

Director Named

Manjit Misra has been named the Director of the Institute for Food Safety and Security.

Misra is professor of Agricultural and Biosystems Engineering and an inventor with five patents on innovative technology. Misra serves on the Scientific Advisory Council of American Seed Trade Association, the Iowa Seed Association Board, and the Iowa Crop Improvement Association Board.

The Institute for Food Safety and Security was created in 2002 as one of six Presidential Academic Initiatives established to respond to critical needs in Iowa and the country. Its mission is to bring together the research, education and outreach components of food safety/security at ISU into one umbrella institute.

According to James Bloedel, "Dr. Misra brings tremendous energy and experience to this leadership position. He has been extremely successful as director of the Seed Center and BIGMAP. I anticipate he will be able to utilize the momentum he has generated in these initiatives to jump start this Institute in a very effective manner."

**Publication
Subvention Grants**

- To Jason Alread and Thomas Leslie, Arch, to assist with purchase of photo rights and diagrams for the text *Archi-Tech: An Integrated Approach to Building Science*
- To Brett Bowles, FLL, to cover the inclusion of illustrations for a book titled *Marcel Pagnol*
- To Kathy Leonard, FLL, to cover publication costs for *Touching Darkness*, a bilingual edition of 30 short stories written by Bolivian author Giovanna Rivero Santa Cruz

New Patent

To Yuh-Yuan Shyy and Manjit Misra, Seed Science Center, *Method of Measuring Flow Rate of Flowable Material Under Continuous Flow Conditions, and an In-Line Continuous Flow Meter*, Patent No. 6,805,014

Research Compliance Corner***Committee Approval and Permits for Work with Biotech Organisms***

If you plan to use a biotech (genetically engineered) organism, plant or seed in research, teaching, or testing in a laboratory or greenhouse setting, you must obtain approval from the Biohazards and Public Health Committee (BPHC), using the committee's Protocol Review Form. If you want to field test a transgenic plant you must obtain approval from the BPHC, using the Field Release Review Form.

Anyone wishing to field test or move (by importation or interstate movement) a biotechnology-derived plant must generally obtain USDA-APHIS permits before proceeding. If you have submitted a notification letter or permit application to APHIS, you must also obtain approval from the BPHC. Research with plants designed to make pharmaceuticals also involves regulation by the FDA because the FDA regulates pharmaceuticals, biologics, human food, and animal feed.

For questions regarding the process for obtaining BPHC approval please contact BPHC Administrator Narda Huyke (4-5412, nardah@iastate.edu). BPHC application forms may be downloaded from <http://www.compliance.iastate.edu>. For more information about the permits that may be required, please contact Beryl Packer (Biosafety Specialist in EH&S; bjpacker@iastate.edu, 4-6366).

Failure to obtain the proper authorizations may result in a range of outcomes including: restriction on the use of the data and materials, confiscation of the materials, negative press and fines for both the investigator and the university, and loss of funding for both the investigator and the university.

Recent Sponsored Funding Awards

May 27, 2005

- To Francine Battaglia, ME; Rodney Fox, Chem E; and Mark Gordon, Chem; *Detailed Reaction Kinetics for CFD Modeling of Nuclear Fuel Pellet Coating for High-Temperature Gas-Cooled Reactors* from the Department of Energy, \$182,493
- To Greg Welk, HHP, *Reliability and Validity of the Youth Media Campaign Longitudinal Study* from Westat, \$99,961
- To Ralph Napolitano, MSE, *Interface Control and 3-D Mechanisms of Branch-Limited Tutectic Growth* from the National Science Foundation, \$70,000
- To Robyn Lutz, Comp Sci, ITR: *Collaborative Research: Natural Language in the Development of High-Confidence Software* from the National Science Foundation, \$6,400
- To Susana Goggi, Agron; Dan Curry, Seed Science; and Kim Bentley, IPRT Company Assistance; *Pre-Treatment Study of Poncho 1250 on Seed Corn* from Bayer Crop Science, \$5,000
- To Jo Anne Powell-Coffman, GDCB, *Genetic Analysis of Hypoxia Signaling and Response* from the American Heart Association, \$75,000
- To Tom Shih, Aero E, *A Lattice Boltzmann Method for Compressible Flows* from Exa Corporation, \$30,000
- To Matthew O'Neal, Ent, *Soybean Aphid in the North Central U.S.: Implementing IPM at the Landscape Scale* from Michigan State University, \$109,999
- To Elliot Krafur, Ent, *Ecology, Genetics and Physiology of Insect Vectors* from the National Institutes of Health, \$282,800
- To Brent Shanks, Chem E, *Design of Nanostructured Organic-Inorganic Hybrid Catalysts for Biorenewable Conversion* from the National Science Foundation, \$102,730
- To Reuben Peters, BBMB, *Rice as a Model System for Investigating Diterpene Synthases* from the USDA, \$232,000

Some Research to Directly Benefit the State of Iowa:

- To Steven Lonergan, Elisabeth Lonergan and Max Rothschild, An Sci, *Continued Selection for Rapid Growth: Implications for Pork Quality* from the National Pork Board, \$90,412
- To Margaret Smith, Value Added Ag, *Organic, Natural and Grass-Fed Beef: Profitability and Constraints to Production in the Midwestern U.S.* from the Iowa Department of Natural Resources, \$31,850
- To Tom Cackler, CTRE, *Equipment for the PGA Mobile Laboratory* from the Iowa Department of Transportation, \$70,000
- To Bruce Babcock, Econ, *International Competitiveness and Marketability of Midwest Agribusiness Products* from the USDA, \$571,333

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

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