

# **R / B** *Research in Brief*

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## **New Patent**

- To Valerie Sheares Ashby, Chem, *High Performance Fluorinated Polymers and Methods*, Patent No. 6,515,101

## **Databyte**

Forty-six applications were submitted for the Carver Trust Grant internal competition in the biological, physical, and technological sciences. Six applications were selected for funding. For names and titles, please see the May issue of *Research and Graduate Education*.

## **Research Compliance Corner**

Coming soon to a computer near you, a new and improved compliance application form! This new form will combine the current individual applications used for the Institutional Review Board (human subjects), the Committee on Animal Care, the Biohazards and Public Health Committee and the Radiation Safety Committee into *one* document.

The new application will eliminate the need to submit duplicate information and will make it easier for faculty to obtain the appropriate compliance committee(s) approvals for individual projects.

In its final format, the application will be a Web-based document with drop down boxes, check boxes and Internet links for more information. Key questions will also guide investigators through the form and ensure all required portions of the application are complete. The data collected in this document will also be shared with OSPA, which will further reduce submission of duplicate information.

Before launching the new integrated compliance form, the individual sections will be tested on the Web site of each committee. The forms have been updated for compliance with the federal regulations and in response to recommendations made following audits from the USDA and the CDC. After you have tried the new forms, please send your comments on these forms to Diane Ament ([dament@iastate.edu](mailto:dament@iastate.edu); 4-3115).

## **Recent Sponsored Funding Awards**

- To Qijing Zhang, VMPM, *Mechanisms of Antibiotic Efflux in Campylobacter* from the National Institutes of Health, \$224,840
- To Chris Tuggle, An Sci, *Developmental Mechanisms of HoxA5 Spatial Regulation* from University Laval, \$141,012
- To Doug Jones and Frank Simutis, Vet Path, *Gamma-Delta T Cell Function in Mycobacterial Infection* from the National Institutes of Health, \$112,349
- To Carol Vleck, Zool and Gen, *Avian Models for Aging: Telomeres and Oxidative Damage* from the National Institutes of Health, \$67,215
- To Harry Horner, Bot, *A Comparative Developmental Analysis of the Floral Nectaries of the Annual Cultivated and Wild Soybean with the Perennial Glycine Species* from the USDA, \$51,750
- To Donna Surge, Geol & Atmos Sci, *Geochemical Proxies of the Southern Quahog: Implications for Late Holocene Subtropical Seasonality and Climate Variability, SW Florida* from the Petroleum Research Fund, American Chemical Society, \$35,000
- To Gloria Culver, BBMB, *Assembling an Understanding of Ribosome Assembly* from the National Institutes of Health, \$206,982
- To Edward Yeung, Chem, *Single-Molecule Immunoassay and DNA Screening* from the National Institutes of Health, \$168,107

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

- To Richard Pirog and Frederick Kirschenmann, Leopold Center, *Value Chain Partnerships for a Sustainable Agriculture* from the W. K. Kellogg Foundation, \$231,140
- To Jeff Zimmerman, Kyoung-Jin Yoon and Richard Evans, VDPAM, and Steven Hoff, ABE, *Optimization of Methods for the Study of Swine Viral Pathogens in Aerosols* from the National Pork Board, \$22,945
- To Thomas Baas, John Mabry, Clinton Schwab, Douglas Newcom, Jay Lampe and Colin Johnson, An Sci, *The Effect of Long-Term Selection for Reduced Backfat and Increased Loin Muscle Area on Meat and Eating Quality Traits in Duroc Swine* from the National Pork Board, \$25,000