



Margo Holland, associate professor of veterinary microbiology and preventive medicine, is serving as Faculty Adjunct to the Vice Provost for Research during the academic year 2004/5. Dr. Holland will coordinate various training programs within the VPR office, and help with the accreditation and strategic planning process. In particular, she will assemble a research and scholarship profile of the university that will be part of future ISU publications.

## Welcome

- Ruth MacDonald, professor and chair of food science and human nutrition, from the University of Missouri-Columbia.
- Leah Kagima, assistant professor of family & consumer sciences education & studies (AESHM), from Zayed University, United Arab Emirates.
- Justin Tobias, associate professor of economics, from the University of California, Irvine.
- Thomas Bobik, associate professor of biochemistry, biophysics and molecular biology, from the University of Florida.

## NSF Day at Iowa State

The National Science Foundation is coming to Iowa State on Friday, October 15. Representatives from four of the NSF directorates and from the Office of International Science and Engineering will make presentations on their programs and will also be available individually and in breakout sessions for more specific discussions of potential research proposals. The Biological Sciences; Mathematical and Physical Sciences; Computer and Information Science & Engineering; and Social, Behavioral and Economic Sciences directorates will have representatives. **You must register with NSF by October 8.** [www.vpresearch.iastate.edu/nsf/](http://www.vpresearch.iastate.edu/nsf/). There is no registration fee for ISU personnel.

## Name Change

Please note that the official name for our office is now the Office of the Vice Provost for Research (VPR). The phrase "and Advanced Studies" is no longer applicable.

## New Patent

To David Wright and Daniel Voytas, GDCB, *Plant Retroelements and Methods Related Thereto*, Patent No. 6,720,479

## Alphabet Soup

OSPA - Office of Sponsored Programs Administration provides Pre- and Post-award services to ISU researchers.

SPA-Sponsored Programs Accounting provides Post-award (accounting) services to ISU researchers.

## Farewell

- Bonita Glatz, university professor of food science and human nutrition, retired August 15.

## Lab Safety Surveys

Environmental Health & Safety recently began conducting more frequent laboratory safety surveys. EH&S has noticed a trend in areas of noncompliance. The most common problems observed have included:

- inadequate record keeping
- lack of written standard operating procedures (SOPs)
- unlabeled or improperly labeled chemical containers
- inadequate safety training for laboratory researchers
- inadequate personal protective equipment being worn in the laboratory
- material safety data sheets (MSDSs) not available for the chemicals being used

EH&S plans to visit each department on campus housing laboratories. If you would like to be added to the fall survey schedule or have compliance questions, contact [Scott Bonney](#) or [Rich McColley](#) at 4-5359.

# Recent Sponsored Funding Awards

October 1, 2004

- Scott McClure, VCS, *Protocol for Evaluation of the Effectiveness of Hyperimmune Plasma to Aid in the Control of Pneumonia Caused by Rhodococcus Equi* from MG Biologics, \$21,699
- To Kristen Johansen and Jorgen Johansen, BBMB, *Regulation of Chromatin Structure* from the National Institutes of Health, \$239,870
- To Richard Pletcher, ME, *Advanced Computational Thermal Fluid Physics and Its Assessment for Light Water Reactors and Supercritical Reactors* from the Idaho National Engineering Laboratory, \$119,000
- To Shihwu Sung, CCEE, *Application of Anaerobic Membrane Bioreactor for Wastewater Treatment* from the National Science Foundation, \$22,736
- To Basil Nikolau, BBMB, Heike Hofmann, Stat, and Eve Wurtele, GDCB, *Functional Genomics of the Biotin Metabolic Network of Arabidopsis* from the National Science Foundation, \$379,996
- To Venkataramana Ajarapu, ECpE, *Remote Non-Destructive Testing and Measurement of Large-Scale Power Systems* from Drexel University, \$110,547
- To Gary Leavens, Comp Sci, *Collaborative Research: Formal Methods for Behavioral Subclassing and Call-backs* from the National Science Foundation, \$58,584
- To Yeon-Kyun Shin, BBMB, *Mechanism of Synaptic SNARE Assembly* from the National Institutes of Health, \$243,075
- To Eileen Thacker, VMPPM, *Efficacy of Aureomycin Chlortetracycline Granulated Premix in Decreasing the Potentiation of PRRSV Pneumonia by Mycoplasma* from Alpharma, Inc., \$28,797
- To Arun Somani, ECpE, *Integrity Monitoring and Recovery Techniques for Next Generation Submicron Microprocessors* from the National Science Foundation, \$12,000

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

- To Bruce Thompson, MSE, and Lisa Brasche, CNDE, *Quantitative Inspection Techniques for Assessing Aging Military Aircraft* from the Department of Air Force, AFOSR, \$900,000
- To Ratnesh Kumar, ECpE, *Nondeterministic Control of Discrete-Event Systems for Language or (Bi) Simulation Equivalence Specifications* from the National Science Foundation, \$70,000

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

- To Ed Jaselskis and Charles Jahren, CCEE, and Tom Cackler, CTRE, *Developing an Effective Construction Training Program for Hispanic Supervisors and Craft Workers* from the Iowa Department of Transportation, \$97,612
- To H. Mark Hanna, ABE, *Combine Clean-Out for Identity-Preserved Grains* from the Leopold Center, \$30,463
- To Hank Harris and Isabel Harris, An Sci, and Kenneth Platt, VMPPM, *Development of a Killed Subunit PRRS Vaccine* from the National Pork Board, \$99,867
- To Mark Honeyman, Iowa State Research Farms, *Beef Cattle Feeding in Deep Bedded Hoop Barns* from the Leopold Center, \$20,000
- To Dong Ahn, An Sci, *Effects of Double Packaging and Antioxidant Treatments on Pinking, Off-Odor, Lipid Oxidation, and Pathogen Survival in Irradiated Pork Products* from the USDA, \$41,000
- To Qijing Zhang, VMPPM, *Antimicrobial Resistant Campylobacter in Swine* from the USDA, \$40,000
- To Joel Coats, Ent, *Biodegradation of Transgenic Crop Residue* from the USDA, \$47,560

**Please recycle!**