

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

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## **New Patents**

- To Seong-Jae Lee, CNDE; David Jiles, Karl Gschneider, Jr., and Vitalij Pecharsky, MSE (Ames Lab), *Permanent Magnet Structure for Generation of Magnetic Fields*, Patent No. 6,680,663
- To Thomas Wheelock and Tetteh Akiti, Chem Eng, *Core-In-Shell Sorbent for Hot Coal Gas Desulfurization*, Patent No. 6,689,714

## **New Web Address**

The Vice Provost for Research Office has a new Web address: <http://www.vpresearch.iastate.edu/>

## **Fringe Benefit Rates**

Fringe benefits should be charged on proposals at a rate that is consistent with the rates established by the ISU Vice President for Business and Finance. Fringe benefit rates will be updated and posted annually.

The following rates have been updated according to the figures provided by the Business and Finance office and are effective for proposal budgets created now through June 30, 2005 (or until new rates are posted).

<http://ospa.iastate.edu/fringe.htm>

Faculty 26.20%

P&S 31.00%

Merit 40.00%

Graduate Student 11.30%

Post Doc varies according to OSPA notice

[http://ospa.iastate.edu/OSPA\\_Notices/OSPA%20NOTICE%2003-02.pdf](http://ospa.iastate.edu/OSPA_Notices/OSPA%20NOTICE%2003-02.pdf)

Hourly (non-student) 12.00%

The ISU budget templates have been updated as well, and can be found at <http://ospa.iastate.edu/forms.htm>.

## **Recent Sponsored Funding Awards**

- To Gerald Colver, ME, *Quenching of Particle-Gas Combustible Mixtures Using Electric Particulate Suspension (EPS) and Dispersion Methods* from the National Aeronautics and Space Administration, \$120,072
- To Robert Lowry, Pol Sci, *National Party Committees, Competitive Elections, and State Autonomy Before and After the Bipartisan Campaign* from the National Science Foundation, \$86,370
- To Yvonne Gentzler and Cheryl Hausafus, AESHM, *Literature Review: Effectiveness of Public School Family and Consumer Sciences Programs* from the American Association of Family and Consumer Sciences, \$20,000
- To Joey Eisenmann, HHP, *Relationship Between Adolescent Physical Activity and Fitness and Adult Cardiovascular Disease Risk Factors* from Life Fitness Academy, \$5,000

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

- To David Hansen and Nolan Hartwig, VDPAM, *Iowa Colima University-Based Rural Outreach Partnership* from the Association Liaison Office for University Cooperation in Development, \$284,064
- To Daniel Russell, HDFS, and Linda Trudeau, PPSI, *Disaster Mental Health and Substance Abuse Response Training* from the Iowa Department of Human Services, \$143,846
- To Jill Euken, CIRAS, *Biorefinery Supply Chair Research and Demonstration Project* from Cargill Dow L.L.C., \$12,500
- To Allen Knapp, Agron, *Plant Ontogeny and Signal Transduction: Role of Microorganisms in Low Temperature Stress Tolerance of Maize* from Pioneer Hi-Bred International, \$13,500