



# RESEARCH MATTERS

Editor: Connie Shanahan ♦ Research Development and Administration / [www.siu.edu/orda](http://www.siu.edu/orda) ♦ SIUC

Vol. 30, No. 8, August 2003

## FUNDING OPPORTUNITIES IN THIS ISSUE

SIUC: Synchrotron Research....4

NSF: Frontiers in Integrative Biological Research....4

American Health Assistance Foundation: Research Grants....5

NSF: Assessment of Student Achievement in Undergraduate Education....5

NRC: International Scientific Collaboration....5

American Cancer Society....5

NIH: Research on Mind-Body Interactions and Health....6

Other NIH Programs....6

Social Science Research Council: Abe Fellowships....6

NEH: Summer Stipends 2004 (reminder to submit full applications)....7

National Humanities Center: Fellowships 2004-05....7

## OTHER DEPARTMENTS

Of Special Note....2

Grant Deadlines....7

Awards (July 2003)....13

## Welcome (Back) to SIUC!

—Prudence M. Rice, Acting Director

We're at the start of a new fall semester and we hope everyone is ready to begin another productive year of teaching, research, scholarship, and creative activity. All indicators show that SIUC's scholars are increasingly active in submitting proposals and, more importantly, in being awarded grants and contracts from external sources. Since 1997, SIUC grants activity has grown 62 percent in amount of dollars awarded, from approximately \$40 million to approximately \$65 million. Significantly, the number of awards to SIUC faculty has grown nearly 20 percent, as has the number of proposals submitted. You can't get a grant if you don't apply for one!

The Office of Research Development and Administration (ORDA), located on the second floor of Woody Hall's C wing, handles all matters related to external grants and contracts except for accounting functions. It is a University requirement that all faculty, staff, and student funding from external sources, whether federal, state, or private, must be handled through ORDA. That is, all outgoing grant proposals must be submitted through ORDA and all grant awards must be processed by our office as well. ORDA staff can provide budget assistance and advice about proposal development. If your research involves human and animal subjects, be aware that the University committees that approve protocols for such research also work through this office.

We feel a sense of optimism for the growth of the research, scholarly, and creative activity mission of the University, given the *Southern at 150* plan and Chancellor Wendler's commitment to making SIUC one of the top 75 public research institutions in the country by 2019, the University's 150th anniversary.

There are other reasons for optimism, too. Many of you are aware that the National Institutes of Health's budget was doubled by Congress over the last five years. Congress is now working on a similar doubling process for the National Science Foundation. The most recent news is that the House approved a 6.2 percent increase for the NSF for FY04, pushing the agency's budget up \$329 million to \$5.64 billion.

While many of you were gone over the summer, we in ORDA and the Office of the Vice Chancellor for Research continued working on programs to enhance SIUC research efforts. Here are some highlights:

- **Undergraduate research:** SIUC was awarded a grant from the Ronald E. McNair Postbaccalaureate Achievement Program (U.S. Department of Education) to enhance educational and research opportunities for minority and other

**APPLICATIONS FOR FACULTY SEED GRANTS ARE DUE ON MONDAY, OCTOBER 6. REVISED APPLICATION MATERIALS WILL BE POSTED SOON ON ORDA'S WEB SITE. SEE [WWW.SIU.EDU/ORDA/INTERNAL](http://WWW.SIU.EDU/ORDA/INTERNAL).**

underrepresented undergraduate students. This greatly enhances ORDA's existing undergraduate research program, REACH, under the directorship of Karen Renzaglia, who is principal investigator on the McNair grant.

- **Travel:** We're again requesting funds from the higher administration for faculty and student travel support to professional meetings and funding agencies. During 2000, our first year of support, we expended some \$78,000 on faculty and student travel; last year we provided some \$115,000 in support. Unfortunately, these are extremely difficult budget times for the University. We expect that travel will be funded at a much reduced level in FY04, but we are planning to continue the program.

- **COS:** Remember that SIU is a member of the Community of Science (COS) research funding database. If you have not yet accessed COS, filled out your "Profile," and explored this organization's many services to enhance your research efforts, please do so soon ([www.cos.com](http://www.cos.com)). COS features plenty of useful information for undergraduate and graduate student researchers too. Remember that in the Community of Science, the word "science" is construed broadly as "knowledge," not narrowly as "lab science."

For those of you new to campus, this monthly newsletter, *Research Matters*, is ORDA's vehicle for bringing you news of funding opportunities, grant deadlines, listings of grant awards to SIUC researchers, and other material of interest. Additional information is available on the ORDA web site, [www.siu.edu/orda](http://www.siu.edu/orda), and we urge you to visit the site regularly for updates.

I wish you all the best as you settle in to the new semester, and hope that ORDA can assist you in your research endeavors.

## OF SPECIAL NOTE

### Application Deadline Set for Faculty Seed Grants

SIUC Faculty Seed Grants fund research, scholarly, and creative activities carried out by full-time faculty on continuing appointment. These one-year grants are awarded through a competitive, peer-review process. Proposals are reviewed by disciplinary committees made up of faculty from related areas.

The application and guidelines closely approximate those of external funding agencies. Revised materials will soon be available on the ORDA web site at [www.siu.edu/orda/internal/seed\\_grants.html](http://www.siu.edu/orda/internal/seed_grants.html).

Because these grants are specifically intended to enhance faculty opportunities to obtain external funding, proposals must include a description of plans to seek outside grants. However, ORDA is aware that opportunities to secure external funding are very limited in some fields, and proposals in these fields are not disadvantaged.

The fall semester deadline for the seed grant program is **Monday, October 6**.

The following seed grants were approved last spring to begin this fall.

Balasubramanian, Siva  
Marketing

"Understanding How Strategic Marketing Actions Change Shareholder Value: Research Gaps and Lessons from Past Event Studies"

Bartholomew, Blaine  
Biochemistry and Molecular Biology  
"Higher Ordered Chromatin Structure and Its Relation to Gene Expression"

Eichholz, Michael  
Cooperative Wildlife Research Laboratory  
"Development of a Technique to Estimate Breeding Propensity of Free-Living Waterfowl"

Griswold, Kenneth  
Animal Science, Food & Nutrition  
"Use of Biofuel By-Products to Produce Alternative Agricultural Products"

Haniotakis, Themistoklis  
Electrical Engineering  
"Advance VLSI Design and Test"

Hooper, Bruce  
Geography  
"The Performance Evaluation of River Basin Organizations for IWRM"

Jacobs, Eric  
Psychology  
"Self-Control and Traumatic Brain Injury: A Feasibility Study of a Rodent Model of Injury-Induced Changes in Sensitivity to Delayed Consequences of Behavior"

Jiang, Tao  
Philosophy  
"The Subliminal Consciousness: The Problematics of Transcendence and Immanence"

Savage, Mandara  
Technology  
"An Analysis of Surface Quality Relating to Machine Tool Vibration"

Smith, Richard  
Art and Design  
"Forge-Welded Decorative Surfaces on Large-Scale Sculpture"

Vallath, Chandrasekhar  
Radio-Television  
"Bridging the Digital Divide: Multimedia Development Tool for K-12 Teachers"

Whitehead, Vagner  
Cinema and Photography  
"LOVE: An Experimental Video"

Wildrick, Christopher  
Art and Design  
"Here and There"

## Don't Live Dangerously!

Proposal deadlines can be hazardous—especially now that budget cuts have reduced ORDA's pre-award staff. Our staff of four has shrunk to three since Karen Renzaglia left ORDA to become a research professor (congratulations, Karen!). We don't want anyone to fall between the cracks, so here are some tips that can help us help you when you're applying for a grant.

- Contact Steve, Carolyn, or Connie as soon as possible (i.e., before panic sets in) and let them know what program you will be applying to, what the deadline is, and where to get the guidelines.

- Send or bring a tentative budget or budget information to ORDA early. It's easier to make adjustments later on than to grapple with a major, unforeseen complication two days before the proposal is due. **Note:** Experienced researchers may want to work on the budget themselves and e-mail it to ORDA. Excel budget sheets are available online; see "Proposal Assistance" on the ORDA web site, [www.siu.edu/orda](http://www.siu.edu/orda).

- If you must submit the proposal electronically, double your normal time for getting things done. Some agencies have easier e-systems than others, and servers seem to go down at the worst possible time.

- Be aware that ORDA *can't guarantee signatures* on proposals that arrive in our office at the last minute. Like everyone else, administrators attend meetings, go out of town, and even get the flu. If you bring your proposal just before it must be mailed, the people authorized to sign for the institution may not be available. Please, play it safe and allow adequate lead time. We don't want your proposal to be jeopardized by a scheduling problem.

## Changes Occur in ORDA Staff

We welcome our newest professional staff member, Rex Duncan, to ORDA. Rex has joined Sonjie Schwartz in handling post-award functions.

As noted above, Karen Renzaglia has returned to a research position in her field.

She's still part of ORDA, however, as director of the McNair Program. As a result of Karen's changed status, Connie Shanahan has joined Carolyn Donow and Steve Banker as pre-award research project specialists who assist faculty with proposal processing and budgeting. Their assignments by college are listed on the back page of this newsletter.

## NIH Grant Application Online

A complete, online, annotated R01 grant application to an NIH agency is available at [www.niaid.nih.gov/ncn/grants/app/app.pdf](http://www.niaid.nih.gov/ncn/grants/app/app.pdf).

Dr. Mark Smeltzer, associate professor at the University of Arkansas for Medical Sciences, gave permission for NIAID to share the outstanding basic science grant application he wrote as a new investigator in 1998. NIAID annotated the application, showing what makes it strong and how it reflects the advice in the institute's All About Grants tutorials ([www.niaid.nih.gov/ncn/grants/default.htm](http://www.niaid.nih.gov/ncn/grants/default.htm)). NIAID also updated the application with a modular budget and other revised forms.

Note: ORDA also has several successful NIH grant applications on file for faculty to view in the office—see Connie Shanahan or her student worker to review these applications.

## ORDA New Faculty Workshop Scheduled

ORDA's annual workshop for new SIUC faculty will be held on Tuesday, September 9, in Woody Hall C-227. To accommodate faculty schedules, a morning session (9:00-10:30) and an afternoon session (1:30-3:00) will be offered.

The session will provide a brief introduction to ORDA services, as well as an overview of the Faculty Seed Grant program and other internal funding opportunities.

For more information or to reserve a seat for one of the sessions, contact Connie Shanahan at 3-4530 or [cshan@siu.edu](mailto:cshan@siu.edu).

## Graduate Student Workshop on Grants Scheduled

ORDA will hold an Introduction to Grants and Grantwriting workshop for graduate students on Wednesday, October 15, from 3:00 to 4:30 in Lawson 101. Information will be presented on grantwriting basics and how to find grant sources. Registration is requested. Call 3-4539 or send e-mail to [cshan@siu.edu](mailto:cshan@siu.edu) to register for the workshop.

## Human Subjects Research Application Revised

The application for human subjects research at SIUC has been revised. The major changes are on the first page of Form B. We have added a question about the researcher's conflict of financial interest, and a new assurance statement for faculty sponsors of student research projects.

Federal guidelines require that all researchers who use human subjects must declare any financial interest they have that could create a perception of bias. The assurance statement asks that faculty certify that the student is knowledgeable about the regulations and policies governing research with human subjects, and that the faculty sponsor will be available to supervise the research.

Another major change is that the applications will no longer be available in hard copy. Researchers can download them as Word or fillable PDF documents from the ORDA web site at [www.siu.edu/orda/human](http://www.siu.edu/orda/human).

## Department of Homeland Security Opens

The Department of Homeland Security (DHS) began operations in March 2003. In FY04 the new Homeland Security Advanced Research Projects Agency (HSARPA) will be funding extramural research and development. (Bioterrorism research stays within the National Institutes of Health, but DHS will play a role in setting priorities.) HSARPA is

currently in the process of establishing processes for awarding grants.

Most funding will be housed under the Directorate of Science and Technology (\$801 million R&D funding in the President's 2004 budget), with 20% of the directorate's funding going to fund basic and applied research. Other directorates include Border and Transportation Security (\$172 million), Information Analysis and Infrastructure Protection (\$5 million), and Emergency Preparedness and Response (0% specifically for R&D).

More information on the budget and the department is available from the American Association for Advancement of Science at [www.aaas.org/spp/rd/](http://www.aaas.org/spp/rd/).

### Robert Wood Johnson Foundation Establishes New Grantmaking Framework

The Robert Wood Johnson Foundation, a major national health-care funding resource, has established a new grantmaking framework of four portfolios cutting across the foundation's goal areas:

1. A **targeted portfolio** to help solve specific systemic problems in health and health-care, including the following objectives: (a) improving the quality of care for those with chronic conditions; (b) reversing the growing epidemic of childhood obesity; (c) reducing racial and ethnic disparities in health and health-care; (d) transforming nursing and care at the bedside; (e) ensuring access to quality health care for all Americans; (f) expanding the public health system's capacity and leadership; (g) increasing and improving treatment for abuse of alcohol and drugs; and (h) preventing and alleviating harm caused by tobacco use.

2. A **human capital** portfolio to improve health and the health care workforce.

3. A **portfolio designed to promote effective health and health care services**, particularly for the aged and most vulnerable.

4. A **pioneering portfolio** to explore especially innovative, potentially high-risk grantmaking approaches.

More information about the programs is available at [www.rwjf.org](http://www.rwjf.org).

### Developing Rural Community-Based Research Partnerships

SIUC's Center for Rural Health and Social Service Development is hosting a mini-conference on Oct. 7 to:

- share information concerning grant opportunities, program evaluation, and resources to inform community agencies about methods and opportunities for applied community-based research;
- promote the development of community/University research partnerships;
- develop a research agenda for the region;
- share examples of community research projects and models that may be used in grant development with an applied research focus; and
- increase community agency awareness of how CRHSSD is available to assist in grant development and research.

The registration fee is \$10. For more information, contact the center at 3-5040.

## FUNDING OPPORTUNITIES

*For more details about these programs, contact Connie Shanahan, ORDA information specialist, at 3-4530 or [cshan@siu.edu](mailto:cshan@siu.edu).*

### SIUC: Synchrotron Research

Since 1992, SIUC researchers have had access to synchrotron radiation research facilities at the Advanced Photon Source (APS) at Argonne National Laboratory through membership in the Consortium for Advanced Radiation Sources (CARS). SIUC's focus has been to enhance synchrotron education and research experience for faculty, staff, and students, especially within the areas of biochemistry and structural biology, solid-state physics, and materials science. CARS operates with three scientific components or sectors: GeoSoilEnviro-CARS, for research in the geophysical,

geochemical, and environmental sciences; BioCARS, for structural biology; and ChemMatCARS, for the chemical and materials sciences.

The Office of Vice Chancellor for Research and ORDA request proposals from SIUC researchers for synchrotron research at the APS for one year of support of up to \$45,000, which may include equipment, commodities, contractual services, and graduate student support. The form and guidelines are available at [www.aps.anl.gov/aps/frame\\_beamtime\\_proposal.html](http://www.aps.anl.gov/aps/frame_beamtime_proposal.html)

**DEADLINE:** Sep. 5 (due in ORDA)

### Frontiers in Integrative Biological Research

The National Science Foundation's Frontiers in Integrative Biological Research (FIBR) Program supports integrative research focused on major questions in biology addressed through the creative application of a broad range of scientific concepts, strategies, and research tools from both within and outside the biological sciences. FIBR supports projects that are integrative at several conceptual levels. This includes the nature of the research paradigm, the use of combined experimental and theoretical analyses, and the application of a broad range of interdisciplinary approaches in a single, coherent effort.

FIBR is designed to enable larger and more integrative or interdisciplinary projects than might be possible in any single program. Through FIBR, NSF's Biological Sciences Directorate intends to support groups of researchers to capitalize on synergistic interactions and to employ diverse tools to achieve an integrative understanding of a clearly defined, major biological question.

In FY04, FIBR will fund up to 10 research grants that address a major conceptual challenge in biology and about five planning grants that provide an opportunity for interested investigators to develop a well-thought-out project plan. The outcome of a planning grant is expected to be an innovative, integrative research project that is different from ongoing research in

the individual participants' laboratories and that leads directly to a preliminary proposal in the next cycle. Preliminary proposals are required for research grants but not for planning grants. NSF plans to solicit FIBR planning grants only in FY04.

More information on NSF 03-581 can be found at [www.nsf.gov](http://www.nsf.gov).

**DEADLINES:** Planning Grants and Preliminary Proposals for Research Grants—Oct. 20; Full Proposals for Research Grants—Feb. 17

### **American Health Assistance Foundation: Research Grants**

The American Health Assistance Foundation funds several research grant programs: Alzheimer's Disease Research (deadline—Oct. 15); National Glaucoma Research (deadline—Nov. 18); National Heart Foundation Research (deadline—Nov. 4); and Macular Degeneration Research (letters of intent were due Jul. 16). For more information, visit [www.ahaf.org](http://www.ahaf.org).

### **NSF: Assessment of Student Achievement**

NSF's Course, Curriculum, and Laboratory Improvement (CCLI) Assessment of Student Achievement (ASA) in Undergraduate Education Program supports research and innovation that leads to improvement in undergraduate education. It funds research on assessment and the development and dissemination of assessment practices, materials (tools), and measures to guide efforts that improve the effectiveness of courses, curricula, programs of study, and academic institutions in promoting student achievement, particularly in science, technology, engineering, and mathematics. ASA also promotes the full integration of assessment with these educational efforts. ASA projects may be integrated with research on learning, particularly research focused in the STEM disciplines.

ASA funds projects in three areas:

- **New Development:** developing and validating new assessment materials (tools) and practices for use in single or

multiple undergraduate disciplines.

- **Adaptation:** adapting assessment materials and practices that have proven effective for one setting or audience for use in a new setting or with a different audience.

- **Dissemination:** efforts to spread the use of effective assessment practices through workshops or web-based materials that have been validated and are thoroughly documented with detailed instructions.

Program Guide NSF 03-584 is available at [www.nsf.gov](http://www.nsf.gov).

**DEADLINE:** Oct. 29

### **NRC: International Scientific Collaboration**

The Office for Central Europe and Eurasia of the National Research Council will be funding two-year collaborative research partnerships linking scientists from the United States with those from Central/Eastern Europe or the Newly Independent States of the former Soviet Union. Eligibility is limited to researchers who have received the Ph.D. within the past 10 years. Topics are limited to research in human and social dynamics and the science of learning.

See [nationalacademies.org/dsc/Twinning\\_Grants\\_Program.html](http://nationalacademies.org/dsc/Twinning_Grants_Program.html) for more information.

**DEADLINE:** Oct. 17

### **American Cancer Society**

The American Cancer Society's research program focuses on beginning investigators and a program of targeted research in psychosocial and behavioral science, health services, health policy, epidemiology, clinical medicine, and cancer control research.

**Research Scholar Grants in Basic, Preclinical, Clinical, and Epidemiology Research** are for investigators in the first eight years of an independent research career or faculty appointment. They fund up to four years of work at up to \$200,000 per year. **DEADLINES:** Oct. 15, Apr. 1

**Research Scholar Grants in Psychosocial, Behavioral, and Cancer Control Research** support independent investigators at any state of their research careers for up to five years and up to \$400,000 per year. Senior investigators are strongly encouraged to include as co-investigator a faculty member at an early stage in his/her career. **DEADLINES:** Oct. 15, Apr. 1

**Research Scholar Grants in Health Services and Health Policy Research** support research projects for up to four years and for up to \$200,000 per year. Senior investigators are strongly encouraged to include as co-investigator a faculty member at an early stage of his/her career. **DEADLINES:** Oct. 15, Apr. 1

**Research Opportunity Grants** provide rapid, one-time funding for novel ideas or for targeting urgent problems with immediate human benefit. One-time awards are made for up to \$72,000 for one year. There is no deadline; however, a letter of intent is required to obtain applications and instructions. **DEADLINES:** Oct. 15, Apr. 1

**Institutional Research Grants** are block grants averaging \$90,000 per year for three years given to institutions as "seed money" for the initiation of projects by promising junior investigators. **DEADLINE:** April 1

**Postdoctoral Fellowships** support the training of researchers who have just received their doctorate to enable them to develop an independent career in cancer research (including basic, preclinical, clinical, psychosocial, behavioral, or epidemiologic research). Awards are made for one to three years with progressive stipends of \$37,000, \$39,000, and \$42,000 per year, plus a \$2,000-per-year institutional allowance. **DEADLINES:** Oct. 1, Mar. 1

One or two **Research Professorship awards** are made annually for a five-year term to outstanding mid-career investigators who are making significant contributions to basic cancer research. **DEADLINE:** Mar. 1

**NEW program: Mentored Research Scholar Grants in Applied and Clinical Research** provide five years of funding to help junior faculty become independent investigators. **DEADLINES:** Oct. 15, Apr. 1

Ten percent of the ACS research budget is set aside for **Targeted Grants for Research Directed at Poor and Underserved Populations**. These grants provide support for research projects proposed by investigators at various stages of their career through Research Scholar Grants, Mentored Research Scholar Grants in Applied and Clinical Research, and Postdoctoral Fellowships. Projects must focus on poor or underserved populations, but may address a variety of behavioral, epidemiological, policy, health delivery, and clinical and basic science issues.

More information on these grants is available at [www.cancer.org/docroot/RES/RES\\_5.asp?sitearea=RES](http://www.cancer.org/docroot/RES/RES_5.asp?sitearea=RES).

### NIH: Research on Mind-Body Interactions and Health

Research on mind-body interactions and health is supported by a joint program of the Office of Behavioral and Social Sciences Research; the National Cancer Institute; the National Center for Complementary and Alternative Medicine; the National Heart, Lung, and Blood Institute; the National Institute of Dental and Craniofacial Research; the National Institute on Aging; the National Institute on Alcohol Abuse and Alcoholism; the National Institute on Drug Abuse; and the National Institute of Environmental Health Sciences. Three areas of research are emphasized:

- The effect of cognition or personality (e.g., beliefs, attitudes, and values; modes of thinking) and of emotions on physical health.
- Determinants or antecedents of health-related cognitions; i.e., given that some beliefs and attitudes have been shown to affect health, how are these beliefs, attitudes, and values developed, maintained, or changed?
- How stress influences physical health, including: (a) basic research investigating how affect, attitudes, beliefs, and values influence perceived stress, individual differences in the biology of stress, and interactions between stress

and behavioral risk factors for disease; (b) behavioral, affective, and biological mediators of the relationship between stress and health or disease; (c) the evaluation of mind-body interventions for physical illness and/or biological functioning; and (d) the translation of successful interventions into programs deliverable in clinical settings.

In addition, special emphasis is given to mind-body research in diverse racial/ethnic and socioeconomic status populations (e.g., cultural beliefs regarding health; perceived racism and health; distrust of health care systems and health care utilization; perceived disability and health).

The program announcement is available at [grants.nih.gov/grants/guide/rfa-files/RFA-OD-03-008.html](http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-03-008.html)

**DEADLINES:** Letters of Intent—Nov. 17; Full Applications—Dec. 17

### 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](http://www.grants.nih.gov/grants/guide/index.html). Deadlines vary with program and funding mechanism.

- Mechanisms of Physical Activity Behavior Change (RFA-CA-04-009)
- Informatics Training for Global Health (RFA-TW-03-008)
- Biodefense Research Training and Career Development Opportunities—NIAID (NOT-AI-03-46)
- Studies to Evaluate the Toxicologic and Carcinogenic Potential of Alpha-pinene and Vinylidene Chloride in Laboratory Animals via Inhalation for the National Toxicology Program (NOT-ES-03-011)
- Innovations in Powered Mobility Devices—SBIR/STTR (RFA-HD-03-023)
- Ubiquitin and Ubiquitin-like Modifications Regulating Disease Processes (PA-03-145)
- Biodefense Research Training and Career Development Opportunities—NIAID (NOT-AI-03-047)
- Environmental Health Sciences Program Project Grant Applications (NOT-ES-03-012)

- Genetic and Molecular Basis of Longevity (RFA-AG-04-003)

- Age-Related Changes in Tissue Function Underlying Biological Mechanisms (PA-03-147)

- Erythroid Lineage Molecular Toolbox (PA-03-150)

- Proteomics in Auditory Developmental and Disease Processes (PA-03-151)

- Biobehavioral Pain Research (PA-03-152)

- Behavioral Science Track Award for Rapid Transition (B/START)—NIDA (PAR-03-146)

- Established Investigator Award in Cancer Prevention, Control, Behavioral, and Population Sciences (PAR-03-149)

- Pilot and Feasibility Program in Human Islet Biology (RFA-DK-03-021)

- Cancer Education and Career Development Program (PAR-03-148)

- Prevention of Type 2 Diabetes in Children and Adolescents (NOT-DK-03-006)

- Molecular Genetics of Drug Addiction Vulnerability (PA-03-155)

### Social Science Research Council: Abe Fellowships

The Social Science Research Council's Abe Fellowship Program encourages international multidisciplinary research on topics of pressing global concern. Applicants are invited to submit proposals for research in the social sciences or the humanities relevant to any one or any combination of these three themes: **global issues; problems common to industrial and industrializing societies; and issues that pertain to U.S.-Japan relations.**

Research proposals bearing on any one of these themes may address issues related to technology and society; consumption, labor, and markets; human security; civil society; bioethics; aging societies and other lifespan issues; transnational economic relations; sustainable development and global environmental issues; and foreign assistance, among others.

The program provides Abe Fellows with 3 to 12 months of full-time support

over a 24-month period, beginning between April 1 and December 31. Fellowship tenure need not be continuous, but must be concluded within 24 months of initial activation of the fellowship.

For more information, see [www.ssrc.org](http://www.ssrc.org).

**DEADLINE:** Sep. 1

### NEH: Summer Stipends 2004

Reminder: Faculty who submitted letters of intent to apply to the National Endowment for the Humanities' Summer Stipends Program need to submit their full applications to ORDA by Sep. 2 (letters of intent were due in May). Only two applications may be submitted per institution, one of which must be by a junior faculty member. A panel of reviewers will make the final recommendation on SIUC applications to NEH. Applications must be submitted electronically to NEH.

The program guidelines are available at [www.neh.gov/grants/guidelines/stipends.html#eligibility](http://www.neh.gov/grants/guidelines/stipends.html#eligibility). For more information, contact Connie Shanahan, 3-4530 or [cshan@siu.edu](mailto:cshan@siu.edu).

**DEADLINES:** Sep. 2—SIUC; Oct. 1—NEH

### National Humanities Center: Fellowships 2004-05

The National Humanities Center in Research Triangle Park, N.C., will award 40 residential fellowships of up to \$50,000 to individuals with doctorates (or equivalent). Both junior and senior scholars are eligible to apply. Most fellowships are unrestricted, but the following are designated fields for 2004-05: young scholars (up to 10 years beyond the doctorate) in literary studies, and scholars whose research concerns religion or theology, art history or visual culture, French history or culture, or Asian Studies.

More information is available at [www.nhc.rtp.nc.us](http://www.nhc.rtp.nc.us).

**DEADLINE:** Oct. 15

## GRANT DEADLINES

*September and October 2003*

*Information on many of these programs is available on the IRIS and Community of Science databases at [www.siu.edu/orda](http://www.siu.edu/orda). The ORDA web site has links to funding agency web sites 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.*

### September 2003

#### Federal

##### Agriculture

- Sep 1 U.S.-Israel Binational Agricultural Research and Development Grants
- Sep 16 Public Television Station Digital Transition Grants

##### Commerce

- Sep 15 Census Research Data Centers

##### Energy

- Sep 2 Science Undergraduate Internships
- Sep 30 Advanced Scientific Computing Research; Basic Energy Sciences; Biological and Environmental Research; Fusion Energy Sciences; High-Energy and Nuclear Physics

##### Health and Human Services

- Sep 9 NIMH: Mechanism for Time-Sensitive Research Opportunities
- Sep 10 NRSA: Institutional Training Grants; Short-Term Training—Students in Health Professions
- Sep 15 NCI: Health and Communications Internship
- Sep 15 NCM: Tools for Collaborations that Involve Data Sharing
- Sep 19 NCRR: High-End Instrumentation

#### HHS cont.

- Sep 22 NIH: Innovative Exploratory Studies and Technology Development
- Sep 25 NIH: Academic Research Enhancement Awards

#### Justice

- Sep 15 Graduate Research Fellowships
- Sep 22 Juvenile Justice and Delinquency Prevention: Girls Study Group Research
- Sep 30 Antiterrorism and Emergency Assistance Program for Terrorism and Mass Violence Crimes

#### Library of Congress

- Sep 30 Kluge Center: Rockefeller Fellowship in Islamic Studies

#### NASA

- Sep 12 Rossi X-Ray Timing Explorer Guest Observer Program
- Sep 29 FUSE Guest Investigator
- Sep 30 Materials Science Program

#### National Endowment for the Humanities

- Sep 1 Fellowship Programs at Independent Research Institutions
- Sep 2 Summer Stipends (SIUC deadline)
- Sep 16 Consultation Grants for Museums, Libraries, and Special Projects

#### National Science Foundation

- Sep 1 SBE: International Science and Engineering—Cooperative Research; Dissertation Enhancement Projects; Joint Seminars and Workshops
- Sep 10 EHR: Polar Education; Teacher Professional Continuum
- Sep 10 MPS: Materials Research Science & Engineering Centers
- Sep 15 Cross-Directorate: REU Supplements and Sites
- Sep 15 EHR: Alliances for Graduate Education and the Professoriate
- Sep 16 MPS: Vertical Integration of Research and Education
- Sep 16 MPS: Mentoring Through Critical Transition Points in Mathematical Sciences

**NSF cont.**

- Sep 16 MPS: Research Training Groups in Mathematical Sciences
- Sep 17 SBE: Science of Learning—Centers
- Sep 18 SBE: Grants for the Analysis of Science and Technology
- Sep 19 MPS: Focused Research Groups in Mathematical Sciences
- Sep 24 MPS: Atomic, Molecular, Optical, and Plasma Physics; Education and Interdisciplinary Research; Elementary Particle Physics; Gravitational Physics; Nuclear Physics; Particle and Nuclear Astrophysics; Theoretical Physics
- Sep 30 ENG: Industry/University Cooperative Research Centers

**State of Illinois****Illinois Arts Council**

- Sep 1 Artists Fellowships; Ethnic and Folk Arts Master/Apprentice Program

**Other****Alcoholic Beverage Medical Research Foundation**

- Sep 1 Grants for Alcohol Research

**American Association for Cancer Research**

- Sep 12 Various Awards

**American Association of Laboratory Animal Science**

- Sep 9 Education, Public Outreach, and Special Projects

**American Cancer Society**

- Sep 12 Award for Research Excellence in Epidemiology and Prevention

**American Educational Research Association**

- Sep 5 AERA Fellows; Research Fellows
- Sep 6 Dissertation and Research Grants

**American Lung Association**

- Sep 2 Nationwide Research Program

**American Schools of Oriental Research**

- Sep 16 Various Scholarships

**American Society for Training and Development**

- Sep 22 Dissertation Award

**Arthritis Foundation**

- Sep 1 Arthritis Investigator Awards; Doctoral Dissertation Award for Arthritis Health Professions; Innovative Grants; New Investigator Grants; Osteoarthritis Biomarkers; Postdoctoral Fellowships; Target Identifications in Lupus

**Arts International**

- Sep 5 Fund for U.S. Artists at International Festivals and Exhibitions

**Ayn Rand Institute**

- Sep 16 Annual Essay Contest: Graduate and Undergraduate Students

**Baxter Healthcare Corp.**

- Sep 1 Renal Discoveries: Grants

**Bradley Foundation**

- (Citizenship)  
Sep 1 Grants

**Cambridge University Library**

- Sep 12 Munby Fellowship in Bibliography

**Cancer Research Foundation of America**

- Sep 15 Fellowships; Grants

**Chiang Ching-Kuo Foundation for International Scholarly Exchange**

- Sep 15 Conference/Seminar/Workshop Grants; Subsidies for Publication; Travel Grants

**Council for International Exchange of Scholars**

- Sep 3 Research Programs in Cystic Fibrosis

**Deer Creek Foundation**

- (Governance, Bill of Rights)  
Sep 15 Grants

**Dorland Mountain Arts Colony**

- Sep 1 Residencies

**Educause**

- Sep 3 National Learning Infrastructure Initiative Fellowship

**Epilepsy Foundation**

- Sep 3 Predoctoral Research Training Fellowships; Research Grants

**European Organization for Nuclear Research**

- Sep 2 Predoctoral Research Training; Research Grants

**Fats and Proteins Research Foundation**

- Sep 15 Research Grants

**Friends of the National Zoo**

- Sep 15 Communications Internships

**Guggenheim Museum**

- Sep 30 Rebay International Internships

**Human Frontier Science Program Organization**

- Sep 4 Small Grants

**Institute of Current World Affairs**

- Sep 1 Fellowships

**International Rett Syndrome Association**

- Sep 12 Permanent Research Fund

**Ittleson Foundation**

- (AIDS, Environment, Mental Health)  
Sep 1 Start-up Grants

**Jackson Foundation**

- (International Affairs, Environment and Natural Resources Management, Public Service and Human Rights)  
Sep 1 Grants

**Johnson Foundation**

- Sep 2 Active Living Policy and Environmental Studies

**Juvenile Diabetes Research Foundation International**

Sep 15 Program Project Grants

**Leukemia and Lymphoma Society**

Sep 15 Fellow Program; Scholar Award for Clinical Research; Scholar Program; Special Fellow Program

**Lincoln Institute of Land Policy**

Sep 15 Lincoln Fellowships in Land Value Taxation

**MacDowell Colony**

Sep 15 Arts Residencies

**March of Dimes Birth****Defects Foundation**

Sep 15 Research Grants; Research Program: Social and Behavioral Studies

**National Ataxia Foundation**

Sep 1 Young Investigator Award

Sep 15 Research Fellowship

**National Center for Responsible Gaming**

Sep 15 Senior Investigator Award; Young Investigator Award

**National Education Association**

Sep 30 Excellence in the Academy Awards

**National Geographic Society**

Sep 2 Venture Grants (final applications)

**National Research Council**

Sep 1 Transportation Research Board: Innovations Deserving Exploratory Analysis

**NATO**

Sep 1 Advanced Research Workshops, Study Institutes, Collaborative Linkage Grants and Expert Visits: Environmental and Earth Science, Life Sciences and Technology

**NEC Foundation of America**

(Science and Technology; Disabilities)  
Sep 1 Grants

**Newberry Library**

Sep 15 Rockefeller Foundation Fellowships in the Humanities

**Pezcoller Foundation**

Sep 12 International Award for Cancer Research

**Pharmaceutical Research and Manufacturers of America Foundation**

Sep 2 Informatics: Research Starter Grants, Sabbatical Fellowships; Pharmacology/Toxicology: Postdoctoral and Predoctoral Fellowships, Research Starter Grants, Sabbatical Fellowships

**Rockefeller Foundation**

Sep 1 Recovering and Reinventing Cultures Through Museums

Sep 5 Bellagio Study and Conference Center: Individual, Collaborative, and Parallel Residencies; Workshops and Teams

Sep 15 Newberry Library: Tribal Histories and a Plural World—Toward a New Paradigm

**Scleroderma Foundation**

Sep 15 Research Funding

**Sloan Foundation**

(Chemistry, Physics, Mathematics, Computer Science, Economics, Neuroscience, Biological Sciences)  
Sep 15 Research Fellowships

**Smithsonian Institution**

Sep 6 Smithsonian Craft Show

Sep 15 Communications/Zoogoer Internship

**Social Science Research Council**

Sep 1 Abe Fellowships

**Society for the Scientific Study of Sexuality**

Sep 1 Student Research Grants

**United States Institute of Peace**

Sep 15 Senior Fellowships

**Warhol Foundation for the Visual Arts**

Sep 15 Grants

**Whitehall Foundation**

(Neurobiology)

Sep 1 Grants-in-Aid; Research Grants (complete applications)

**Wilbur Foundation**

Sep 1 Grants in the Humanities

**Wilson International Center for Scholars**

Sep 1 East European Studies: Short-Term Grants; Kennan Institute: Short-Term Grants

**October 2003****Federal****Agriculture**

Oct 1 Biology of Plant-Microbe Associations; Plant Responses to the Environment; Improving Human Nutrition for Optimal Health; Plant Genetic Mechanisms; Plant Genome Program

**Defense**

Oct 15 National Security Agency Mathematical Sciences Program: Conferences, Workshops and Special Situations; Senior Investigators Grants; Standard Grants; Young Investigators Grants

**Education**

Oct 3 Postsecondary Ed: Jacob Javits Fellowships

**Environmental Protection Agency**

Oct 22 Market Mechanisms and Incentives for Environmental Management

**Health and Human Services**

Oct 1 DOE, CDC: Environmental Justice—Partnerships for Communication

[HHS continues on p. 10]

**HHS cont.**

- Oct 1 NCRR: Biomedical Technology Resource Grants; Extramural Research Facilities Construction Projects and Improvement Program
- Oct 1 NIH: Program Project Grants; Research Project Grants; Academic Career Awards; Small Research Grants; Support of Scientific Meetings
- Oct 9 NIMH: Mechanism for Time-Sensitive Research Opportunities
- Oct 15 NIH: Investigator-Initiated Interactive Research Project Grants
- Oct 17 NIMH: Research Career Award for Transition to Independence
- Oct 22 NIMH: Translational Research Centers in Behavioral Science
- Oct 24 DOE, CDC: Innovations in Biomedical Computational Science and Technology

**Institute of International Education**

- Oct 21 Fulbright U.S. Student Program

**Justice**

- Oct 24 Data Resources Program: Funding for the Analysis of Existing Data

**NASA**

- Oct 10 Fluid Physics Program
- Oct 23 Living with a Star Targeted Research and Technology

**National Archives and Records Administration**

- Oct 1 Grants; Subvention Grants

**National Endowment for the Arts**

- Oct 1 Arts Indemnity Program; National Heritage Fellowships

**National Endowment for the Humanities**

- Oct 1 Grants for Stabilizing Humanities Collections; Research and Development Projects for Preservation Education; Summer Stipends (SIUC deadline Sep 2)
- Oct 15 Exemplary Education Projects

**National Science Foundation**

- Oct 1 ENG: Engineering Design; Manufacturing Enterprise Systems; Operations Research; Service Enterprise Engineering; Manufacturing Machines and Equipment; Materials Processing and Manufacturing; Nanomanufacturing
- Oct 6 BIO: Multi-User Biological Equipment and Instrumentation Research; Postdoctoral Research Fellowships in Microbial Biology
- Oct 7 ENG: Dynamic System Modeling, Sensing, and Control Program; Geotechnical and GeoHazards Systems; Solid Mechanics and Materials Engineering
- Oct 7 ENG: Control, Networks, and Computational Intelligence; Electronics, Photonics, and Device Technologies; Integrative Systems
- Oct 7 MPS: Algebra, Number Theory and Combinatorics; Analysis; Topology and Foundations
- Oct 8 CISE: Digital Government Program
- Oct 8 MPS: Distinguished International Postdoctoral Research Fellowship
- Oct 14 ENG: Research Experiences for Teachers
- Oct 14 Office of International Science and Engineering: International Research Fellowships
- Oct 15 EHR: Alliances for Minority Participation; Stokes Alliances for Minority Participation
- Oct 15 ENG: Biomedical Engineering Program and Research to Aid Persons with Disabilities
- Oct 15 GEO: Earth System History
- Oct 15 SBE: Geography and Regional Science, Sociology—Doctoral Dissertation Research Improvement Awards

**NSF cont.**

- Oct 15 ATE Centers: National Center of Excellence, Regional Centers for Manufacturing or Information Technology Education, Resource Centers, Curriculum and Educational Materials, Laboratory Development, Professional Development for Educators, Program Improvement, Research, Technical Experiences; Articulation Partnerships: Articulation Between Associates; Teacher Preparation in Twinning
- Oct 16 EHR: Alliances for Graduate Education and the Professoriate
- Oct 16 GEO: Cooperative Activities in Environmental Research Between NSF and the EU—Ecology and Oceanography of Harmful Algae
- Oct 17 MPS: Mathematical Sciences Postdoctoral Research Fellowship
- Oct 20 BIO: Frontiers in Integrative Biological Research (preliminary proposals; full proposals due Feb. 17)
- Oct 20 CISE: Research Infrastructure Program
- Oct 22 Nanoscale Science and Engineering (preliminary proposals; full proposals due Feb. 17)
- Oct 22 GEO: Integrated Carbon Cycle Research
- Oct 22 ENG: Nanoscale Exploratory Research and Interdisciplinary Research Teams
- Oct 31 BIO: Undergraduate Mentoring in Environmental Biology: Research Mentoring; Travel to Meetings
- Oct 31 SBE: Archaeometry Awards

**Oak Ridge Associated Universities**

- Oct 1 Recent Graduate Opportunities; Graduate Student Opportunities; Undergraduate Student Opportunities

**State Department**

- Oct 15 Fulbright Teacher and Administrator Exchange Program

**Supreme Court of the United States**

Oct 20 Judicial Internship

**State of Illinois****Illinois Humanities Council**

Oct 15 Mini-Grants

**Other****American Academy in Berlin**

Oct 31 Fellowships

**American Antiquarian Society**

Oct 5 Fellowships for Creative and Performing Artists and Writers; Mellon Dissertation Fellowships

**American Assoc. for Cancer Research**

Oct 14 PanCAN Career Development Award

Oct 15 Research Fellowships; Graham Foundation Fellows Grant for Melanoma Research

**American Assoc. of Diabetes Educators**

Oct 2 Lilly Type 2 Diabetes in Primary Care Award; Lilly Global Social Service Award; Sigma Theta Tau/AADE Foundation Grant

**American Cancer Society**

Oct 1 Clinical Research Professorships

Oct 1 IL Division: Postdoctoral Fellowships

Oct 6 IL Division: Research Grants

Oct 15 Cancer Control Career Development Award for Primary Care

Oct 15 IL Division: Master's Training Grants in Clinical Oncology Social Work; Mentored Research Scholar Grant in Applied and Clinical Research; Research Scholar Grants for Beginning Investigators, Health Services and Health Policies, and Psychosocial and Behavioral Research; Targeted Grants for Research Directed at Poor and Underserved Populations

**American Council of Learned Societies**

Oct 1 Mellon Fellowships for Junior Faculty; New York Public Library Residential Fellowships; ACLS/SSRC/NEH International and Area Studies Fellowships; Ryskamp Research Fellowships; Burkhardt Residential Fellowships for Recently Tenured Scholars

**American Health Assistance Foundation**

Oct 15 Alzheimer's Disease Research

**American Museum of Natural History**

Oct 8 Kade Graduate Fellowship

**American Philosophical Society**

Oct 1 Franklin Research Grants

**American-Scandinavian Foundation**

Oct 15 Visiting Lectureships

**American Social Health Association**

Oct 1 ASHA Research Fund

**American Studies Association**

Oct 1 Baxter Travel Grants

**American Water Works Association**

Oct 1 Academic Achievement Awards

**Aspen Institute**

Oct 1 Doctoral Dissertation Research

**Barth Syndrome Foundation**

Oct 1 Research Grants

**Bermuda Biological Station for Research**

Oct 1 Grants-in-Aid

**Burroughs Wellcome Fund**

Oct 1 Career Awards in the Biomedical Sciences

**Chiang Ching-Kuo Foundation for International Scholarly Exchange**

Oct 15 Dissertation Fellowships; Postdoctoral Research Fellowships; Grants for Assistant, Associate, and Full Professors; Research Grants; Visiting Fellowships; Judd Research Fellowship

**Columbia University**

Oct 15 Center for Comparative Literature and Society: Postdoctoral Fellowships

Oct 15 Society of Fellows in the Humanities: Postdoctoral Fellowships

**Cornell University**

Oct 31 High-Energy Synchrotron Source

**Cystic Fibrosis Foundation**

Oct 30 Pilot Feasibility Awards; Research Grants

**Dumbarton Oaks**

Oct 1 Project Grants

Oct 15 Fellowship in Byzantine Studies

**European Organization for Research and Treatment of Cancer**

Oct 15 National Cancer Institute Exchange

**European University Institute**

Oct 25 Monnet Fellowships for Study of the E.U.

**Fyssen Foundation**

(Cognition: Neurobiology, Psychology, Anthropology, Paleontology)

Oct 31 International Prize

**Geyer Foundation**

(Cancer Research)

Oct 1 Grants

**Guggenheim Memorial Foundation**

Oct 1 Fellowships (all fields)

**Gunk Foundation**

Oct 31 Grants for Public Arts Projects

**Hagley Museum and Library**

Oct 31 Center for the History of Business Technology and Society: Grants-in-Aid; du Pont Fellowship

**Harvard University**

Oct 1 Murray Research Center; Radcliffe Institute Fellowships

**Harvard Univ. cont.**

- Oct 15 Center for Italian Renaissance: Fellowships
- Oct 15 Harvard Academy for International and Area Studies: Postdoctoral and Predoctoral Research
- Oct 15 Murray Research Center: Studying Diverse Lives Award
- Oct 31 Kennedy School of Government: Fellows Program

**Health Effects Institute**

- Oct 20 Health Effects of Air Pollution; Measuring the Health Impacts of Actions That Affect Air Quality

**Hedgebrook**

- Oct 1 Arts Residencies

**Henry Ford Museum**

- Oct 15 Clark Travel-to-Collections Research Grant

**Hereditary Disease Foundation**

- Oct 15 Various Postdoctoral Fellowships and Research Grants

**Humboldt Foundation**

- Oct 31 German Chancellor Scholarship; Transatlantic Cooperation Program in the Humanities

**Indiana University**

- Oct 1 Lilly Library: Helm Visiting Fellowships; Mendel Fellowships

**Institute of International Education**

- Oct 15 Gilman International Undergraduate Scholarship
- Oct 21 Fulbright Grants—Eurasia Regional Program

**International Arid Lands Consortium**

- Oct 1 Research and Demonstration Grants

**Irish American Cultural Institute**

- Oct 1 Irish Research Fund

**Leukemia and Lymphoma Society**

- Oct 1 Fellow Program; Scholar Program; Special Fellow Program

**Medieval Academy of America**

- Oct 15 Various Prizes

**Medtronic Foundation**

- Oct 15 Science and Technology Award; Rewarding Grants

**National Humanities Center**

- Oct 15 Fellowships

**National Research Council**

- Oct 17 Office for Central Europe and Eurasia: Twinning Program

**NATO**

- Oct 1 Security-Related Civil Science and Technology: Advanced Research Workshops, Study Initiatives, Collaborative Linkage Grants, Expert Visits

**New York Public Library**

- Oct 3 Fellowships

**Pharmaceutical Research and Manufacturers of America Foundation**

- Oct 1 Health Outcomes; Informatics Fellowships

**Population Connection**

- Oct 15 Fellowship

**Research Corporation**

- Oct 1 Research Opportunity Awards

**Roche Research Foundation**

- (Biology, Chemistry, Medicine)
- Oct 15 Grants

**School of American Research**

- Oct 1 Staley Prize

**Smithsonian Institution**

- Oct 1 Native American Community Scholars and Visiting Student Awards; Native American Internships
- Oct 1 Wilson International Center for Scholars: Fellowships in the Social Sciences and Humanities
- Oct 1 Kennan Institute: Research Scholarships
- Oct 10 National Museum of the American Indian: Internship

**Smithsonian cont.**

- Oct 10 Smithsonian Craft Show (electronic submissions)
- Oct 15 Internships: National Museum of African Art; National Museum of American History; Minority Student Program

**Social Science Research Council**

- Oct 1 Japan Studies Dissertation Workshop

**Spencer Foundation**

- Oct 27 Dissertation Fellowships for Research Related to Education

**TIAA-CREF**

- Oct 1 Hesburgh Award for Faculty Development to Enhance Undergraduate Education

**Tinker Foundation**

- Oct 1 Field Research Grants

**Truman Library Institute for National and International Affairs**

- Oct 1 Research Grants

**United States Institute of Peace**

- Oct 1 Solicited and Unsolicited Grants

**University of Michigan**

- Oct 3 Michigan Society of Fellows: Postdoctoral Fellowships

**U.S.-Ireland Alliance**

- Oct 10 Mitchell Scholarships

**Vernier Software and Technology**

- Oct 15 Vernier Technology Awards

**Washington Center**

- Oct 15 Diversity in Congress Program; Law Plus One Internship; Quarter/Summer Programs

**Whitehall Foundation**

- (Neurobiology)
- Oct 1 Grants-in-Aid (letters of intent); Research Grants (letters of intent)

**Women's Studio Workshop**

- Oct 15 Spring and Fall Studio Arts Internships

## AWARDS PROCESSED

*Externally funded grants and contracts processed during July 2003*

Title	Investigator(s)	Department(s)	Agency	Award
<b>Research Awards</b>				
MGE Contract Development, Project I	D. Sanders	Agribusiness Economics	Minneapolis Grain Exchange	\$4,000
School Meals Initiative for Healthy Children Nutrient Analysis Reviews	J. Endres	Animal Science, Food and Nutrition	ISBE (USDA)	\$120,000
*The Pachacamac Project: Social Foundation and Natural Context	I. Shimada	Anthropology	NSF	\$60,128
*The Structural and Dynamics Studies of Human Apolipoprotein E Carboxyl-Terminal Domain in Lipid Environments	D. Fan J. Wang	Biochemistry and Molecular Biology Biochemistry and Molecular Biology	American Heart Association	\$24,500
NMR Structural Studies of Human Apolipoprotein E C-Terminal Domain	J. Wang	Biochemistry and Molecular Biology	American Heart Association/Midwest Affiliate	\$82,500
NMR Structural Studies of Human Lipid-free Apolipoprotein A-1	J. Wang X. Ren	Biochemistry and Molecular Biology Biochemistry and Molecular Biology	American Heart Association/Midwest Affiliate	\$24,500
NMR Structural Studies of Apolipoprotein E N-Terminal Domain and the Preparation of Monomeric, Biologically Active Full-Length ApoE	J. Wang C. Xu	Biochemistry and Molecular Biology Biochemistry and Molecular Biology	American Heart Association/Midwest Affiliate	\$24,500
Center for Advanced Friction Studies - Industrial Sponsors	M. Wright	Center for Advanced Friction Studies	Aircraft Braking Systems	\$15,000
*Molecular Magnetics on the Nanoscale: Fundamental Implication for Fuel Cell Electrochemistry	S. Chen	Chemistry	American Chemical Society/Petroleum Research Fund	\$80,000
*ORAU Ralph E. Powe Junior Faculty Enhancement Award	B. Goodson	Chemistry	ORAU	\$5,000
*Investigation of Parameters Affecting Chiral Recognition	M. McCarroll	Chemistry	American Chemical Society/Petroleum Research Fund	\$35,000
Bobwhite Quail Life	A. Woolf	Cooperative Wildlife	IDNR (USDI/USFWS)	\$5,000

Title	Investigator(s)	Department(s)	Agency	Award
Population Ecology of White-Tailed Deer	A. Woolf J. McDonald	Cooperative Wildlife Cooperative Wildlife	IDNR (USDI/USFWS)	\$148,272
Cooperative Upland Wildlife Research and Surveys	A. Woolf J. Nawrot	Cooperative Wildlife Cooperative Wildlife	IDNR (USDI/USFWS)	\$155,634
Winter Habitat Use by Fishes in Two Ohio River Pools	J. Garvey R. Heidinger	Fisheries Center Fisheries Center	West Virginia Dept. of Natural Resources (USA/ACOE)	\$46,200
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 (USDOD)	\$15,000
Sustainable Aquaculture in the Peruvian Amazon	C. Kohler S. Kohler	Fisheries Center Economic Development	Oregon State University (USAID)	\$70,000
Continuing the Community Forestry Initiative in Southern Illinois	J. Groninger D. Close	Forestry Forestry	IDNR	\$67,067
*Restoration Analysis of Grassy Slough	J. Groninger J. Zaczek	Forestry Forestry	Nature Conservancy	\$12,000
IPA Agreement	C. Lant D. Baumann	Geography Geography	US Army/Army Corps of Engineers	\$48,928
*SWEET IT Production Lab	B. Kearney W. Devenport	Information Management Systems Information Management Systems	Sun Microsystems	\$27,558
Analgesic Regimens for Surgery and Inflammation in Mice	L. Toth	Lab Animal Medicine	USDHHS/NIH/NCRR	\$211,500
*An Intelligent Sensor Monitoring System for Rocket Propulsion Testing and Integrated Vehicle Health Management	J. Allen A. Mahajan	Mechanical Engineering Mechanical Engineering	NASA	\$21,008
Regulation of Alcohol Fermentation by <i>Escherichia coli</i>	D. Clark	Microbiology	USDOE	\$110,000
*Contribution of DNA Photoproducts to UV Mutagenesis	D. Fix	Microbiology	USDHHS/NIH	\$214,500
Development of Coal Combustion Products-Based Transmission Poles for the Utility Industry (Task Two-Program Administration)	Y. Chugh	Mining and Mineral Resources Engineering	West Virginia University (USDOE/IDCCA/ICCI)	\$21,999
Boron Transport from Coal Combustion Product Utilization and Disposal Sites	B. Paul	Mining and Mineral Resources Engineering	West Virginia University (USDOE/IDCCA/ICCI)	\$70,000

Title	Investigator(s)	Department(s)	Agency	Award
XXVII International Workshop on Condensed Matter Theories	F. Malik	Physics	US Army/Army Research Office	\$20,000
NUDR: A Potential Tumor Suppressor of Childhood Cancers	J. Huggenvik M. Collard	Physiology Physiology	USDHHS/NIH/NCI	\$234,060
*Invasion of the Exotic Japanese Bush Clover ( <i>Kummerowia striata</i> ) in Illinois Shale Barrens	D. Gibson N. West	Plant Biology Plant Biology	IDNR/Illinois Wildlife Preservation Fund	\$1,000
*Quantifying Multispecies Interactions Between Crops (Soybean; Glycine Max) and Weeds: A New Approach	D. Gibson B. Young A. Wood	Plant Biology Plant, Soil, & General Ag Plant Biology	USDA/CSREES	\$200,000
Collaborative Research: Biodiversity, Phylogeny and Biogeography of Hornworts	K. Renzaglia	Plant Biology	NSF	\$10,625
Soil Fertility Research	E. Varsa	Plant, Soil, & General Ag	Agrium U.S.	\$1,000
Sustainable Agriculture Research	B. Young	Plant, Soil, & General Ag	Syngenta Crop Protection	\$34,000
Sustainable Agriculture Research	B. Young	Plant, Soil, & General Ag	Valent USA	\$1,200
*Assessment of Four Endangered Species in the Mississippi River at Grand Tower, Illinois	B. Burr	Zoology	IDNR/Illinois Wildlife Preservation Fund	\$1,000
*An Intensive Survey of the Aquatic Insect Community Found in the Lusk Creek System	J. Turner J. McPherson	Zoology Zoology	IDNR/Illinois Wildlife Preservation Fund	\$1,000

### Training Awards

Hong Kong EMBA	R. Rivers	Accountancy	Management Development Institute (Hong Kong)	\$15,457
*Southern Illinois Institute for Value-Added Agriculture	W. Shoup R. Beck	College of Agricultural Sciences Agribusiness Economics	Delta Regional Authority	\$138,629
Foreign Language Teaching Experience	T. Keller	Foreign Languages and Literatures	Carbondale School District #95	\$46,980
IDNR/SIU Forestry Management Mentoring Program	J. Phelps	Forestry	IDNR	\$333,724
Bilingual Education: Professional Development	J. Friedenber	Linguistics/CESL	USED	\$194,593

<b>Title</b>	<b>Investigator(s)</b>	<b>Department(s)</b>	<b>Agency</b>	<b>Award</b>
Illinois Energy Education Development Internship (ILEED)	M. Kulkarni	Mechanical Engineering	IDCEO (USDOE)	\$2,700
Traineeship Support	B. Yanico	Psychology	Franklin-Williamson Human Services/Family Counseling and Mental Health Center	\$42,924
Generated Income - Region V RCEP	D. Adams	Rehabilitation Institute	Various Donors	\$1,000
GED Preparation Program	S. Burke J. Bordieri	Rehabilitation Institute Rehabilitation Institute	Carbondale Community High School	\$14,400
Educational Training Partnership (FY 2003)	M. Miah S. Selander	Social Work Social Work	IDCFS	\$554,347
Educational Training Partnership (FY 2004)	M. Miah S. Selander	Social Work Social Work	IDCFS	\$554,347
<b>Other Awards</b>				
Community Outreach Partnership Center (COPC)	T. Heiple R. Lenzi	Economic Development Economic Development	City of Carbondale, Illinois (USDHUD)	\$15,000
SouthernTECH	R. Lenzi J. Koropchak L. Lindberg	Economic Development Vice Chancellor for Research Small Business Development Center	IDCEO	\$95,297
Southern Illinois Manufacturing Extension Center	L. Lindberg	Economic Development	Bradley University/ Illinois Manufacturing Extension Center (USDOC/NIST/IDCCA)	\$965,547
Southern Illinois Manufacturing Extension Center Program Income	L. Lindberg	Economic Development	Various Donors	\$188,164
Motorcycle Rider Program Registration	D. Ritzel M. Ashner	Health Ed and Recreation Health Ed and Recreation	Various Donors	\$4,864
Southern History Fair	M. Batinski	History	IHPA	\$4,000
*American Studies Institute for Iraqi Undergraduate Student Leaders	J. Foster	Political Science	USDOS	\$181,450
*American Studies Institute for Iraqi Undergraduate Student Leaders - Administrative Costs	J. Foster	Political Science	USDOS	\$76,202
Region V Rehabilitation Continuing Education Program (RRCEP)	D. Adams	Rehabilitation Institute	USED/RSA	\$500,850

Title	Investigator(s)	Department(s)	Agency	Award
Illinois Agriculture Mediation Program	M. Rudasill	School of Law	USDA/Farm Services Administration	\$6,680
Core Analysis Grant Generated Income	C. Presley	Student Health Programs	Various Donors	\$24,660
Think First/Risky Business	J. Fisk	Surgery	IDOT	\$10,000
*Expanding Community Access to Community Exhibits	L. Huffman D. Bachman	University Museum University Museum	Southern Arts Fund (NEA/IAC)	\$900
Tech Prep Resource Center	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED)	\$55,700
Illinois Virtual High School Project, Federal Fund for Improvement of Education	K. Waugh M. Anderson R. Dillon-Sumner M. Kittleson	Workforce Education Workforce Education Educational Psychology and Special Education Health Ed and Recreation	ISBE (USED)	\$97,487

\*indicates new award

Awards Processed During July 2003 (65) \$6,350,431

## Summary of Fiscal Year 2004 Awards Received to Date

*excludes Financial Aid Office awards*

	Fiscal Year 2004 Awards as of July 2003		Fiscal Year 2003 Awards as of July 2002	
Research	(31)	\$2,716,050	(26)	\$2,090,896
Training	(13)	\$1,797,337	(9)	\$926,841
Other	(5)	\$943,426	(7)	\$692,967
Federal	(17)	\$2,704,450	(14)	\$1,407,137
State	(12)	\$1,557,044	(14)	\$1,620,678
Industry	(3)	\$125,000	(1)	\$30,000
Foundation	(5)	\$181,000	(6)	\$210,929
Other	(12)	\$889,319	(7)	\$441,960
<b>TOTAL</b>	<b>(49)</b>	<b>\$5,456,813</b>	<b>(42)</b>	<b>\$3,710,704</b>

## ORDA DIRECTORY of ASSISTANCE

web site: [www.siu.edu/orda](http://www.siu.edu/orda)

Woody Hall C-206 • phone: 453-4540 • fax: 453-8038 • mailcode: 4709 • [orda@siu.edu](mailto:orda@siu.edu)

Prudence M. Rice, Acting Director, 453-4531, [pmrice@siu.edu](mailto:pmrice@siu.edu)

### FUNDING OPPORTUNITIES, ORDA WEB SITE, RESEARCH MATTERS

- Connie Shanahan, 453-4530, [cshan@siu.edu](mailto:cshan@siu.edu)

### OTHER ORDA PUBLICATIONS

- Marilyn Davis, 453-4540, [mdavis@siu.edu](mailto:mdavis@siu.edu)  
ORDA's web site features a comprehensive *Sponsored Project Guide* (online only). See [www.siu.edu/orda/reports](http://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, Education, Law:**  
Carolyn Donow, 453-4538, [cdonow@siu.edu](mailto:cdonow@siu.edu)
- **Business, Engineering, Graduate School, Library Affairs, Mass Communication, OERD, Science:**  
Steve Banker, 453-4540, [sbanker@siu.edu](mailto:sbanker@siu.edu)
- **Applied Sciences, Liberal Arts, Medicine:**  
Connie Shanahan, 453-4530, [cshan@siu.edu](mailto:cshan@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](mailto:sonjie@siu.edu)
- Rex Duncan, 453-4542, [rduncan@siu.edu](mailto:rduncan@siu.edu)

### TECHNOLOGY TRANSFER / PATENTS & COPYRIGHTS

- Jeff Myers, 453-4556, [jmyers@siu.edu](mailto:jmyers@siu.edu)

### INTERNAL GRANT PROGRAMS

For applications and information, see [www.siu.edu/orda/internal](http://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/~ovcr/support.html](http://www.siu.edu/~ovcr/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](http://www.siu.edu/orda/human), or contact: Karen Rowland, Human Subjects Committee Secretary, 453-4533, [karowgo@siu.edu](mailto: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](mailto:karowgo@siu.edu), or see [www.siu.edu/~iacuc](http://www.siu.edu/~iacuc).
- **Institutional Biosafety Committee:** contact Douglas Fix, Biological Safety Officer, 453-7180, [dfix@cehs.siu.edu](mailto:dfix@cehs.siu.edu).
- **Radiological Control Committee:** contact Richard Dyer, Radiation Safety Officer, 536-2015, [rdyer@cehs.siu.edu](mailto:rdyer@cehs.siu.edu).
- **Hazardous Chemical Oversight:** contact Paul Restivo, Director, Center for Environmental Health and Safety, 453-1632, [restivo@cehs.siu.edu](mailto:restivo@cehs.siu.edu).

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Research Matters is on ORDA's web site at [www.siu.edu/ordalrm](http://www.siu.edu/ordalrm).