpE, *FAMOS: Fault and Attack Management in Optical Networks* from George Washington University, \$85,660

• To James McKean, VDPAM, *Validate Use of Meat Juice Samples to Diagnose Sarcoptic Mange with an Elisa Kit* from Merial Limited, \$8,030

Some Research to Directly Benefit the State of Iowa:

• To David Plazak, CRP, *Corridor Management Pilot Project, Phase 1* from the Iowa Department of Transportation, \$30,000

• To Atul Kelkar, ME, *Development of System Theory-Based Tools for Modeling, Analysis, and Synthesis for Quality and Reliability Improvement in Sauer-Danfoss Products* from Sauer-Danfoss Company, \$24,614

• To Omar Smadi, CCEE, *Statistical Analysis of Highway Needs Condition Data: Manual vs Automated* from the Iowa Highway Research Board, \$17,405

• To John Mabry, Palmer Holden and Thomas Baas, An Sci, *Comparison of Grain Sources for Swine Diets and Their Effects on Meat Quality and Production Traits* from the National Pork Board, \$8,469

• To Joel Coats, Ent, *Fate and Significance of a Veterinary Antibiotic in the Environment: A Laboratory Study* from the University of Iowa, \$19,976

• To Charles Hurburgh and Thomas Brumm, ABE, *Increasing Marketability of Corn Distillers' Grain* from Illinois-Missouri Biotechnology Alliance, \$75,256

• To Rolf Koford, NREM, *Avian Mortality Associated with the Top of Iowa Wind Farm* from the Iowa Department of Natural Resources, \$41,685

Please recycle!