



RESEARCH MATTERS

Editor: Connie Shanahan ♦ Research Development and Administration / www.siu.edu/orda ♦ SIUC

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SIUC Joins the National Collegiate Inventors and Innovators Alliance

— by Prudence M. Rice, Acting Director

Southern Illinois University Carbondale has just become a member of the National Collegiate Inventors and Innovators Alliance (NCIIA), a relatively new interdisciplinary community of faculty and students with an interest in team-based, commercially focused innovation. NCIIA supports faculty and students in the development of products and ventures, as they prepare to pursue careers in invention, innovation, and entrepreneurship.

We joined NCIIA as part of the University's increasing efforts in tech transfer, commercialization, and community development, as highlighted by establishment of the Southern Illinois Research Park, two state-funded organizations, SouthernTECH and the governor's proposed Entrepreneurship Center, and the recently inaugurated Southern Angels Business Plan contest.

At the core of NCIIA-sponsored endeavors among member institutions is the "E-Team," in which "E" stands for excellence and entrepreneurship. E-Teams are multidisciplinary teams of students who work with faculty and mentoring professionals to develop ideas, products, or inventions to solve problems and to create licensable technologies, products, and enterprises.

The NCIIA has two grant programs for member universities, with two competitions per year; the next deadline is December 15, 2003. One grant program, "Course and Program Grants," funds the development, implementation, and institutionalization of new courses and educational programs to generate high-quality E-Team activities and support invention, innovation, and entrepreneurship education. These grants of up to \$50,000 allow student teams to develop innovative, entrepreneurial solutions to real-world problems.

E-Teams that continue their work beyond the initial course may apply for "Advanced E-Team Grants" of up to \$20,000 to support the development and commercialization of new and existing products, technologies, and ventures. These grants are renewable for up to three years.

The NCIIA also sponsors faculty conferences and workshops and publishes various items, including a newsletter and two useful mini-books. One of these is entitled "Getting Started as an Entrepreneur: A Guide for Students" and the other is "The Entreclub Handbook: An Operating Manual for Student Entrepreneurship Clubs" (this latter can be downloaded from the NCIIA website).

We hope that students, staff, faculty, and deans will be excited about this new opportunity for experiential and interdisciplinary learning that involves science, engineering, agriculture, law, business, medicine, and a variety of other fields and disciplines. For more information, visit the NCIIA website at www.nciia.org.

OF SPECIAL NOTE

Upper and Middle Mississippi Valley CESU Approved

SIUC is a member of the newly established Upper and Middle Mississippi Valley Cooperative Ecosystem Studies Unit, which was recently approved by the Cooperative Ecosystem Studies Unit (CESU) Council. The Mississippi Valley unit joins 12 already-existing CESUs covering much of the United States.

CESUs are set up to conduct interdisciplinary ecological research for the federal government. The stated objectives of the CESU network include providing resource managers with high-quality scientific research, technical assistance, and education; creating and maintaining effective partnerships among federal agencies and universities to share resources and expertise; and managing federal science resources efficiently.

The University of Missouri-Columbia will serve as host institution of the Upper and Middle Mississippi Valley CESU. Besides Missouri and SIUC, university partners are the University of Minnesota, Iowa State University, University of Iowa, Drake University (Ia.), University of Illinois, Indiana University, University of Kansas, Lincoln University (Mo.), and Southwest Missouri State University.

Non-university partners include the Audubon-Upper Mississippi River Campaign, Audubon Missouri, the Conservation Federation of Missouri, the Missouri Botanical Garden, the Missouri Department of Natural Resources, and the National Mississippi River Museum and Aquarium.

Federal participating agencies are the Bureau of Land Management, National Park Service, and U.S. Geological Survey-Biological Resources Division.

For more information, see www.cesu.org/cesu/, or contact SIUC's representative, Chris Kohler, Director of the SIUC Fisheries and Aquaculture Center, at 6-7761 or ckohler@siu.edu.

FUNDING OPPORTUNITIES

For more details about these programs, contact Connie Shanahan, ORDA information specialist, at 3-4530 or cshan@siu.edu.

NEH Summer Stipends

Summer stipends from the National Endowment for the Humanities will provide \$5,000 for two consecutive months of full-time independent study and research during the summer of 2004. Program guidelines are available at www.neh.gov. Each institution is responsible for coordinating the nomination process for its faculty, and can submit only two nominees, one of whom should be a junior faculty member (pre-tenure).

In response to recommendations made by last year's reviewers, ORDA is changing the internal application/review procedures for the Summer Stipend Program to give faculty plenty of time to prepare their applications, and to allow SIUC reviewers more time to read the applications. Therefore:

Letters of Intent should be submitted to Connie Shanahan, ORDA, on or before Monday, May 15. The letter of intent should include the title and an abstract of the proposed research project.

Final Proposals will be due in ORDA on Tuesday, September 2. The NEH deadline is October 1.

Illinois Humanities Council: Media Grants

The Illinois Humanities Council awards Media Grants to nonprofit organizations or institutions that increase public understanding and appreciation of the humanities. There are two components to Media Grants: development projects (up to \$4,000) and production projects (usually to a maximum of \$10,000). All projects must be rooted in one or more of the humanities disciplines, must integrally feature humanities scholars in all phases

of the project, must be public in character, and must share at least 50 percent of the total project budget.

Optional draft proposals may be submitted by February 1 or July 1 for IHC staff feedback. Website: www.prairie.org

DEADLINES: Aug. 15, Apr. 15

Alger Fellowship on American Popular Culture

The University Libraries, Northern Illinois University, invite applications for the Horatio Alger Fellowship for the Study of American Popular Culture. Funding is available to scholars who will be using materials from the libraries' major holdings in American popular culture. These include the Albert Johannsen Collection of more than 50,000 dime novels, and the nation's preeminent collections related to Horatio Alger, Jr., and Edward Stratemeyer. Topics which could draw on the collections' strengths might include the plight of urban children, image of the American West in popular literature, widespread use of pseudonyms, and stereotypical portrayals. Preference will be given to applicants who signify an interest in conducting research related to Horatio Alger, Jr.

The fellowship award consists of a \$1,500 stipend, and may be used between July 1 and December 31, 2003. Candidates should submit a letter of interest, a curriculum vitae, a brief proposal for their research, and two letters of recommendation. Website: www.niulib.niu.edu/rbsc/2ha1.html

DEADLINE: Jun. 14

Lindbergh Foundation

Each year the Charles A. and Anne Morrow Lindbergh Foundation provides 9-10 grants of up to \$10,580 (a symbolic amount representing the cost of the "Spirit of St. Louis") to men and women whose individual initiative and work in a wide spectrum of disciplines furthers the Lindberghs' vision of a balance between the advance of technology and the preservation of the natural/human environment.

Lindbergh Grants are made in the following categories: agriculture; aviation/aerospace; conservation of natural resources, including animals, plants, water, and general conservation; education, including humanities/education, the arts, and intercultural communication; exploration; health, including biomedical research, health and population sciences, and adaptive technology; and waste minimization and management. A Jonathan Lindbergh Brown Grant may be given to a project to support adaptive technology or biomedical research that seeks to redress imbalance between individuals and their human environment.

Lindbergh Grants are awarded to individuals for research or public education projects. Candidates for grants are not required to hold any graduate or post-graduate academic degrees. Citizens of all countries are eligible. Approximately 200 formal grant applications are received each year.

Website: www.lindberghfoundation.org/grants

DEADLINE: Jun. 12

American Statistical Assoc.: Agricultural Surveys

The American Statistical Association (ASA), in cooperation with the National Agricultural Statistics Service (NASS) of the U.S. Department of Agriculture (USDA), conducts a Research Fellow and Associate Program. The program is designed to provide research opportunities or experience in the **application of statistical theory in all phases of large-scale agricultural survey operations**, including design, collection, quality control, forecasting, estimation, and analysis. Fellows and Associates conduct research in residence at NASS, gaining unique opportunities for use of extensive NASS data and interaction with NASS staff. Applicants may request to work in a specific area or on a special problem, propose a broad area of learning, or seek an open program of research related to an area of expertise.

NASS has a number of survey-related facilities and features a large number of

state offices capable of carrying out surveys utilizing a large corps of field and telephone enumerators. A number of regularly scheduled surveys provide vehicles for evaluating single or multiple frame methodologies.

Applicants for fellowship awards should hold a doctorate and have an established, recognized research record and considerable expertise in their area of proposed research. Applicants for associate awards are expected to have completed a Ph.D. in an appropriate field or to have made significant progress toward the degree (at least two years of graduate study). The program year normally begins in January or September, but it is possible for an applicant to begin at another date.

Website: www.amstat.org

DEADLINES: Jul. 1, Mar. 1

NIGMS: Exploratory Studies for High-Impact/High-Risk Research

The National Institute of General Medical Sciences (NIGMS) supports exploratory, high-impact/high-risk research that involves an especially high degree of innovation and novelty. Research projects proposed under this program may lack preliminary data establishing feasibility, but should present the opportunity for conceptual or technological breakthroughs.

NIGMS encourages research projects in the following classes: projects to test novel and significant hypotheses for which there is scant precedent or preliminary data and which, if confirmed, would have a substantial impact on current thinking; projects to explore a new experimental organism or system in order to address particularly difficult basic biomedical questions for which the new system would be particularly advantageous; and projects to develop innovative techniques or methodologies with wide applicability to the study of basic biomedical problems.

The projects must support the NIGMS mission—i.e., research in cell biology and molecular biophysics; fundamental mecha-

nisms of inheritance and development that typically utilize non-human model systems; basic studies in pharmacology, physiology, biochemistry, bio-related chemistry, and anesthesiology; research in bioinformatics and computational biology; basic studies in biotechnology and metabolic engineering; development and refinement of bioanalytical methods and instrumentation; and trauma and burn injury.

This program uses the NIH Exploratory/Developmental Research Grant (R21) award mechanism, which funds projects for direct costs of up to \$275,000 for the two-year period.

Website: grants.nih.gov/grants/guide/pa-files/PA-03-100.html.

DEADLINES: Jun. 1, Oct. 1, Feb. 1

Other NIH Programs

Program announcements and requests for applications for the following National Institutes of Health programs can be obtained at www.grants.nih.gov/grants/guide/index.html. Deadlines vary with program and funding mechanism.

- Addendum - Continued Development and Maintenance of Bioinformatics and Computational Biology Software (NOT-CA-03-020)
- Innovative Grants on Immune Tolerance (RFA-AI-03-010)
- Tropical Disease Research Units (RFA-AI-03-018)
- Safe Practices Implementation Challenge Grants (RFA-HS-03-005)
- National Center for Childhood Agricultural Injury Prevention (RFA-OH-03-001)
- Centers for Agricultural Disease and Injury Research, Education, and Prevention (RFA-OH-03-002)
- Treatment of Adolescents with Alcohol Use Disorders (PA-03-088)
- Cancer Education Grant Program (PAR-03-093)
- Gene Discovery for Complex Neurological and Neurobehavioral Disorders (PAS-03-092)
- NCI, Administrative Supplement Requests: Instrumentation Grants for

Small Animal Imaging Equipment (NOT-CA-03-016)

- NIBIB, Mentored Research Scientist Development Award (K01) addendum (NOT-EB-03-003)
- Long-Term Cancer Survivors Research Initiatives (RFA-CA-04-003)
- Biomechanical Modeling of Movement (RFA-HD-03-011)
- NIOSH, Community Partners for Healthy Farming Intervention (RFA-OH-03-004)
- Collaborative Program for the Identification and Prevention of Work-Related Musculoskeletal Disorders (RFA-OH-03-006)
- NIH Small Research Grant Program (PA-03-108)
- Innovations in Biomedical Computational Science and Technology (PAR-03-106)
- NLM Senior Individual Biomedical Informatics Fellowships (PAR-03-109)
- NIH Exploratory/Developmental Research Grant Award (PA-03-107)

American Cancer Society— Illinois Division

This program supports projects that show promise of producing significant new information directly related to cancer. Focused applications showing reasonable goals that can be accomplished within one year and that can be carried out with the requested budget are encouraged. Proposals must be independent, investigator-driven research. Proposals will not be accepted from investigators who are listed as principal or co-principal investigator on current national-level, nonsalary-related funding from any organization outside the institution of the principal investigator. Proposals dealing primarily with routine drug development, routine drug modification, and/or screening will not be accepted. No stipend or salary will be paid to the principal investigator.

Website: www.cancer.org

DEADLINES: Aug. 4, Oct. 6

Research on Children Exposed to Violence

A coalition of federal agencies, including the Centers for Disease Control, several institutes of the National Institutes of Health, the NIH's Office of Behavioral and Social Sciences, the Administration for Children and Family, the Department of Education, and the Substance Abuse and Mental Health Services Administration (SAMHSA), is inviting research grant applications that will enhance understanding of children exposed to domestic violence, community violence, and war/terrorism. This program announcement (PAR 03-096) is designed to develop new knowledge in these areas and in the definition, identification, epidemiology, prevention, etiology, effects, early intervention, and mechanisms of violence exposure. Studies should focus on children exposed to domestic violence, community or school violence, or civil strife/war/terrorism in the United States and, or in comparison with, other countries.

Website: grants.nih.gov/grants/guide/pa-files/PAR-03-096.html

DEADLINES: Jun. 25 (2003, 2004); Jun. 24, 2005

NSF Programs

More information on these programs is available at www.nsf.gov.

- Partnerships for Research and Education in Materials (nsf03564)
- Cooperative Activities in Materials Research Between the National Science Foundation and the European Commission (nsf03565)

International Graduate Study and Research Grants

The Institute of International Education (IIE), in cooperation with the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board, have announced the 2004-2005 Fulbright U.S. Student Program competition. This program awards approximately 1,000 grants

annually for graduate research and study in other nations.

Grants generally provide funding for round-trip travel, maintenance for one academic year, health and accident insurance, and full or partial tuition. Fulbright travel-only grants are also available to limited countries. Applicants must be U.S. citizens at the time of application and hold a bachelor's degree or the equivalent by the beginning of the grant.

For more information, applicants should visit the Fulbright U.S. Student Program website at www.iie.org/fulbright. SIUC students should contact campus Fulbright Program Adviser Thomas Saville, 3-3885, for application forms and further information.

DEADLINES: SIUC—Sep. 22; IIE—Oct. 21

GRANT DEADLINES

June and July 2003

Information on many of these programs is available on the IRIS and Community of Science databases at www.siu.edu/orda. The ORDA website has links to funding agency websites and general government information sites, as well as NIH and NSF updates. Note: Proposals with signatures should be submitted to ORDA at least two working days before they must be mailed to the agency.

June 2003

Federal

Health and Human Services

Jun 1 NIH: Academic Career Awards; Independent Scientist Awards; Mentored Research Scientist Development Awards; Program Project Grants; Research Project Grants; Senior Scientist Awards; Support of Scientific Meetings

(HHS cont.)

- Jun 6 AHRQ, Department of Veterans Affairs: Translating Research into Practice—Joint Program Announcement
- Jun 9 NIMH: Mechanism for Time-Sensitive Research Opportunities
- Jun 10 Fogarty Center: International Clinical, Operational, and Health Services Research Training for AIDS and Tuberculosis
- Jun 13 NIMH: Developing Disaster Mental Health Research Capacity Through Education
- Jun 15 NIH: Investigator-Initiated Interactive Research Project Grants
- Jun 17 NIDCD: Auditory/Perceptual Processing by Infants with Hearing Loss— Issues in Clinical Assessment and Management
- Jun 18 NIDA: Neuroimaging the Effects of Drugs of Abuse on the Development of the Human Nervous System; Stress and Drug Abuse: Epidemiology, Etiology, Prevention, and Treatment
- Jun 20 NIH: Developmental/Pilot Projects in Cancer Complementary and Alternative Medicine
- Jun 23 NHLBI: Short-Term Training for Minority Students
- Jun 24 NIA: Multicenter Study on Exceptional Survival in Families

NASA

- Jun 2 Jet Propulsion Laboratory—Planetary Science Summer School
- Jun 13 Einstein Probes; Terrestrial Planet Finder/Foundation Science; Solar System Exploration Division: Origins of Solar Systems
- Jun 20 Near Earth Object Observations Program
- Jun 27 Planetary Astronomy Program

National Endowment for the Arts

- Jun 2 Challenge America: Access to the Arts
- Jun 16 Learning in the Arts for Children and Youth

National Science Foundation

- Jun 1 EHR: Research on Learning and Education (ROLE)
- Jun 1 GEO: Geology and Paleontology; Geophysics; Hydrologic Sciences; Petrology and Geochemistry; Tectonics
- Jun 2 BIO, EHR, MPS: Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences
- Jun 2 MPS: Chemistry Research Facilities
- Jun 3 SBE: Science and Technology Centers—Integrative Partnerships
- Jun 4 EHR: Graduate Teaching Fellows in K-12 Education
- Jun 9 CISE: Extensible Terascale Facility
- Jun 10 CISE: Special Projects in Networking Research
- Jun 10 ENG: Research Experience for Teachers
- Jun 11 ENG: Information and Communications Systems for Surface Transportation
- Jun 11 SBE: Human and Social Dynamics—Enhancing Human Performance
- Jun 12 ENG: Small Business Technology Transfer—Electronics; Information-Based Technologies
- Jun 12 SBE: Human and Social Dynamics—Empirical Implications of Theoretical Models
- Jun 15 BIO: Undergraduate Mentoring in Environmental Biology Planning Activities
- Jun 16 SBE: International Cooperative Research; Joint Seminars and Workshops
- Jun 16 CISE: Advance Program Fellows Awards
- Jun 18 CISE: Highly Dependable Computing and Communication Systems Research

(NSF cont.)

- Jun 18 EHR: Educational Materials Development; National Dissemination
- Jun 15 ENG: Grants for the Department-Level Reform of Undergraduate Engineering Education
- Jun 27 BIO: Research Coordination Networks in Biological Sciences
- Jun 30 ENG: Industry/University Cooperative Research Centers Program
- Jun 30 MPS: Joint DMS/NIGMS Initiative to Support Research Grants in Mathematical Biology

Oak Ridge Associated Universities

- Jun 1 Graduate, Recent Graduate, and Undergraduate Student Opportunities: Higher Education Research Experiences at ORNL for Students; National Energy Technology Laboratory; Savannah River Site Professional Internships

Supreme Court of the United States

- Jun 6 Judicial Internship Program

State of Illinois**Illinois Arts Council**

- Jun 1 Arts-in-Education Residency

Illinois Humanities Council

- Jun 15 Mini-Grants

Other**American Indian Graduate Center**

- Jun 2 American Indian and Alaskan Native Fellowships

American Indian Science and Engineering Society

- Jun 15 Anderson Scholarship; AISES/Bureau of Reclamation Scholarship and Internship; EPA Tribal Lands Environmental Science Scholarship

American Society for Information Science and Technology

Jun 15 ISI/ASIS Citation Analysis Research Grant

Barth Syndrome Foundation

Jun 27 Research Grants

Communication Arts

Jun 6 Advertising Annual; Graphic Design Annual

Consortium for Plant Biotechnology Research

Jun 27 Bioenergy and Environment

Demarest Trust

(Arts, Archaeology)

Jun 1 Grants

Emory University

Jun 1 Woodruff Library Fellowships

Friends of the National Zoo

Jun 15 Communications Internships

German Academic Exchange Service

Jun 15 Guest Lectureships

Geyer Foundation

(Cancer Research)

Jun 1 Grants

Hagley Museum and Library

Jun 30 Center for the History of Business Technology and Society: Grants-in-Aid; Du Pont Fellowship

Hereditary Disease Foundation

Jun 15 Postdoctoral Fellowships; Research Grants

Institute of International Public Law and International Relations

Jun 15 Annual Session Scholarships

Institute for Public Relations

Jun 1 Master's Thesis Award; Pathfinder Awards

International Life Sciences Institute - North America

Jun 7 Future Leader Awards

Inventure Place

Jun 1 Collegiate Inventors Competition

Jackson Foundation

(International Studies, Environment, Social and Political Sciences)

Jun 1 Grants

Japan-United States Friendship Commission

Jun 26 U.S./Japan Creative Artists Program

Johnson Foundation

Jun 13 Substance Abuse Policy Research Program

Lincoln Arc Welding Foundation

Jun 12 Lindbergh Program

Lindbergh Foundation

Jun 12 Grants

MacArthur Foundation

Jun 15 Research and Writing Grants for Individuals/Former Soviet Union

Minneapolis Institute of Arts

Jun 1 Internships

Multiple Myeloma Research Foundation

Jun 15 Collaborative Program Grant

Muscular Dystrophy Association

Jun 15 Development Grants; Research Grants; Special Research Grants (Scientific Meetings)

NAFSA Association of International Educators

Jun 9 International Education Week Grants

National Academies

Jun 1 Science and Technology Policy Internships

National Trust for Historic Preservation

Jun 1 Preservation Services Fund

Northern Illinois University

Jun 14 Horatio Alger Fellowship for the Study of American Popular Culture

Paralyzed Veterans of America

Jun 1 Spinal Cord Research Foundation

Reeve Paralysis Foundation

Jun 15 Research Grants

Saint Louis University

Jun 1 Knights of Columbus Vatican Film Library; Mellon Fellowships

Smithsonian Institution

Jun 1 Hirshhorn Museum and Sculpture Garden: Graduate Internships; Native American Internships

Jun 15 National Museum of African Art: Internships; Friends of the National Zoo: Internships; Minority Student Internships

University of Michigan

Jun 1 Center for the Education of Women: Visiting Scholar Program

Washington Center

Jun 1 Internship Program: Native American Leadership
Jun 13 Diversity Leaders Internship; Diversity in Congress Program; Internship Program: Quarter/Summer, Semester/Summer Programs

Whitehall Foundation

(Neurobiology)

Jun 1 Grants-in-Aid; Research Grants

Wilson International Center for Scholars

Jun 1 East European Studies: Short-Term Grants
Jun 1 Kennan Institute: Short-Term Grants

World Health Organization

- Jun 20 Basic and Strategic Research Workplan: Molecular Entomology; Pathogenesis and Applied Genomics; Chagas Disease: Intervention Development and Implementation; Strategic Social, Economic, and Behavioral Research

July 2003**Federal****Defense**

- Jul 23 U.S. Army Medical Research and Materiel Command: Neurofibromatosis Research Program—Investigator-Initiated Research Awards; New Investigator Awards; Therapeutic Development Awards
- Jul 23 Tuberous Sclerosis Complex Research Program: Idea Development Awards

Environmental Protection Agency

- Jul 24 Epidemiologic Research on Health Effects of Long-Term Exposure to Ambient Particulate Matter and Other Air Pollutants
- Jul 31 Microbial Risk in Drinking Water

Energy

- Jul 31 Oak Ridge Associated Universities: Undergraduate and Graduate Student Opportunities—Dept. of Commerce Internship for Postsecondary Students
- Jul 31 Fermi National Laboratory: Peoples Fellowship

Health and Human Services

- Jul 9 NIMH: Mechanism for Time-Sensitive Research Opportunities
- Jul 15 NIH: Innovative Grants on Immune Tolerance
- Jul 15 NIA: Pilot Research Grants

(HHS cont.)

- Jul 16 NIH: Mind-Body Interactions and Health: Exploratory/Developmental Research Program and Infrastructure
- Jul 21 NCIS: Applications of Innovative Technologies for the Molecular Analysis of Cancer—Phased Innovation Award; Cancer Research Small Grants; Development of Novel Technologies for In Vivo Imaging; Innovative Technologies for the Molecular Analysis of Cancer
- Jul 24 AHRQ: Small Research Grants
- Jul 27 Women's Reproductive Health—Research Career Development Centers

NASA

- Jul 11 Office of Space Science: Astrophysics Data Analysis Program; Long-Term Space Astrophysics
- Jul 16 Office of Space Science: Astrophysics Theory Program
- Jul 18 Sample Return Laboratory Instrument and Data Analysis
- Jul 25 Sun-Earth Connection Division: Geospace Sciences
- Jul 30 Materials Science Program
- Jul 31 Cellular and Macromolecular Biotechnology Program

National Endowment for the Humanities

- Jul 1 Preservation Education and Training; Research and Development Projects for Preservation Education and Training
- Jul 15 Preserving and Creating Access to Humanities Collections

National Science Foundation

- Jul 1 BIO: Living Stock Collections
- Jul 1 CISE: Cultural Anthropology Program—Doctoral Dissertation Research Improvement Awards; Physical Anthropology
- Jul 3 Chemistry Research Instrumentation and Facilities: Departmental Multi-User Instrumentation

(NSF cont.)

- Jul 10 BIO: Biodiversity Surveys and Inventories; Ecology; Ecosystems Studies; Long-Term Research in Environmental Biology
- Jul 10 BIO, CISE: Behavioral Neuroscience; Computational Neuroscience; Developmental Neuroscience; Neuroendocrinology; Neuronal and Glial Mechanisms; Animal Behavior; Ecological and Evolutionary Physiology; Integrative Animal Biology; Integrative Plant Biology; Plant and Microbial Developmental Mechanisms Cluster; Metabolic Biochemistry; Molecular Biochemistry; Molecular Biophysics; Cellular Organization and Regulation; Signal Transduction and Cellular Regulation; Biochemistry of Gene Expression; Microbial Genetics
- Jul 14 BIO: Biological Databases and Informatics
- Jul 15 GEO: Faculty Early Career Development
- Jul 15 SBE: Cognitive Neuroscience—Doctoral Dissertation Research Improvement Awards, Individual Investigator Research Awards, Workshops; Linguistics—Doctoral Dissertation Research Improvement Awards; Perception, Action, and Cognition Doctoral Dissertation Research Improvement Awards; Social Psychology
- Jul 15 SBE, DLS: Multidisciplinary Program of Children's Research—Individual Investigator Research Projects; Workshops and Small Conferences
- Jul 15 SBE: Human and Social Dynamics: Special Competition for FY2003—Decision Making Under Uncertainty—Center, Development Program
- Jul 18 BIO: Biological Research Collections

(NSF cont.)

- Jul 18 MPS: Cooperative Activities in Materials Research Between NSF and the European Commission
- Jul 22 BIO: Faculty Early Career Development
- Jul 23 EHR: Faculty Early Career Development
- Jul 24 GEO, MPS, SBE: Faculty Early Career Development
- Jul 28 Vertical Integration of Research and Education in the Mathematical Sciences

Other**American Association for the Advancement of Science**

- Jul 15 International Division, Program on Europe and Central Asia: Women's International Science Collaboration Program

American Diabetes Association

- Jul 15 Career Development Award; Innovation Awards; Junior Faculty Awards; Research Awards

American Fibromyalgia Syndrome Association

- Jul 29 Research Grants

American Heart Association

- Jul 14 National Established Investigator Award
- Jul 15 Grants-in-Aid; Physician-Scientist Postdoctoral Fellowship; Postdoctoral Fellowship

American Statistical Association

- Jul 1 ASA/USDA/NASS Fellowship Research Program

American Water Works Association Research Foundation

- Jul 15 Research Grants

Amyotrophic Lateral Sclerosis Association

- Jul 1 Postdoctoral Fellowships

Bader Foundation

- Jul 2 Alzheimer's Disease and Dementia

Bradley Foundation

- (Education, Law, Social Sciences, Economics, Political Science, Government, Politics, Public and Civic Affairs, Public Policy)
- Jul 1 Grants

Center on Budget and Policy Priorities

- Jul 15 AmeriCorps-National Civilian Community Corps

Crohn's and Colitis Foundation of America

- Jul 1 FIRST Award; Career Development Awards; Research Fellowship Awards; Senior Research Award

Damon Runyon Cancer Research Foundation

- Jul 1 Scholar Award

German Academic Exchange Service

- Jul 15 Guest Lectureships

Grant Foundation

- Jul 1 W.T. Grant Scholars Program

International Union Against Cancer

- Jul 1 Yamagiwa-Yoshida Memorial International Cancer Studies

Japan Foundation

- Jul 1 Education; Grassroots Exchange; Intellectual Exchange

Korea Foundation

- Jul 31 Fellowships for Field Research and Korean Language Training

Matsumae International Foundation

- Jul 31 Fellowships for Residencies in Japan

Melanoma Research Foundation

- Jul 1 Research Grant

National Academy of Social Insurance

- Jul 1 Heinz Dissertation Award Competition

National Alliance for Research on Schizophrenia and Depression

- Jul 25 Young Investigator Award

National Association of Science Writers

- Jul 1 Science-in-Society Journalism Award

Pfeiffer Foundation

- (Medicine, Pharmacy)
- Jul 25 Grants-in-Aid

Rhodes University

- Jul 31 le May Fellowship

Rolex

- Jul 31 Rolex Awards for Enterprise

Shriver Center/Floating Hospital Alliance

- Jul 15 Postgraduate Fellowship in Maternal and Child Health

Smithsonian Institution

- Jul 1 Architectural History and Historic Preservation Internships; Archives Internships
- Jul 15 Internships: Sackler Gallery, Freer Gallery of Art, National Museum of American History; Education and Museum Studies

United States-Japan Foundation

- (Strengthening Mutual Understanding Between the U.S. and Japan Through Communication and Public Opinion, Precollege Education, and Public Policy)
- Jul 15 Grants

University of Illinois at Urbana-Champaign

- Jul 14 Alliance Allocations Board: Supercomputer Time

Upjohn Institute for Employment Research

- Jul 7 Dissertation Award

Wildlife Conservation Society

- Jul 1 Research Fellowship

Wiley Foundation

- Jul 31 Prize in Biomedical Sciences

AWARDS PROCESSED

Externally funded grants and contracts processed during April 2003

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*Environmental Assessment of the Sparta National Guard Training Facility	J. Garvey R. Heidinger M. Lydy M. Whiles	Fisheries Center Fisheries Center Fisheries Center Zoology	Illinois National Guard/ Department of Military Affairs	\$148,566
Quad Cities Fisheries Investigations	C. Kohler	Fisheries Center	Exelon Generation	\$210,000
*Channel Morphology Responses to Streamflow Increases Following Harvesting and Road Construction in Forested Watersheds	K. Williard	Forestry	USDA/USFS	\$20,000
Scanning Electron Microscope Studies	J. Bozzola	IMAGE	Various Donors	\$2,220
Ulysses S. Grant Research	J. Simon	Library Affairs	Ulysses S. Grant Association	\$26,903
*Strain Rate in Cyclic Loading Test Analysis	S. Yen	Materials Technology Center	Sparta, Inc. (USDOC)	\$20,000
*Osteoporosis Provider Education - Women's Health Initiative	R. Pamenter	Medicine	IDPH	\$47,162
Editorship of <i>Archives of Microbiology</i>	M. Madigan	Microbiology	Springer-Verlag	\$3,000
*Measuring Saturated Hydraulic Conductivity of Coarse-Textured Root Zone Mixes	S. Chong	Plant, Soil, & General Ag	U.S. Golf Association Foundation	\$53,446
*Beneficial Duration of Various Tillage Treatments in Suppression of Soybean SDS	S. Chong J. Bond J. Russin	Plant, Soil, & General Ag Plant, Soil, & General Ag Plant, Soil, & General Ag	IDA	\$38,525
Woody Plants Propagation	J. Preece	Plant, Soil, & General Ag	Lafayette Marketing	\$5,000
Calibration of a New Mineralizable Nitrogen Soil Test to Predict Fertilizer N Needs of Corn in Manured and Non-Manured Southern Illinois Fields	E. Varsa	Plant, Soil, & General Ag	IDA	\$49,810
Sustainable Agriculture Research	B. Young	Plant, Soil, & General Ag	Bayer CropScience	\$1,500

Title	Investigator(s)	Department(s)	Agency	Award
*Economic Restructuring, Women's Work, and Empowerment in Bangladesh	K. Ward	Sociology	NSF	\$199,970
*Emerging Wildlife Disease: Threats to Amphibian Biodiversity	K. Lips	Zoology	Arizona State U (NSF)	\$84,853
*Collaborative Research: Response of Tropical Ecosystem Structure and Function to Amphibian Declines	M. Whiles K. Lips	Zoology Zoology	NSF	\$400,000

Training Awards

EMBA Program in Singapore	R. Rivers	Accountancy	Various Donors	\$37,852
Off-Campus Program Location at Nakajo, Japan	J. Dorn C. Svec K. Swindell	International Programs International Programs International Programs	Pacific School Entity (Japan)	\$771,593
PEET: Monographic and Phylogenetic Studies of Simple Thalloid Hepatics (Jungermannopsida, Metzgeriidae)	R. Stotler B. Crandall-Stotler	Plant Biology Plant Biology	NSF	\$150,000

Other Awards

Nutrition Services	P. Welch	Animal Science, Food and Nutrition	Rehab and Care Center of Jackson County	\$13,296
Postsecondary Career and Technical Education Plan	F. Isberner	Applied Sciences and Arts	Illinois Community College Board (USED/ISBE)	\$6,834
Ready to Learn	C. Isberner	Broadcasting Service	Public Broadcasting Service	\$5,250
ESL Home-Based Literacy Program	J. Sullivan W. Henk	Curriculum and Instruction Curriculum and Instruction	Suburban Council of the International Reading Association	\$2,000
Evaluation Service for ICVP	T. Heiple D. Shannon	Economic Development Economic Development	Illinois Center for Violence Prevention	\$15,000
Southern Illinois Manufacturing Extension Center Program Income	L. Lindberg	Economic Development	Various Donors	\$4,500
Motorcycle Rider Program Registration	D. Ritzel M. Ashner	Health Ed and Recreation Health Ed and Recreation	Various Donors	\$19,509
British Ecological Society <i>Journal of Ecology</i> Editorship	D. Gibson	Plant Biology	British Ecological Society	\$6,300

Title	Investigator(s)	Department(s)	Agency	Award
*Strengthening Community Colleges in Working with Special Needs Students and Minority Students	M. Lawrence	Public Policy Institute	Illinois Community College Board	\$75,000
*Employability Development	J. Bordieri S. Burke	Rehabilitation Institute Rehabilitation Institute	IDHS	\$55,756
*Behavioral Consultant Group	M. Dixon	Rehabilitation Institute	Caritas Peace Center of Louisville, Kentucky	\$8,309
*Family Literacy in Practice (FLIP)	D. Shelton K. Humphreys	Rehabilitation Institute Rehabilitation Institute	ISOS/ISL/Penny Severns' Grant	\$4,440
Southern Illinois Manufacturing Extension Center Program Income	L. Lindberg	Small Business Development Center	Various Donors	\$159,382

*indicates new award

Awards Processed During April 2003 (36) \$2,646,256

Summary of Fiscal Year 2003 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2003 Awards as of April 2003		Fiscal Year 2002 Awards as of April 2002	
Research	(300)	\$25,951,589	(276)	\$22,355,397
Training	(76)	\$5,656,798	(74)	\$5,386,203
Other	(134)	\$17,729,288	(159)	\$23,583,597
Federal	(103)	\$16,759,318	(106)	\$17,360,262
State	(172)	\$21,440,535	(165)	\$21,346,497
Industry	(83)	\$2,196,090	(86)	\$2,047,109
Foundation	(28)	\$1,070,738	(23)	\$1,122,953
Other	(124)	\$7,870,994	(129)	\$9,448,376
TOTAL	(510)	\$49,337,675	(509)	\$51,325,197

ORDA DIRECTORY of ASSISTANCE

web site: www.siu.edu/orda

Woody Hall C-206 • phone: 453-4540 • fax: 453-8038 • mailcode: 4709 • orda@siu.edu

Prudence M. Rice, Acting Director, 453-4531, pmrice@siu.edu

FUNDING OPPORTUNITIES, ORDA WEB SITE, RESEARCH MATTERS

- Connie Shanahan, 453-4530, cshan@siu.edu

OTHER ORDA PUBLICATIONS

- Marilyn Davis, 453-4540, mdavis@siu.edu
- ORDA's web site features a comprehensive *Sponsored Project Guide* (online only). See www.siu.edu/orda/reports for a list of other print and online publications, including the annual *SIUC Research Profile* and *Perspectives magazine*.

PROPOSAL ASSISTANCE (PRE-AWARD)

(*proposal planning, budget preparation, assurances, institutional signoff process, electronic proposal submission, etc.*)

- **Agriculture, Law:** Carolyn Donow, 453-4538, cdonow@siu.edu
- **Applied Sciences, Business, Education, Engineering, Mass Communication, OERD:**
Steve Banker, 453-4540, sbanker@siu.edu
- **Liberal Arts, Medicine:** Connie Shanahan, 453-4530, cshan@siu.edu
- **Library, Science:** Karen Renzaglia, 453-4549, renzaglia@plant.siu.edu

GRANT MANAGEMENT ASSISTANCE (POST-AWARD)

(*negotiating/processing grant awards and subcontracts, establishing accounts, requesting time extensions and budget revisions, etc.*)

- Sonjie Schwartz, 453-4541, sonjie@siu.edu
- Rex Duncan, 453-4542

TECHNOLOGY TRANSFER / PATENTS & COPYRIGHTS

- Jeff Myers, 453-4556, jmyers@siu.edu

INTERNAL GRANT PROGRAMS

For applications and information, see www.siu.edu/orda/internal. Programs currently being offered are the Faculty Seed Grant Program (deadlines are published in this newsletter), the Matching Funds Program, and the Travel Support Program.

RESEARCH SUPPORT FACILITIES

For information on the facilities, which provide services ranging from micro-imaging to equipment fabrication and scientific illustration, see www.siu.edu/~over/support.html.

HUMAN SUBJECTS RESEARCH COMPLIANCE

Institutional approval is required in advance for **all** research projects involving human subjects. For more information, see www.siu.edu/orda/human, or contact: Karen Rowland, Human Subjects Committee Secretary, 453-4533, karowgo@siu.edu.

OTHER RESEARCH COMPLIANCES

Projects involving laboratory animals, hazardous biological materials and recombinant DNA, radiological materials, or hazardous chemicals also require advance approval.

- **Institutional Animal Care and Use Committee:** contact Karen Rowland, 453-4533, karowgo@siu.edu, or see www.siu.edu/~iacuc.
- **Institutional Biosafety Committee:** contact Douglas Fix, Biological Safety Officer, 453-7180, dfix@cehs.siu.edu.
- **Radiological Control Committee:** contact Richard Dyer, Radiation Safety Officer, 536-2015, rdyer@cehs.siu.edu.
- **Hazardous Chemical Oversight:** contact Paul Restivo, Director, Center for Environmental Health and Safety, 453-1632, restivo@cehs.siu.edu.

Address changes or requests for electronic subscriptions: Connie Shanahan, MC 4709, cshan@siu.edu.
Research Matters is on ORDA's web site at www.siu.edu/ordalrm.