

Events to Note

- **Tuesday, March 29, 3 pm,** Joseph K. Walkup Distinguished Lectures in Industrial Engineering: Chris Hendrickson, Department Head, Civil & Environmental Engineering, Carnegie Mellon University, *Research in Carnegie Mellon's Green Design Institute*, Alliant Energy-Lee Liu Auditorium, Howe Hall.
- **Tuesday, March 29, 6:30 pm,** Technology, Globalization and Culture Series: Michael Crow, President of Arizona State University, *Globalization, Universities & Economic Competition*, Alliant Energy-Lee Liu Auditorium, Howe Hall.
- **Wednesday, March 30, 7 pm,** Technology, Globalization and Culture Series: George Strawn, Chief Information Officer at the National Science Foundation (formerly director of ISU's Computation Center), *Information Technology and Globalization: which is the cause and which the effect?* Alliant Energy-Lee Liu Auditorium, Howe Hall.

New Patent

To Srinivas Garimella, ME, *Method and Means for Miniaturization of Binary-Fluid Heat and Mass Exchangers*, Patent No. 6,802,364

Alphabet Soup

A series on the acronyms of Iowa State *HCI* - Human Computer Interaction, the study of the relationship between humans and increasingly powerful, portable, interconnected and ubiquitous computers. Interdisciplinary in the extreme, this emerging field will have an impact on nearly every area of human endeavor. Seven colleges, twenty-three departments and fifty-nine major professors are involved in this research area. <http://www.hci.iastate.edu/description.php>

e-Goldsheet System Upgraded

The e-GoldSheet software system (LiquidOffice) has been successfully upgraded to a new version 3.0.2. As you may recall, we attempted an upgrade last week but, due to technical issues, the upgrade was postponed until this week. This new version of e-GoldSheet is compatible with the latest version of Adobe Acrobat 7.0. From the user's perspective, the changes are very minimal and mainly visual. Please review the two page quick glance sheet available at this link: <https://grant001.ats.iastate.edu/QuickGlanceSheet.pdf> Please contact Sudhakar Chinnaswamy (sudhac@iastate.edu) if you have any questions.

New Internal Competition for Research Equipment

Over the last years it has been difficult for research groups to acquire research equipment in the range of \$100,000 – 150,000. To acquire state-of-the-art research equipment or update essential instrumentation, the Office of the Vice Provost for Research plans to fund one to three equipment requests in this range in the current fiscal year.

To submit a proposal to this internal competition, please develop a four-page proposal that follows the general guidelines of the NSF MRI program. More information can be found on the NSF web site <http://www.nsf.gov/pubs/2005/nsf05515/nsf05515.htm>. Preference will be given to proposals that:

- Are submitted by interdisciplinary research groups,
- Are aligned with one of the University research priorities,
- Secure important equipment that is difficult to fund via external sponsors,
- Increase the potential for external funding,
- Improve the capacity of laboratories on campus that are open to a larger number of researchers.

Standard equipment, such as office computers, will not be considered under this competition.

Please submit four copies of your proposal to Dorothy Pimlott, 2810 Beardshear Hall, by **April 8, 2005**. Funds need to be expended or encumbered by June 30, 2005.

For questions, please contact Dorothy Pimlott at dpimlott@iastate.edu or Wolfgang Kliemann at lastec@iastate.edu.

Recent Sponsored Funding Awards

March 25, 2005

- To Frederick Haan, Aero Eng, CAREER: *A Design/ Test Environment with Integrated Experimental and Computational Simulation of Unsteady Wind Loads for Mitigation of Wind-Related Natural Hazards* from the National Science Foundation, \$115,329
- To Siu-Hung Ng, Math, *Hopf Algebras, Quasi-Hopf Algebras and their Representation Categories* from the National Security Agency, \$18,907
- To Mark Kushner, ECpE, *Plasma Equipment and Process Modeling* from the Semiconductor Research Corporation, \$79,000
- To Dean Adams, EEOB, CAREER: *Evolutionary Community Ecology in Plethodon Salamanders* from the National Science Foundation, \$100,014
- To Vinay Dayal, Aero Eng, and Carey Novak, IPRT Company Assistance, *Testing and Analysis of Gr/Ep Composite/Foam Core Breastboard* for Tec Industries, \$8,322
- To Brian Wilsey, EEOB, *Development of Environmental Indicators for Impending Catastrophic Ecological Change* from the Department of the Army, \$75,000
- To Gregory Maxwell, ME, *Industrial Assessment Center* from the Department of Energy, \$40,000
- To Jeffrey Berger, An Sci, *Identification of Quantitative Trait Loci Associated with Perinatal Survival in Holsteins* from the National Association of Animal Breeders, \$15,000
- To Costas Soukoulis, Phys & Astro, BAA 00-12, *Meta Materials* from Boeing Company, \$20,000

Some Research to Directly Benefit the State of Iowa:

- To Forrest Nutter and Mark Gleason, Plant Path; Elwynn Taylor, Agron; Kevin Kane, AIT; and John Basart, Aero Eng; *Safeguarding American Agriculture From New and Emerging Diseases and Pests; A GIS and Web-Based Approach* from the USDA, \$900,000
- To Scott Hurd, VDPAM, and James McKean, VMPM, *Salmonella Prevalence During the Finishing Production Stage* from the National Pork Board, \$38,754
- To David Plazak, CRP, *Access Management and Corridor Management Training* from the Iowa Department of Transportation, \$27,000
- To Joe Cordray, An Sci, and Lois Hunt, Ext to Fam, *Southeast Iowa's Food Safety and Animal Handling Procedures for Meat Processors and Livestock Producers* from the USDA, \$599,126
- To Thomas Peterson and Jianbo Zhang, GDCB, *Collaborative Research: Comprehensive Molecular, Genetic and Cytogenetic Analysis of Transposon-Induced Chromosomal Rearrangements in Maize* from the National Science Foundation, \$188,483
- To Jerod Smeenck, CSET, *Demonstrating Clean, Renewable Hydrogen from Gasified Biomass* from Frontline Bioenergy, Inc., \$33,550
- To Steven Johnson, Ext to Ag, and Betty Wells, Soc, *Women in Agriculture: An Iowa Model for Education, Delivery and Outreach* from Polk County Agricultural Extension District, \$8,000
- To Sam Beattie, FSHN, *Development of Resources for Organic Food Processors in the State of Iowa* from the Leopold Center, \$24,400

Funding opportunities may be found at <http://www.vpresearch.iastate.edu/Funding/homepage.html>

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