

R / B *Research in Brief*

February 6, 2004

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Next Issue: February 20, 2004

Date to Remember

Wednesday, Feb 11, 8:00 p.m., Sigma Xi Lecture, *Medical Pluralism, Intracultural Differences in Illness Etiology, and Patterns of Medical Choice in Southern Mexico: Some Perspectives and Observations*, Michael Whiteford, professor of anthropology and interim dean of LAS. Campanile Room, Mem Union.

New Patent

To Doug Finnemore and Paul Canfield, Phys & Astro; Sergey Bud'ko, Jerome Ostenson, Cedomir Petrovic, Charles Cunningham and Gerard Lapertot, Ames Lab; *Synthesis of Superconducting Magnesium Diboride Objects*, Patent No. 6,591,119

Welcome

- Locke Karriker, assistant professor of veterinary diagnostic and production animal medicine, from Seaboard Farms, Inc., Guyman, OK.
- Elizabeth Streeter, clinician in veterinary clinical sciences, from Tufts University.
- Kim Langholz, clinician in veterinary clinical sciences, from Creature Comfort Veterinary Clinic, Iowa City.
- Levon Esters, assistant professor of agricultural education & studies, from Penn State University.

Farewell

- Ken Stone, professor of economics, retired February 2.
- Vernon Ryan, professor of sociology, retired January 2.
- Bruce Menzel, professor of natural resource ecology and management, retired January 9.
- Joseph Taylor, associate professor of history, resigned December 31 to go to Simon Fraser University, Burnaby, British Columbia.

Bailey Research Career Development Award Applications Due

The overall goal of this award is to foster research that is innovative and, not only increases knowledge, but has practical applications. Any full-time tenured associate professor or professor may apply for one of two awards of \$50,000 per year for two or three years. The award may be used for faculty salary support, graduate student and postdoc support, travel, equipment, hourly labor and supplies.

Applications are due to college offices **March 8, 2004**. Colleges may forward two applications to the Awards Committee by March 29. Please see <http://grants-svr.admin.iastate.edu/vpr/guidelines/bailey.html> for award and application details.

Seminar Available

A two-day seminar on *Writing Competitive Grants and Proposals* will be presented by Karen Piconi (Persuade and Publish International, LLC) during March 4-5, 2004. The cost will be \$260 per participant. Please contact Karen at kpiconi@msn.com for details and registration information.

Grant Coordinators at Iowa State

Grant coordination is a crucial component of ISU's grantsmanship support system. Each department, center/institute, college and central office has a point person for grant coordination. Grant coordination is not a position but a function. For more information on the role of grant coordinators, please go to http://ospa.iastate.edu/grant_coordinator_meetings.htm and click on "grant coordinator roles and responsibilities."

ISU Policy on Cost Share for Sponsored Programs

Several federal and state agencies, foundations and organizations require cost share on projects they sponsor. Please go to the Web site for the Office of the Vice Provost for Research (under V in the Index), then click on "policies and procedures" for guidelines on mandatory and voluntary cost share at Iowa State.

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Recent Sponsored Funding Awards

- To John Hill, John LaJoie, Craig Ogilvie and Marzia Rosati, Phys & Astro, *Relativistic Heavy Ion Physics* from the Department of Energy, \$570,000
- To Kevin Schalinske, FSHN, *Perturbation of Methyl Group Metabolism by Retinoid Compounds* from the American Diabetes Association, \$96,139
- To Richard Larock, Chem, *Chemical Methodologies and Library Development* from the University of Kansas, \$104,176
- To Mark Gleason, PI Path; Helen Jensen, Econ; Gail Nonnecke and Paul Domoto, Hort; and Donald Lewis, Ent; *Developing and Implementing a Web-Based Risk Management System for Organic Apple Growers in the Eastern U.S.* from the Federal Crop Insurance Corporation, \$438,738
- To Randall Geiger, ECpE, *Integrated Data Acquisition and Transmission System* from Honeywell, Inc., \$34,760
- To Ashraf Bastawros, AE, *Deformation Mechanisms at the Material's Microstructural Length Scale* from the National Science Foundation, \$12,000
- To Mark Gordon, Chem, *Potential Energy Surfaces and Dynamics of High Energy Species* from the Department of Air Force, AFOSR, \$71,961
- To Walter Anderson, Phys & Astro, *Neutron-Neutron Correlation in Kinetically Complete Measurements* from Research Corporation, \$14,000
- To Steve Martin and Alan Constant, MSE, *Evaluation of the Optical and Electrical Properties of Oxysulfide* from the University of Central Florida, \$70,000
- To Charles Glatz, Chem Eng, *A Collaborative Study of Flux and Protein Transmission in Microfiltration of Fermentation Broths* from Genencor International, Inc., \$54,899

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 Radhey Sharma, Vernon Schaefer, and David White, CCEE, and Tom Cackler, CTRE, *Optimization and Management of Materials in Earthwork Construction* from the Iowa Department of Transportation, \$175,000
- To En-Min Zhou, VDPAM, *Investigation into the Ability of Anti-idiotypic Antibodies to Protect Pigs from Porcine Reproductive and Respiratory Syndrome Virus Infection* from the Iowa Pork Producers Association, \$20,035
- To Brent Phares, Terry Wipf and Lowell Greimann, CCEE, *Health Monitoring of Bridge Structures and Components Using Smart-Structure Technology* from the Wisconsin Highway Research Program, \$30,613
- To Grace Marquis and Mary Oakland, FSHN; Mack Shelley, RISE; and Helen Jensen, Econ; *Improving How WIC Teaches Nutrition: Using Stages of Change and Critical Thinking Skills to Teach About Vegetables* from the Iowa Department of Public Health, \$127,139
- To Diane Debinski, EEOB, *Sustaining Pollinator Diversity in a Fragmented Landscape: The Role of Roadsides and Railroad Right-of-Ways* from the Iowa Department of Transportation, \$21,000
- To Kan Wang, Agron, *Investigation of Molecular Components Required for Cereal Starch Granule Encapsulation* from ISURF, \$28,300
- To Don Beitz, Allen Trenkle, Elisabeth Huff-Lonergan and Travis Knight, An Sci, *Using a Combination of 25-hydroxyvitamin D3 and Vitamin E to Improve Beef Tenderness* from the National Cattlemen's Beef Association, \$22,863
- To Fred Blackmer, Agron, *Precision Comparisons of Field Treatments* from the Iowa Soybean Association, \$20,000

Please recycle!