

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

**August 22, 2003**

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## **Alphabet Soup**

**EEOB** - Ecology, Evolution and Organismal Biology is a new department which brings together some of the faculty who were members of the former departments of botany, animal ecology, microbiology, and zoology and genetics. Jonathan Wendel is the chair of this new department which reports to the Colleges of Agriculture and Liberal Arts and Sciences.

**GDCB** - Genetics, Development and Cell Biology is another new department formed from faculty formerly in botany, microbiology and zoology and genetics. Martin Spalding is the chair of this department which also reports to the Colleges of Agriculture and Liberal Arts and Sciences.

## **Welcome**

- James Toombs, professor and chair of veterinary clinical sciences, from Purdue University.
- David Wong, assistant professor of veterinary clinical sciences, from Virginia Tech.
- Brett Sponseller, assistant professor of veterinary clinical sciences, from Iowa State.
- Neal Hawkins, associate director of the Center for Transportation Research and Education, from Howard R. Green.
- Susan Torntore, assistant professor of AESHM (textiles & clothing), from Illinois State University.

## **Farewell**

- Larry Northrup, professor of civil, construction and environmental engineering, retired May 15.
- John Eighmey, professor & chair of Greenlee School of Journalism & Communication, resigned June 30.
- John Obrycki, professor of entomology, resigned July 18 to go to the University of Kentucky.
- Thomas Baker, professor of entomology, resigned July 31 to go to Penn State.
- Srinivas Garimella, associate professor of mechanical engineering, resigned Aug 15 to go to Georgia Tech.

## **Orientation for New Faculty Research Funding, Industry Collaboration, and Technology Transfer at ISU**

Where to go for information on:

Internal Seed Funding, External Research Funding, Compliance Issues, Management of Intellectual Property and Interfacing with Industry

- Thursday, Sept 4, 4-6 p.m., Reception at 3:30 p.m., The Gallery, Memorial Union **OR**
- Monday, Sept 8, 5-7 p.m., Reception at 4:30 p.m., Sun Room, Memorial Union

(Both sessions have the same program.)

## **New Patent**

- To Joshua Otaigbe, Jon McAvoy, Jason Ting, and Jia Mi, formerly MSE; Iver Anderson and Robert Terpstra, Ames Lab; *Atomizing Apparatus for Making Polymer and Metal Powders and Whiskers*, Patent No. 6,533,563

## **Research Compliance Corner**

*Will your research involve ISU students?* In most cases, federal regulations require that parental consent be obtained prior to enrolling students under the age of 18, unless the Institutional Review Board has approved a waiver of informed consent or waiver of documentation of consent. You must also obtain assent from the minor before his/her participation. Consent for participation in research, and assent from minors, must be sought only under circumstances that minimize the possibility of coercion or undue influence. In addition, the Office for Human Research Protections, the agency of the Department of Health and Human Services that oversees implementation of federal regulations, requires that students be offered a “**genuinely equivalent**” alternative to participation in research. For example, if students will receive extra credit for participation in the research, students who choose not to participate must also have an opportunity to earn extra credit (e.g., writing a short paper). Having a student’s grade remain the same if they do not participate in a research project is not considered a meaningful alternative.

August 22, 2003

## The Back Page of RIB

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### Recent Sponsored Funding Awards

- To Abhijit Chandra, Atul Kelkar, ME; Ashraf Bastawros, AE; and R. Narayanaswami, IMSE; *Modeling and Control of Wafer Scale Yield Improvement in Chemical Mechanical Polishing* from the National Science Foundation, \$456,881
- To Karin Dorman, Stat; Daniel Ashlock, Math; and Susan Carpenter, VMPM; *Statistical, Computational and Genetic Analysis of HIV Recombination* from the National Institutes of Health, \$243,180
- To John Hauptman, Phys & Astro, *The US CMS Group at Iowa State University for Activities Related to the USCMS Hadron Calorimeter Subsystem* from the Department of Energy, \$70,412
- To Yong Guan, Doug Jacobson and James Davis, ECpE, *Cyberspace Forensics: Research, Course Development, and Laboratory Development* from the National Science Foundation, \$199,928
- To Vernon Schaefer, CCEE, *Collaborative Research: Strength of Clay Shale in Relation to Mineralogy, Micromorphology and Pore Water Chemistry* from the National Science Foundation, \$97,479
- To Mary Ann Nieves, VCS, and Joe Gilbert, CATD, *An Investigation of Misoprostol in the Promotion of Wound Healing and Wound Strength* from Regenacorp, Inc., \$12,950
- To Mark Ackermann and David Meyerholz, Vet Path, *VEGF Regulation of Surfactant Proteins in Preventing RSV* from the National Institutes of Health, \$108,999
- To Timothy Day, BMS, *Structure and Function of Schistosome MPF* from the National Institutes of Health, \$218,585

#### Correction

- To Jim Bernard and James Oliver, ME; Adrian Sannier and Carolina Cruz-Neira, IMSE; and Frank Chavez, Aero E; *Visualization of the Joint Battlespace* from the Department of Air Force, \$129,752

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

- To Eric Mills, Holly Bender, Jared Danielson, Pamela Vermeer and Claire Andreasen, Vet Path, *Teaching Food Animal Diagnostic Skills: A Multi-Institutional Web-Based Approach* from the USDA, \$61,208
- To John Holmes and Paul Kassel, Ext to Ag, *Using Eggshells as a Liming Source* from the Iowa Egg Council, \$13,200
- To Joseph Morris, NREM, *Best Management Practices for Channel Catfish Culture in Plastic-Lined Ponds* from the Iowa Department of Natural Resources, \$32,000
- To James Miller, NREM, and Tim Keller, LA, *Avian Response to Prairie Restoration in the Loess Hills of Western Iowa* from the Iowa Department of Natural Resources, \$29,080
- To Cynthia Haynes and Jeff Iles, Hort, *Evaluating the Impact of Ornamental Horticulture in Iowa* from the Iowa Nursery and Landscape Association, \$10,000
- To Wendy Powers-Schilling, An Sci, *Characterization of VOCs and Particulates from Swine Finishing Facilities and Relationship of These Compounds to Human Health* from the National Pork Board, \$67,050
- To Earl Hammond and Bonita Glatz, FSHN, and Colin Scanes, An Sci, *Removing the COG of Whey Permeate Economically with Oleaginous Yeast* from the Midwest Dairy Association, \$41,956
- To Donald Hackmann, ELPS, *New Administrator Mentoring and Induction Evaluation* from the Muscatine Community School District, \$10,000

Funding opportunities may be found at <http://grants-svr.admin.iastate.edu/Funding/homepage.html>

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