



RESEARCH MATTERS

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

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FUNDING OPPORTUNITIES IN THIS ISSUE

Human Frontier Science Program.....3

NICHD, NIMH: Social and Structural
Impact of HIV/AIDS.....4

Other NIH Programs.....4

NSF/EPA: Environmental Technology
Research.....4

DOE: Natural and Accelerated
Bioremediation Research.....5

NSF: Communicating Research to
Public Audiences.....5

Other NSF Programs.....5

Landes Awards for Supervised Field
Training.....5

Behavioral Sciences Fellowships.....5

ED: FIPSE Comprehensive
Program.....6

AERA: Educational Research
Programs.....6

Garvey Fellowship Program:
Essays on Human Liberty.....6

OTHER DEPARTMENTS

Of Special Note.....2

Grant Deadlines.....6

Awards (December 2002).....15

Nurturing Undergraduate Research at SIUC

—by Prudence M. Rice, Acting Director, ORDA

A few weeks ago I attended a two-day conference on “Undergraduate Research and Scholarship and the Mission of the Research University,” accompanied by Dr. Karen Renzaglia, Director of REACH (Research-Enriched Academic Challenge), the undergraduate research program housed in ORDA, and Dr. James Allen, Director of the University Core Curriculum. This conference was attended by nearly 400 people, including administrators, faculty, librarians, and students from research universities at every state in the nation. Speakers included the president of the National Academy of Sciences; representatives from the National Science Foundation, the National Research Council, and the Department of Education; and the chair of the Boyer Commission.

In 1998, the Boyer Commission on Educating Undergraduates in the Research University issued a report titled “Reinventing Undergraduate Education: A Blueprint for America’s Research Universities”—usually known simply as the “Boyer Report.” This document highlighted the unique culture of research universities, noting that “inquiry, investigation, and discovery are the heart of the enterprise, whether in funded research projects or in undergraduate classrooms or graduate apprenticeships. Everyone at a university should be a discoverer, a learner The institutional goal of research universities should be a balanced system in which each scholar—faculty member or student—learns in a campus environment that nurtures exploration and creativity on the part of every member” (pp. 9-10).

The goal of the Boyer Report was to “reinvent” or reformulate undergraduate education at research universities to emphasize their unique strengths: integrating “research” (most broadly defined as individual or collaborative discovery, inquiry, investigation, exploration, and creative problem-solving) into all levels of the undergraduate curriculum.

To achieve that goal, the Boyer Report made 10 recommendations for improving undergraduate education at research universities:

1. Make research-based learning the standard.
2. Construct an inquiry-based freshman year.
3. Build on the freshman foundation.



4. Remove barriers to interdisciplinary education.

5. Link coursework to the oral and written communication skills essential to success in the workplace.

6. Use information technology creatively.

7. Culminate with a capstone experience focusing on a major research project.

8. Educate graduate students as apprentice teachers.

9. Change faculty reward systems to reward the synergy of teaching and research.

10. Cultivate the sense of the university as a community of learners.

Many of these recommendations, and the Boyer Report as a whole, were seen as controversial. Yet as we saw at the recent conference, universities throughout the country are avidly interested in implementing at least some of the report's recommendations. Large, wealthy private universities, such as Stanford, and some well-endowed public institutions, such as the University of Delaware, have taken the lead, and their activities constituted case studies for presentations and discussion at the conference. Many other institutions are scrambling to start or expand existing programs.

It bears mentioning in this connection that the National Science Foundation has modified its review criteria to include the "broader impacts" of proposed projects, including the extent to which the activities "promote teaching, training, and learning" and "foster integration of research and education" in order to "infuse education with the excitement of discovery and enrich research through the diversity of learning perspectives."

Here at SIUC, Karen, Jim, and I are trying to expand the role of "research"—individual discovery, inquiry-based learning, and creative problem-solving—in the undergraduate curriculum. Jim is working on the curricular side and Karen and I on the projects side. Hence, this is an appropriate time to remind faculty, staff, and students of the existing undergraduate research program (REACH) and opportunities currently available on campus.

In particular, the Undergraduate Research/Creative Activity Awards Program is now in its fifth year, and applications for these small grants are due to ORDA on February 21. The second annual Undergraduate Research Forum will be held on March 24, in conjunction with the Junior Science and Humanities Symposium and the 2003 Research Day. This day of celebration and recognition will feature posters created by student researchers explaining their projects. As before, prizes will be awarded for the best posters.

For more information, visit the REACH web site at www.siu.edu/~reach. Be on the lookout for the REACH logo to alert you and your students to new and expanded undergraduate research opportunities at SIUC.

OF SPECIAL NOTE

NIH Notes

David Lightfoot, a plant biotechnologist and professor of plant, soil, and general agriculture, recently visited the National Institutes of Health and has some tips to pass along to SIUC researchers:

1. This is the last year of increased budget; next year looks bleak, so submit ASAP (February and June may be your last chances).

2. The genome project increased by 8%, infectious disease by 50%, but the infectious disease funding rate only went from 9% to 22% as a result.

3. Bioterrorism research will be funded massively next year. *Tularia*, *Strep*, and some engineered viruses are considered top targets. However, bioterrorism research is reporting to a separate undersecretary (not NIH), with a separate panel.

4. Many F32 Postdoctoral Fellowship grants are now in a separate panel, so reviewers are more consistent. Keys to success are an outstanding candidate—i.e., a mentor with five graduate postdocs OR a junior and senior mentor—and a student-specific training plan.

2003 NIH Seminars on Funding and Grants Administration

The National Institutes of Health has scheduled two regional seminars for 2003 covering topics related to NIH extramural program funding and grants administration. The regional seminars will provide information about the entire funding process, from opportunity identification and application preparation through post-award administration.

Informal interactions between seminar participants and program, grants management, policy, and review staff will be highly encouraged. Presentations will be targeted towards researchers new to NIH, research administrators, postdocs, and trainees.

Three-hour NIH electronic research administration workshops are also being offered in conjunction with the seminars. These hands-on labs for administrators and faculty will cover registration, institutional and professional profile creation and maintenance, account administration, proposal status verification, financial status reporting, and non-competing progress reporting.

April 24-25, Stanford University. Information is available at www.stanford.edu/dept/ORA/training/nihconf03/index.html. The NIH electronic research administration workshop will be held on Wednesday, April 23.

June 11-12, University of Maryland in Baltimore. Information is available at www.ord.umaryland.edu/nih. The electronic research administration workshop will be held on Friday, June 13.

Questions about registration or logistics should be directed to the host universities. Questions about program content may be directed to Megan Columbus, NIH Regional Seminar Coordinator, at (301) 435-0937 or megan.columbus@nih.gov.

Information on current and previous regional seminars is available from the NIH Office of Extramural Research regional seminar web site at grants.nih.gov/grants/seminars.htm.

Graduate Student Workshop on Grants Scheduled

ORDA will hold an Introduction to Grants and Grantwriting workshop for graduate students on Wednesday, Feb. 12, from 3:00 to 4:30 in Morris Library Auditorium (Rm. 26). 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 to register for the workshop.

10 New Year's Resolutions for Proposal Writers and Researchers

Some words of wisdom for those seeking and administering grants, adapted from the nationwide research administrators' listserv:

1. I will contact the funding agency's program officer for advice before writing and submitting a proposal. If I'm unsure about this, I will query ORDA first.

2. I will follow the "2-day rule" and submit my proposal to ORDA at least 2 days before it's due at the sponsoring agency.

3. I will use a spell checker on my proposal; moreover, I will read it through myself to see if there are any "woods" I didn't mean to use that my spell checker didn't catch.

4. I will have a second pair of eyes look at my proposal—perhaps a colleague, chair, or mentor.

5. I will attend a grantwriting workshop if I haven't done so but have always meant to, or talk to an ORDA staff person.

6. I will make use of the university's Community of Science or IRIS subscriptions to receive customized funding opportunity alerts automatically, via e-mail (see www.cos.com and www.library.uiuc.edu/iris).

7. I will thoroughly read proposal guidelines issued by the funder and will familiarize myself with things like page limits, fonts, margins, and all the other

niceties that will help me get my proposal written well before deadline.

8. If my proposal is rejected, I will make sure to get copies of the proposal reviewers' comments so my next proposal will be better.

9. I will submit agency reports on time for my funded grants, so that my program, my fellow researchers, and my institution are not jeopardized by my actions.

10. I will practice using NSF FastLane—prior to actually needing it for proposal submission—by using the demonstration site at www.fastlane.nsf.gov/jsp/homepage/demo_site.html.

Recent Honors

- **Michael Madigan**, Microbiology, will receive the Carski Foundation Distinguished Teaching Award from the American Society for Microbiology. This national award is the highest recognition for teaching microbiology.

- **Phil Brown**, Music, and **Jon Tribble**, English, have received Artist Fellowship Awards from the Illinois Arts Council. **Joel Feldman**, Art and Design, has received a Finalist Award.

Congratulations!

FUNDING OPPORTUNITIES

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

Human Frontier Science Program

The Human Frontier Science Program (HFSP) supports basic research on complex mechanisms of living organisms. Areas supported range from brain functions to biological functions at the molecular level.

Research grants are provided for teams of scientists from different countries who wish to combine their expertise to approach questions that could not be answered by individual laboratories. Particular emphasis is placed on interdisciplinary research and training by bringing scientists from fields such as physics, mathematics, chemistry, computer science, and engineering together with biologists to open up new approaches to understanding complex biological systems.

Two types of Research Grants are available.

Young Investigators' Grants are awarded to teams of researchers, all of whom are within the first five years after obtaining an independent laboratory. A standard amount is awarded per grant of \$250,000 per year for three years for the whole team. Applications for Young Investigators' Grants will be reviewed in competition with each other, independently of applications for Program Grants.

Program Grants are awarded to teams of independent researchers at any stage of their careers. The research team is expected to develop new lines of research through the collaboration. Up to \$500,000 per grant per year may be applied for. Applications that include independent investigators early in their careers are encouraged.

The HFSP also offers fellowships. **Long-Term Fellowships** provide three years of support to enable postdoctoral

fellows to obtain training in a new area of research in an outstanding laboratory in another country.

Short-Term Fellowships enable researchers to move into new areas by learning state-of-the-art techniques in use abroad or by establishing new research collaborations. These fellowships can last from two weeks to three months in a foreign country.

DEADLINES: Research Grants—Letters of Intent, Apr. 2; Short-Term Fellowships—Open; Long-Term Fellowships—September (TBA)

Social and Structural Impact of HIV/AIDS

The National Institute of Child Health and Human Development (NICHD) and the National Institute of Mental Health (NIMH) seek research examining the social, demographic, economic, and other structural impacts of HIV in populations around the globe. Research may focus on how populations, societies, communities, families, and other institutions are affected by the epidemic and how they adapt. Applications may also address the consequences of particular ways of adapting, and the supports or strategies that might help to protect the viability of social and economic systems, families, and other social units. Research grant applications should be grounded in a theoretical model that traces the mechanisms through which the HIV/AIDS epidemic has its impact.

Studies are needed to address the impact of HIV/AIDS on outcomes such as mortality and morbidity, population movement, fertility, other demographic effects, household/family structure characteristics and processes, community processes and characteristics, specific sectors of the economy or society, intervening mechanisms producing specific impacts, and measurement issues in studying the impact of the HIV/AIDS epidemic.

Program Announcement 03-027 is available at www.grants.nih.gov/grants/guide/index.html.

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

- Systems and Methods for Small Animal Imaging (RFA-EB-03-002)
- Research and Development of Systems and Methods for Cellular and Molecular Imaging (RFA-EB-03-003)
- Bioengineering Research Partnerships (PAR-03-032)
- Development of Innovative Approaches to Enhance Vision Health Communication (RFA-EY-03-002)
- Research on Mental Illnesses in Older Adults (PA-03-014)
- Gene Expression Studies in Arthritis and Musculoskeletal and Skin Diseases (RFA-AR-03-007)
- Nonhuman Primate Models of HIV-Associated Pulmonary, Cardiovascular, and Hematological Disorders (RFA-HL-03-005)
- NCRRT Shared Instrumentation Grant (RFA-RR-03-002)
- Institutional Mentored Research Scientist Development Award for Neuroinformatics (PAR-03-034)
- The Human Brain Project (Neuroinformatics) Phase I - Feasibility (PAR-03-035)
- Innovative Exploratory Studies and Technology Development in Neuroinformatics Research (PAR-03-036)
- NIDDK Administrative Supplements for Human Embryonic Cell Line Research (NOT-DK-03-002)
- Improving Behavioral Health Services and Treatment for Adolescent Drug Abuse (RFA-DA-03-003)
- Translating Tobacco Addiction Research to Treatment (RFA-DA-03-010)
- Mathematics Cognition and Specific Learning Disabilities (RFA-HD-02-031)
- Risk Factors for Psychopathology Using Existing Data Sets (PA-03-044)
- Nanoscience and Nanotechnology in Biology and Medicine (PAR-03-045)

- Collaborative Studies on Alzheimer's Disease and Other Neurodegenerative Diseases Associated with Aging (RFA-AG-03-005)

- Research in Adolescent Literacy (RFA-HD-03-012)
- Research on Microbial Biofilms (PA-03-047)
- Developmental Centers for Research on Complementary and Alternative Medicine (PAR-03-046)

NSF/EPA: Environmental Technology Research

The National Science Foundation and the Environmental Protection Agency offer funds for fundamental and applied research in the physical and biological sciences and engineering that will lead to environmentally benign methods for industrial processing/manufacturing; to sustainable construction processes; and to new technologies for pollution sensing and remediation.

The competition addresses technological environmental issues of design, treatment, synthesis, processing, and energy conversion; environmentally conscious construction and disaster management; and the production, use, detection, and ultimate disposition of products in continuous and discrete manufacturing industries as well as in construction industries and in the environment.

This competition is designed to address pollution avoidance, prevention, treatment, and remediation processes and methodologies, as well as to support scientific and engineering research with potential long-term industrial and/or societal impacts.

Under the **Technology for a Sustainable Environment** (TSE) program, research proposals are invited that advance the discovery, development, and use of innovative technologies and approaches to avoid or minimize the generation of pollutants at the source. In preventing pollution at its source, the life cycle of both materials and energy can also be considered.

Under the **New Technologies for the Environment** (NTE) program, proposals are invited that explore new technologies that can be applied to environmental remediation, environmental sensing, and small drinking-water systems.

More information is available at es.epa.gov/ncer/rfa/current/2003_technology_epa_nsf.html.

DEADLINES: TSE—Feb. 25; NTE—Mar. 4

DOE: Natural and Accelerated Bioremediation Research

The Department of Energy is soliciting applications for research grants in the Natural and Accelerated Bioremediation Research (NABIR) Program. The program goal is to provide the fundamental science that will serve as the basis for development of cost-effective bioremediation and long-term stewardship of radionuclides and metals in the subsurface at DOE sites.

The focus is on strategies leading to long-term immobilization of contaminants in place to reduce the risk to humans and the environment. Research should address bioremediation of uranium, technetium, plutonium, chromium, or mercury. NABIR is focused on subsurface sediments below the zone of root influence and includes both the vadose (unsaturated) zone and the saturated zone (groundwater and sediments).

Applications should describe research projects in one or more of the following program elements: Biogeochemistry, Biotransformation, Community Dynamics and Microbial Ecology, Biomolecular Science and Engineering, Assessment, and Bioremediation and Its Societal Implications and Concerns. Studies that integrate research from more than one NABIR element are strongly encouraged.

The full text of Program Notice 03-13 is available at www.sc.doe.gov/production/grants/Fr03-13.html.

DEADLINE: Mar. 11

NSF: Communicating Research to Public Audiences

The National Science Foundation is seeking projects that communicate to public audiences the process and results of research currently supported by any NSF directorate, through informal science education activities such as media presentations, exhibits, or youth-based activities. The purpose of these efforts is to disseminate research results, research in progress, or research methods. Up to \$75,000 for up to two years is available for projects.

More information is available in program announcement NSF 03-509 at www.nsf.gov.

DEADLINE: At least six months prior to anticipated start date

Other NSF Programs

Information about these National Science Foundation programs is available at www.nsf.gov.

- NSF/ONR Partnership in Electric Power Networks Efficiency and Security (EPNES) (NSF 02-188)
- 2003 CALL FOR NOMINATIONS—Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (NSF 03-503)
- Interagency Announcement of Opportunities in Metabolic Engineering (NSF 03-516)
- Ecology of Infectious Diseases (NSF 03-507)
- Biodiversity Surveys and Inventories (NSF 02-186)

Landes Awards for Supervised Field Training

The Research Institute for the Study of Man fosters multidisciplinary, cross-cultural studies of contemporary relevance for understanding the complex interplay of historic, economic, social, and cultural forces in multi-ethnic societies.

The RISM Landes Institutional Awards for Supervised Field Training program awards three institutional grants for up to \$20,000 for a period not to exceed

three months. The field team must include at least five graduate students and one faculty on-site supervisor.

For 2003, priority will be given to proposals for overseas fieldwork training that include student projects related to race and ethnic relations and/or issues in political economy. Recipient institutions are required to supply matching funds as well as to support pre- and post-seminars or colloquia for participating students.

More information can be found at www.rism.org.

DEADLINE: Feb. 15

Behavioral Sciences Fellowships

The Center for Advanced Study in the Behavioral Sciences awards up to 50 residential postdoctoral fellowships each year to scholars who show exceptional accomplishment or promise in their respective fields, including anthropology, art history, biology, classics, economics, education, geography, history, law, linguistics, literature, mathematical and statistical specialties, medicine, musicology, philosophy, political science, psychiatry, psychology, and sociology. Fellowships normally begin in September and run 7-12 months.

Any scholar is entitled to nominate another person for consideration as a fellow, but most nominations come from well-known scholars, academic administrators, former fellows, and directors of the center's summer institutes. Self-nominations are accepted from postdoctoral scholars who have a record of publication. Evaluation is based on a candidate's standing in the field rather than on the merit of a particular project or proposal. Nominations are received on an open-ended basis. About 1 in 100 nominees is awarded a fellowship.

More information is available at casbs.stanford.edu/about.php.

DEADLINE: Open

ED: FIPSE Comprehensive Program

The U.S. Department of Education's Fund for the Improvement of Postsecondary Education (FIPSE) has announced its 2003 Comprehensive Program. Grants of \$50,000-\$275,000 per year for up to three years will be made to improve postsecondary education opportunities. Approximately 53-56 new awards are anticipated for this competition.

Applicants may propose any project in the area of postsecondary education. The Secretary of Education is particularly interested in applications that meet one or more of the following invitational priorities:

1. Projects to improve the quality of K-12 teaching through new models of teacher preparation and through new kinds of partnerships between schools and colleges and universities that enhance students' preparation for, access to, and success in college.

2. Projects to promote innovative reforms in the curriculum and instruction of various subjects at the college preparation, undergraduate, and graduate/professional levels, especially through student-centered or technology-mediated strategies, and including the area of civic education.

3. Projects designing more cost-effective ways of improving postsecondary instruction and operations, i.e., to promote more student learning relative to institutional resources expended.

4. Projects to support new ways of ensuring equal access to postsecondary education, and to improve rates of retention and program completion, especially for underrepresented students whose retention and completion rates continue to lag behind those of other groups, and especially encouraging wider adoption of proven approaches to this problem.

Preliminary applications are required. More information is available at www.ed.gov/FIPSE.

DEADLINES: Preapplications—Feb. 13; Final Applications—May 8

AERA: Educational Research Programs

The American Educational Research Association (AERA) offers several types of grants and fellowships.

Research Grants support quantitative policy- and practice-related research on U.S. education using large-scale, nationally representative National Science Foundation (NSF) and National Center for Education Statistics (NCES) data. Grants are available for university faculty, postdoctoral researchers, and other doctoral-level researchers.

Dissertation Grants are also available for advanced graduate students and are intended to support the student while he or she is writing the dissertation.

Research Fellowships are available to beginning researchers, including advanced graduate students, postdoctoral researchers, assistant professors, and those who have received their doctorate within the past seven years. These fellowships provide experience in the design, analysis, interpretation, and reporting of policy research and provide opportunities for researchers to attack important research/policy issues through a significant database at either NSF or NCES while collaborating with agency personnel.

More information on these programs can be found at www.aera.net/grantsprogram.

DEADLINES: Mar. 20, September (TBA), January 2004 (TBA)

Garvey Fellowship Program: Essays on Human Liberty

The Olive W. Garvey Fellowship Program awards fellowships biennially to outstanding college students and junior faculty members around the world through a competitive essay contest on the meaning and significance of economic and personal liberty. The program, which aims to encourage critical thinking and educational excellence by examining the nature and relevance of human liberty, awards cash fellowships based on a review of all entries by a panel of three distinguished independent scholars.

Undergraduate and graduate students up to age 35 may enter in the Student category (essays of no more than 3,000 words), which awards fellowships in the amounts of \$2,500, \$1,500, and \$1,000. Junior faculty members (assistant professors or higher) up to age 35 who have not yet received tenure may enter in the Faculty category (essays of 5,000 to 8,000 words), for fellowships of \$10,000, \$5,000, and \$1,500.

More information is available at www.independent.org.

DEADLINE: May 1

GRANT DEADLINES

February and March 2003

*Information on many of these programs is available on the IRIS and Community of Science databases at www.siu.edu/orda. The ORDA web site also contains a list of major funding agency sites, general government information sites, and nonprofit/private foundation sites, as well as updates on federal programs through the Federal Register, NIH, and NSF. Note: Proposals with signatures should be submitted to ORDA **at least two working days** before they must be mailed to the agency.*

February 2003

Federal

Agriculture

Feb 1 U.S.-Israel Binational Agricultural Research and Development Fund: Workshops

Commerce

Feb 1 NOAA: Illinois-Indiana Sea Grant College Program

Feb 15 NIST: Summer Undergraduate Research Fellowships

Feb 28 NOAA: Coastal Management Fellowship—Illinois-Indiana

Defense

- Feb 15 U.S. Army Center of Military History: Dissertation Fellowship
- Feb 15 Naval Historical Center: Hayes Predoctoral Fellowship in U.S. Naval History; Hooper Research Grants

Education

- Feb 7 National Assessment of Educational Progress—Secondary Analysis; Preparation of Leadership Personnel; Steppingstones of Technology Innovation for Students with Disabilities; Community Parent Resource Centers
- Feb 13 Postsecondary Ed: FIPSE Comprehensive Program (preproposals; full applications due May 8)
- Feb 14 Initial Career Awards; Preparation of Special Education, Related Services, and Early Intervention Personnel to serve Infants, Toddlers, and Children with Low-Incidence Disabilities
- Feb 21 Field-Initiated Research Projects
- Feb 28 Improving the Preparation of Personnel to Serve Children with High-Incidence Disabilities

Energy

- Feb 10 Undergraduate Laboratory Internships
- Feb 13 Human Genome Program: Ethical, Legal, and Social Implications

Environmental Protection Agency

- Feb 5 Measurement, Modeling, and Analysis Methods for Airborne Carbonaceous Fine Particulate Matter

Health and Human Services

- Feb 1 NIDA: Medical and Health Consequences of Drug Abuse; International Research Collaboration on Drug Addiction
- Feb 1 NIGMS: Minority Access to Research Careers—Ancillary Track

HHS cont.

- Feb 1 NIH: New Research Grants, Conferences, Research Career Awards, Program Project Grants, Center Grants; Support of Scientific Meetings
- Feb 1 NIMH: Small Grants
- Feb 6 Fogarty Center: Human Embryonic Stem Cell Research Resource Infrastructure
- Feb 11 NHLBI: Role of Sleep and Sleep-Disordered Breathing in Metabolic Syndrome
- Feb 13 Fogarty Center: International Research Scientist Development Awards
- Feb 13 NIBIB: Research and Development of Systems and Methods for Cellular and Molecular Imaging; Systems and Methods for Small Animal Imaging
- Feb 14 NCI: Development of High-Yield Technologies for Isolating Exfoliated Cells in Body Fluids
- Feb 14 NIDCD: Health Communication Research—Improved Strategies
- Feb 14 NIDDK: Education Project Grants
- Feb 19 Fogarty Center: International Cooperative Biodiversity Groups (final applications; letters of intent due Jan. 20)
- Feb 21 NIAMS: Small Grants for New Investigators
- Feb 21 NIDDK: Basic Research in Interstitial Cystitis
- Feb 24 AHRQ: Health Career Opportunities
- Feb 24 NIBIB: Improvements in Imaging Methods and Technologies
- Feb 26 NIDDK: Bench-to-Bedside Research on Type 1 Diabetes and Its Complications

Institute of Museum and Library Services

- Feb 1 National Leadership Grants for Libraries

Justice

- Feb 1 DuBois Fellowships
- Feb 21 Research on Sexual Violence

Library of Congress

- Feb 14 Swann Foundation Fund Fellowships

NASA

- Feb 1 Langley Aerospace Research—Summer Scholars
- Feb 14 Solar and Heliospheric Sciences

National Endowment for the Humanities

- Feb 3 Challenge Grants Special Initiative: Local History; Public Program Grants for Libraries, Museums, or Special Projects; Implementation Grants—Museums and Historical Organizations, Special Projects, and Humanities Projects in Libraries

National Science Foundation

- Feb 1 CISE: Networking Research
- Feb 1 ENG: Biophotonics Partnership Initiative
- Feb 1 ENG: Control, Networks, and Computational Intelligence; Electronics, Photonics, and Device Technologies; Engineering Design; Integrative Systems; Manufacturing Enterprise Systems; Manufacturing Machines and Equipment; Materials Processing and Manufacturing; Nanomanufacturing; Nanoscale Science and Engineering Centers; Operations Research; Service Enterprise Engineering
- Feb 1 International: Cooperative Research; Dissertation Enhancement Projects; Joint Seminars and Workshops
- Feb 1 SBE: Cultural Anthropology—Research Experience for Graduates Supplement
- Feb 1 SBE: Multidisciplinary Program of the Children's Research Initiatives—Research Center Grants

NSF cont.

- Feb 1 SBE: Science and Technology Studies—Conferences and Workshops; Doctoral Dissertation Research Improvement Awards; Grants for Collaborative Research; Postdoctoral Fellowships; Professional Development Fellowships; STS Scholars Awards
- Feb 1 SBE: Social and Economic Sciences—Innovation and Organizational Change
- Feb 1 SBE: Societal Dimensions of Engineering Science and Technology—Doctoral Dissertation Research Improvement Awards, Postdoctoral and Professional Development Fellowships, Scholars Awards, Small Grants for Training and Research, and Standard Grants
- Feb 3 CISE: Instrumentation Grants
- Feb 3 SBE: Human Origins Moving in New Directions (HOMINID)
- Feb 5 EHR: Computer Science, Engineering, and Mathematics Scholarships
- Feb 7 ENG: Dynamic System Modeling, Sensing, and Control; Geotechnical and Geohazards Systems; Infrastructure and Information Systems; Solid Mechanics and Materials Engineering; Structural Systems and Engineering
- Feb 10 MPS: Internships in Public Science Education
- Feb 12 CISE: Information Technology Research
- Feb 14 SBE: Advanced Training Institutes in Social Psychology
- Feb 14 BIO: Ecology of Infectious Diseases
- Feb 15 GEO: RIDGE Interdisciplinary Global Experiments; Postdoctoral Fellowships
- Feb 15 OPP: Climate Predictability and Variability; Arctic Social Sciences; Arctic System Sciences; Atmospheric Sciences; Biological Sciences; Earth Sciences; Glaciology; Ocean Sciences

NSF cont.

- Feb 15 SBE: Geography and Regional Science, Sociology—Doctoral Dissertation Research Improvement Awards
- Feb 20 GEO, MPS: Collaborations in Mathematical Geosciences
- Feb 21 GEO: Solar, Heliospheric, and Interplanetary Environment
- Feb 25 ENG: Technology for a Sustainable Environment
- Feb 28 EHR: Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring
- Feb 28 BIO: Frontiers in Integrative Biological Research

National Trust for Historic Preservation

- Feb 1 Mitchell Fund for Historic Interiors; Favrot Fund for Historic Preservation; Preservation Services Fund

Oak Ridge Associated Universities

- Feb 1 Graduate and Undergraduate Student Opportunities—Fusion Energy Sciences Fellowships; Higher Education Research Experiences at Oak Ridge National Laboratory; Global Change Education; Postdoctoral Opportunities—Fusion Energy Research; Higher Education Research Experiences for Students; Undergraduate Student Research Participation at the ATSDR; White House Fellowships
- Feb 3 Higher Education Research Experiences for Faculty; National Energy Technology Laboratory; Savannah River Site; Higher Education Research Experiences for Law Students
- Feb 10 Pre-Service Teacher Internships
- Feb 14 Recent Graduate Opportunities—National Library of Medicine Associate Fellowships

Oak Ridge cont.

- Feb 15 Graduate, Recent Graduate, and Undergraduate Student Opportunities—National Energy Technology Laboratory Professional Internships; Future Officer Research and Training; Savannah River Site Professional; Savannah River Site Law Internships
- Feb 28 Graduate and Undergraduate Student Opportunities—Dept. of Commerce Internships; Industrial Materials for the Future

Transportation

- Feb 15 Eisenhower Graduate Transportation Fellowships

State of Illinois**Illinois Humanities Council**

- Feb 15 Mini-Grants

SIUC

- Feb 15 Illinois Consortium for Educational Opportunity Program: ICEOP Fellowships

Other**American Association of University Women**

- Feb 10 Recognition Award for Emerging Scholars
- Feb 11 Annie Cannon Award in Astronomy

American Federation for Aging Research

- Feb 7 Medical Student Geriatric Scholarship
- Feb 19 Academic Geriatrics Fellowship
- Feb 26 Glenn Foundation Postdoctoral Research Scholarships

Blue Mountain Center

- Feb 1 Art Residencies

Camargo Foundation

Feb 1 Residential Grants/Fellowships in France for Humanists, Social Scientists, Artists

Columbia University

Feb 1 Deene Center of Japanese Culture: Japan-U.S. Friendship Commission Prizes in Translation of Japanese Literature
Feb 14 Center for the Study of Law and Culture: Residential Fellowships

Committee on Institutional Cooperation

Feb 1 Summer Research Opportunities
Feb 7 Foreign Language Enhancement Program for Graduate Students

Council for European Studies

Feb 1 Mellon Foundation Fellowships; Doctoral Fellowships at Max Planck Institute; Gould Foundation Predissertation Fellowships; German Marshall Fund Summer Predissertation Fellowships; Luso-American Development Foundation Fellowships; Society for the Anthropology of Europe Predissertation Fellowships

Council for International Exchange of Scholars

Feb 15 Fulbright Scholar Program—Alumni Initiatives Awards

Djerassi Resident Artists Program

Feb 15 Residencies; Oshita Fellowship

East-West Center

Feb 15 Asia Pacific Leadership Program

Ebert Foundation

Feb 18 Postdoctoral Research Fellowships in Germany; Postdoctoral/Young Scholar Fellowships; Pre-Dissertation/Advanced Graduate Fellowships

Emory University

Feb 27 Center for Humanistic Inquiry: Junior and Postdoctoral Fellowships

European Molecular Biology Organization

Feb 15 Long-Term Fellowships

Field Museum of Natural History

Feb 1 Graduate and Undergraduate Fellowships

Fine Arts Work Center in Provincetown

Feb 1 Winter Residency: Writing and Visual Arts Fellowships

German Academic Exchange Service

Feb 14 Research Visits for University Academics and Scientists
Feb 14 Undergraduate Short-Term Awards

Goldwater Scholarship and Excellence in Education

Feb 1 Goldwater Scholarship

Greenwall Foundation

Feb 1 Bioethics and Medical Research

Harvard University

Feb 1 Radcliffe Institute for Advanced Study/Murray Research Center: Studying Diverse Lives Award
Feb 1 Shorenstein Center on the Press, Politics, and Public Policy: Fellowships
Feb 1 Strauss Center for Conservation: Advanced-Level Training Program Internships
Feb 15 Bok Center for Teaching and Learning: Cabot Postdoctoral Fellowship for Innovation in Teaching

Haverford College

Feb 1 Quaker Collection: Gest Research Fellowships

Hereditary Disease Foundation

Feb 15 Wasmuth Postdoctoral Fellowships; Wexler Postdoctoral Fellowships; Research Grants

Hudson River Foundation

Feb 24 Polgar Fellowships

Huyck Preserve

Feb 1 Biological Research Station: Graduate and Postgraduate Research Grants

Institute for Humane Studies

Feb 15 Summer Graduate Research Fellowships

International Research and Exchanges Board

Feb 1 Short-Term Travel Grants

Krell Institute

Feb 12 DOE High-Performance Computer Science Grants

Leukemia Research Foundation

Feb 15 New Investigator Research Grants; Postdoctoral Fellowships

MacArthur Foundation

Feb 3 Program on Global Security and Sustainability: Research and Writing Grants

Medieval Academy of America

Feb 14 Dissertation Grants

Metropolitan Museum of Art

Feb 7 Cloisters Summer Internships for College Students

Mills College

Feb 1 Women's Leadership Institute: Visiting Women Scholars

Mount Desert Island Biological Laboratory

Feb 3 Undergraduate Student Fellowship

Mount Holyoke College

Feb 10 Five College Women's Studies Research Center: Ford Associateships

National Collegiate Athletic Association Foundation

Feb 1 Ethnic Minority and Women's Internships

National Council for Eurasian and East European Research

(Social Science)

Feb 15 Research Contracts and Grants

National Foundation for Infectious Diseases

Feb 15 New Investigator Matching Grants

National Hemophilia Foundation

Feb 1 Career Development Awards; Laboratory Grants

National Humanities Center

Feb 15 Summer Institutes in Literary Studies

National Multiple Sclerosis Society

Feb 1 Advanced Postdoctoral Fellowships; Haughton Senior Faculty Awards; Grants in Patient Management Care and Rehabilitation; Weaver Neuroscience Scholarships; Postdoctoral Fellowships; Research Grants

National Women's Studies Association

Feb 15 NWSA Graduate Scholarship Award; NWSA Graduate Scholarship Award in Lesbian Studies; Scholarship in Jewish Women's Studies

Newberry Library

Feb 20 American Society for 18th-Century Studies; Weiberg Fellowship for Independent Scholars; Center for Great Lakes Culture/Michigan State Universities: Short-Term Fellowships

Feb 20 Center for Renaissance Studies: Lumsden-Kouval Fellowship in Renaissance Studies; Cappon Fellowship in Documentary Editing; Newberry Library Short-Term Resident Fellowships; Short-Term Fellowship in the History of Cartography; South Central Modern Languages Association Fellowship; Power and Tanner Fellowships

Newberry Library cont.

Feb 20 Allen Fellowships; Herzog August Bibliothek Wolfenbuttel Fellowship

Research Institute for the Study of Man

Feb 15 RISM Landes Institutional Awards for Supervised Field Training

Retirement Research Foundation

Feb 1 General Program Grants

Rockefeller Foundation

Feb 1 University of California, Riverside - Center for Chicano Studies: Durable Inequalities in Latin America; Dynamics of Chicano/a Literacy

Feb 1 University of California, Santa Cruz - Center for Cultural Studies: Other Globalizations: Histories, Trans-Regionalisms, and Cultural Formations

Feb 3 Columbia College - Chicago, Center for Black Music Research: Diasporal Unities in the Circum-Caribbean

Feb 3 University of Kentucky - Appalachian Center: Civic Professionalism and Global Regionalism

Feb 17 University of California, Riverside - Center for Ideas and Society: Global Migration, Social Change, and Cultural Transformation

Sadler Program for Asthma Research

Feb 14 Grants

Scoville Peace Fellowship

Feb 1 Grants

Sloan Foundation

Feb 3 Grants for Professional Master's Degrees in Bioinformatics

Feb 4 DOE Joint Postdoctoral Fellowships in Computational Molecular Biology/Bioinformatics

Smithsonian Institution

Feb 1 Cooper-Hewitt National Design Museum: Academic Year and Summer Internships

Feb 1 Minority Student Internships; Native American Community Scholars Awards, Visiting Student Awards, and Internships

Feb 1 Smithsonian Center for Materials Research and Education: Postgraduate Fellowships, Internships

Feb 1 National Museum of Natural History: Research Training Program

Feb 15 National Museum of American History, National Museum of African Art: Internships

Feb 15 Smithsonian Tropical Research Institute: Short-Term Fellowships, Mellon Internships

Feb 17 Fellowships in Museum Practice

Feb 28 Smithsonian Tropical Research Institute: CTFS Research Grants

Social Science Research Council

Feb 1 Program on Global Security and Cooperation: Grants for Research Collaboration in Conflict Zones

Society for Psychological Study of Social Issues

Feb 15 Klineberg Intercultural and International Relations Program

Feb 15 Action Grants for Experienced Scholars

Society for Scientific Study of Sexuality

Feb 1 Student Research Grants

Stanford University

Feb 1 Center for International Security and Cooperation: Hamburg Fellowships; Pre/Postdoctoral Fellowships

Feb 15 Science Policy and International Security Fellowships

United States-Japan Foundation

Feb 28 Grants

Universities Space Research Association

Feb 3 Johnson Space Center: Lunar and Planetary Institute Summer Internships

Feb 17 NASA Institute for Advanced Concepts: Phase I Advanced Aeronautical/Space Concept Studies

University of Calgary

Feb 1 Arctic Institute of North America: Grants-in-Aid

University of California-Los Angeles

Feb 1 Center for 17th- and 18th-Century Studies and Clark Memorial Library: Ahmanson-Getty Postdoctoral Fellowship

Feb 1 UCLA Humanities Consortium: Mellon Postdoctoral Fellowships

Feb 1 Clark Memorial Library: ASECS/Clark Fellowships; Clark Short-Term Resident Fellowships; Clark-Huntington Joint Bibliographical Fellowship

Feb 15 Center for Medieval and Renaissance Studies: Summer Fellowship

University of California-Santa Cruz

Feb 1 Center for Cultural Studies: Resident Scholars

University of Georgia

Feb 15 Graduate and Undergraduate Research Participation

University of Michigan

Feb 9 Biological Station: Research Experiences for Undergraduates in Field Science

Feb 24 Biological Station: Osborn Research Fellowship

University of Notre Dame

Feb 3 Erasmus Institute: Fellowships

Feb 17 Erasmus Institute: Graduate Student Summer Seminars

University of Pittsburgh

Feb 3 Pymatuning Laboratory of Ecology: Darbaker Prize in Botany; McKinley Research Fund Awards

University of Texas at Austin

Feb 1 Ransom Humanities Research Center: Fellowships

Upjohn Institute for Employment Research

Feb 1 Mini-Grants; Research Grants

U.S. Pharmaceuticals Group of Pfizer Inc.

Feb 21 Postdoctoral Fellowships in Infectious Disease

Feb 28 Pfizer/American Urological Association Visiting Professorship Program

Vera Institute of Justice

Feb 3 Postdoctoral Fellowship on Race, Crime, and Justice

Virginia Historical Society

Feb 1 Research Fellowships

Woods Hole Oceanographic Institution

Feb 15 Minority Fellowships for Undergraduates; Summer Student Fellowships

March 2003**Federal****Commerce**

Mar 15 Census Research Data Centers

Education

Mar 7 Student-Initiated Research Projects

Mar 14 Model Demonstration Projects for Children with Disabilities

Mar 21 Preparation of Personnel in Minority Institutions

Mar 28 Outreach Projects for Children with Disabilities

ED cont.

Mar 28 Postsecondary Ed: FIPSE—EU-US Cooperative Program in Higher Education and Vocational Education and Training

Mar 31 RSA: Vocational Rehabilitation Service Projects for America

Energy

Mar 11 Natural and Accelerated Bioremediation Research Program

Health and Human Services

Mar 1 NIA: Data Analysis and Archiving in Demography, Economics, and Behavioral Research on Aging

Mar 1 NIOSH: Career Development Grants in Occupational Safety and Health; Small Grants

Mar 9 NIMH: Mechanism for Time-Sensitive Research Opportunities

Mar 11 NIH: Brain Disorders in the Developing World—Research Across the Lifespan; Dynamic Health Assessments for Medical Rehabilitation Outcome

Mar 12 Mentored Scientist Development Award in Research Ethics

Mar 12 AIDS International Training and Research Program

Mar 12 NICHD: Novel Approaches to Male Fertility Regulation

Mar 12 NHLBI: Short-Term Courses in Research Ethics

Mar 13 NIBIB: Telehealth Technologies Development

Mar 14 NIH: Life Cycle of the Adipocyte

Mar 15 NCI: Graduate Internships in Health Communications

Mar 15 Minority Dissertation Research Grants in Aging

Mar 17 NIAMS: Gene Expression Studies in Arthritis and Musculoskeletal and Skin Diseases

Mar 19 NHLBI: Minority K-12 Initiative for Teachers and Students

Mar 20 NCI: Cancer Research Small Grant Program

HHS cont.

- Mar 21 NCI: Applications of Innovative Technologies for the Molecular Analysis of Cancer—Phased Innovation Award; Innovative Technologies for the Molecular Analysis of Cancer—Phased Innovation Award
- Mar 21 NCRR: Shared Instrumentation Grant
- Mar 21 NICHD: Social and Behavioral Research on New Biomedical Methodologies
- Mar 24 NIDR: Translational Research in Dental Practice-Based Tobacco Control Interventions
- Mar 25 Fogarty Center: Research Collaboration Award
- Mar 27 NCI: Institutional Pre-Doctoral Research Training Partnership
- Mar 28 NCCAM: Planning Grant for International Centers for Research on Complementary and Alternative Medicine

Institute of Museum and Library Services

- Mar 1 Office of Museum Services: National Leadership Grants for Museums

National Archives and Records Administration

- Mar 1 Fellowships in Historical Documentary Editing and in Archival Administration

National Endowment for the Arts

- Mar 12 Creative Writing Fellowships: Fiction/Creative Non-Fiction; Translation Projects: Prose

National Endowment for the Humanities

- Mar 1 Summer Seminars and Institutes

National Gallery of Art

- Mar 21 Research in Conservation and Art History/Archaeology; Visiting Senior Fellowships

National Science Foundation

- Mar 1 CISE: Advanced Computational Research; Digital Society and Technologies; Human-Computer Interaction; Information and Data Management; Knowledge and Cognitive Systems; Robotics and Human Augmentation; Universal Access
- Mar 1 EHR: Evaluation Research and Evaluation Capacity Building; Research on Learning and Education
- Mar 1 SBE: Law and Social Science—Research Experiences for Graduates Supplement
- Mar 3 BIO: Environmental Biology—Partnerships for Enhancing Expert Visits
- Mar 3 EHR: Informal Science Education
- Mar 4 BIO: Biocomplexity in the Environment—Integrated Research Materials Use: Science, Engineering, and Society
- Mar 4 MPS: New Technologies for the Environment
- Mar 6 ENG: Sensors and Sensor Networks
- Mar 7 BIO: Biological Field Stations and Marine Laboratories—Improvements in Facilities, Communications, and Equipment
- Mar 10 GEO: Cooperative Studies of the Earth's Deep Interior
- Mar 14 MPS: Electrical and Electromagnetic Modeling; Emerging Technologies; Engineering Design; Solid Mechanics and Structural Dynamics; Thermal Transport and Fluid Mechanics
- Mar 17 GEO: Geoscience Education Program
- Mar 24 CISE: Information Technology Research
- Mar 28 EHR: Gender Diversity in Science, Technology, Engineering

NATO

- Mar 1 Cooperative Science and Technology Subprogram, Physical and Engineering Sciences: Advanced Research Workshops; Advanced Study Institutes; Collaborative Linkage Grants; Expert Visits

Oak Ridge Associated Universities

- Mar 1 Graduate and Undergraduate Student Research Participation at the National Center for Toxicological Research

Supreme Court of the United States

- Mar 10 Judicial Internship Program

Other**Academy of Natural Sciences of Philadelphia**

- Mar 1 Jessup-McHenry Fellowships

Accrediting Council for Independent Colleges and Schools

- Mar 14 Dissertation Research Fellowship

American Association of Diabetes Educators

- Mar 1 Awards

American Cancer Society

- Mar 1 Clinical Research Training Grants for Junior Faculty
- Mar 1 Illinois Division: Research Grants; Postdoctoral Fellowships; Research Professorships

American Councils for International Education

- Mar 1 NIS Regional Language Program; Summer Russian-Language Teacher Exchange Program

American Educational Research Association

- Mar 20 AERA Fellows; Dissertation Grants; Research Fellows; Research Grants

American Museum of Natural History

Mar 8 Kade Graduate Student Fellowship Program

American Parkinson Disease Association

Mar 1 Advanced Centers for Parkinson's Disease Research; Cotzias Fellowship; Postdoctoral Research Fellowships; Research Grants

American Philosophical Society

Mar 1 Library Resident Research Fellowships; Phillips Fund Grants for Native American Research

American Statistical Association

Mar 1 ASA/USDA NASS Fellowship Research Program

Boston College

Mar 14 Center for Retirement Research: Sandell Grant Program for Junior Scholars

Bradley Foundation

(Education, Citizenship, Social Sciences, Economics, Political Sciences, Government, Politics, Public/Civic Affairs, Public Policy)

Mar 1 Grants

Bryn Mawr College

Mar 15 Mellon Postdoctoral Fellowship in Peace Research

Caledonian Research Foundation

Mar 7 Research Fellowships in the Biomedical Sciences

Cancer Research Foundation of America

Mar 1 Fellowships; Grants

Center on Budget and Policy Priorities

Mar 15 Internships

Chiang Ching-Kuo Foundation for International Scholarly Education

Mar 15 Conference/Seminar/Workshop Grants

Mar 15 Publication Subsidies; Travel Grants

Civic Education Project

Mar 1 Local Faculty Fellowships

Cornell University

Mar 1 Institute for German Cultural Studies: DAAD-Cornell Interdisciplinary Summer Seminar

Mar 1 New York State College of Human Ecology: Dean's Fellowship in the History of Home Economics and Human Nutrition

Council on International Educational Exchange

Mar 15 International Study Scholarships; Bowman Travel Grants; Bailey Scholarship

Crohn's and Colitis Foundation of America

Mar 15 Student Research Fellowships

Damon Runyon Cancer Research Foundation

Mar 15 Fellowships

Dartmouth College

Mar 1 Mellon Postdoctoral Fellowships in the Humanities and Social Sciences

Dorland Mountain Arts Colony

Mar 1 Residencies

Early American Industries Association

Mar 15 Research Grants

Epilepsy Foundation

Mar 1 Behavioral Sciences Research Training Fellowships; Behavioral Sciences Student Fellowships; Health Sciences Student Fellowships

Fats and Proteins Research Foundation

Mar 15 Research Grants

Ford Foundation

Mar 15 Research Travel Grants

Friends of the National Zoo

Mar 15 Communications Intern; Membership Interns

Hagley Museum and Library

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

Harvard Travellers Club**Permanent Fund**

Mar 31 Travel Grants for Graduate Students

Harvard University

Mar 15 Murray Research Center: Adolescent and Youth Research Award

House of Humour and Satire

Mar 1 International Biennial of Humour and Satire in the Arts

Humboldt Foundation

Mar 1 Max Planck Research Awards for International Cooperation

Institute for Humane Studies

Mar 15 Young Communicators Fellowships

Institute of International Education

Mar 15 Gilman International Undergraduate Scholarships

International Research and Exchanges Board

Mar 15 Roberts Fellowship

Jackson Foundation

(International Affairs)

Mar 1 Grants

Japan-United States Friendship Commission

Mar 1 Grants

Ladies Auxiliary to the Veterans of Foreign Wars

Mar 1 Postdoctoral Cancer Research Fellowships

Leukemia and Lymphoma Society

Mar 3 Translational Research Program

Library Company of Philadelphia

Mar 1 Dissertation and Advanced Research Fellowships; Research Fellowships in American History and Culture

Lincoln Institute of Land Policy

Mar 1 Dissertation Fellowships

Marine Biological Laboratory

Mar 1 NASA Planetary Biology Internship
Mar 3 Science Journalism

Middlebury College

Mar 15 Middlebury College Language Schools: Summer Research Fellowship

Modern Language Association of America

Mar 1 Russell Lowell Prize

NAFSA Association of International Educators (Cooperative Grants)

Mar 3 Mini-Grants

National Academies

Mar 1 Mirzayan Science and Technology Policy Internship

National Council for Eurasian and East European Research

Mar 15 Hewett Fellowship

National Council for the Social Studies

Mar 31 Metcalf Exemplary Dissertation Award

National Research Council

Mar 1 Transportation Research Board: Innovations Deserving Exploratory Analysis Program

Newberry Library

Mar 1 ACM/GLCA Faculty Fellowships
Mar 3 NEH Summer Institute for College and University Teachers: Summer 2003 French Travel Writing from the Americas

Prevent Blindness America

Mar 1 Grants-in-Aid; Postdoctoral Research Fellowships; Student Fellowships

Procter & Gamble Co.

Mar 1 Research and Product Development Summer Program for Doctoral Students

Rankin Foundation

Mar 1 Women's Education Fund

Rockefeller Foundation

Mar 1 University of North Carolina at Chapel Hill, Center for International Studies: Reimagining Civil Society in an Era of Globalization

Royal Society of Tropical Medicine and Hygiene

Mar 15 Burkitt Fellowships

Saint Louis University

Mar 1 Vatican Film Library: Mellon Fellowships

Sigma Xi, The Scientific Research Society

Mar 15 Research Grants-in-Aid

Smithsonian Institution

Mar 1 Smithsonian American Art Museum: Advanced Level Internships; Art Conservation Internships; Summer Internships; Cooper-Hewitt National Design Museum: Kell Munoz Fellowship; Haupt Fellowship in Horticulture; Institution Libraries: Baird Society Resident Scholars; Dibner Library Resident Scholars; Hirshhorn Museum and Sculpture Garden Graduate Internships

Smithsonian cont.

Mar 11 National Museum of American History: Lemelson Archival Internships
Mar 15 Center for Folklife Programs and Cultural Heritage: Internships
Mar 15 Freer Gallery of Art and Arthur M. Sackler Gallery: Internships
Mar 15 Smithsonian Center for Education and Museum Studies, Smithsonian Archives: Internships
Mar 31 National Portrait Gallery: Internships

Society for Human Resource Management

Mar 3 Graduate and Undergraduate Student Leadership Awards

United States Institute of Peace

Mar 1 Solicited and Unsolicited Grants

University of Illinois at Urbana-Champaign

Mar 1 Latin American Studies—Summer Visiting Scholars Grant

Washington Center

Mar 17 Internships

Washington University

Mar 1 DAAD/Max Kade Center for Contemporary German Literature Award

Wilson International Center for Scholars

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

AWARDS PROCESSED

Externally funded grants and contracts processed during December 2002

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
Decision Support for Water Quality Planning in Multiple-Ownership Watersheds	J. Beaulieu J. Nicklow S. Kraft C. Lant	Agribusiness Economics Civil Engineering Agribusiness Economics Geography	U of I/C-FAR (IDA)	\$48,000
Development of Model HACCP Programs and Implementation Strategies for Food Service Establishments	H. Ashraf	Animal Science, Food and Nutrition	U of I/C-FAR (IDA)	\$40,000
Using Large-Scale Gene Expression Analysis to Address Human Food Safety Concerns About the Consumption of GMO Products	W. Banz T. Winters D. Lightfoot	Animal Science, Food and Nutrition ASFN Plant, Soil, & General Ag	U of I/C-FAR (IDA)	\$39,000
*Enhancing the Nuclear Spin Polarization of Biomolecular Thin Films with Optical/Electron/Nuclear Triple Resonance	B. Goodson	Chemistry	Research Corporation	\$35,000
*Chronic Wasting Disease	E. Schaubert A. Woolf	Cooperative Wildlife Cooperative Wildlife	IDNR	\$4,999
Vertebrate Ecology and Land Use	A. Woolf	Cooperative Wildlife	Various Donors	\$750
*Golf Course Water Quality Protection Implementation Demonstration and Technical Assistance	M. Lydy	Fisheries Center	Wichita State U (Kansas Dept of Health and Environment)	\$14,871
A Research and Outreach Program to Identify Rural Development Opportunities: Putting the Agriculture and Rural Community Puzzle Together	A. Carver R. Beck	Forestry Agribusiness Economics	U of I/C-FAR (IDA)	\$155,000
*A Multivariate Geospatial Analysis of Engineering and Flood Response, Mississippi River System	N. Pinter	Geology	NSF	\$78,020
*Exporting Natural Disasters	N. Pinter	Geology	John D. and Catherine T. MacArthur Foundation	\$70,675

Title	Investigator(s)	Department(s)	Agency	Award
*Assessing the Health-Related Behaviors of Middle School Students	D. Birch	Health Ed and Recreation	Hult Health Education Center	\$10,000
*Behavioral and Physiologic Pathobiology of Mice	L. Toth	Laboratory Animal Medicine	USDHHS/NIH/NIA	\$115,715
Ulysses S. Grant Research	J. Simon	Library Affairs	Ulysses S. Grant Association	\$10,000
Advances in Aerobic Thermophilic Treatment for Energy Production from Swine Wastes	J. Blackburn	Mechanical Engineering	U of I/C-FAR (IDA)	\$40,000
Bacterial Pathogen and Antibiotic Content of Organic Food Fertilizer Produced from Aerobic Thermophilic Treatment of Swine Waste	J. Blackburn	Mechanical Engineering	U of I/C-FAR (IDA)	\$95,000
*Talampanel Open-Label Adjunctive Therapy: Follow-up Study to Determine Long-Term Safety and Efficacy in Patients with Partial Seizures	D. Naritoku	Medicine	Ivax Research	\$20,000
*Effect of Weight Loss on Bronchial Hyper-Reactivity in Obese Asthmatics: A Prospective Before-After Cohort Study	A. Sood	Medicine	IDPA	\$25,000
*Investigation of Remote Exam for Neuromotor Disease	R. Burns	Neurology	Telehealth Implementation Pilot Project	\$7,200
*Parkinson Disease Neuroprotection Clinical Trial: Clinical Centers	R. Burns	Neurology	USDHHS/NIH/NINDS	\$102,182
*Randomized, Double-Blind, Multicenter Comparison of the Effect of ONO 2506 Intravenous Infusion on Amelioration of Neurological Damage and Improvement in Stroke	J. Clark	Neurology	Omnicare	\$50,000
Molecular Basis of Snell Dwarf and Little Longevity	A. Bartke	Physiology	University of Texas Medical Branch at Galveston (USDHHS/NIH)	\$63,076
Turfgrass Investigations	K. Diesburg	Plant, Soil, & General Ag	Illinois Turfgrass Foundation	\$8,850
*Germplasm and Breeding Research Initiative	M. Schmidt	Plant, Soil, & General Ag	U of I/C-FAR (ISPOB)	\$126,000

Title	Investigator(s)	Department(s)	Agency	Award
Farmer Use of WWW Protocols	J. Webster W. Griffith B. Greer	Plant, Soil, & General Ag Plant, Soil, & General Ag Plant, Soil, & General Ag	U of I/C-FAR (IDA)	\$15,000
*Double-Blind, Placebo-Controlled, Parallel, Multicenter Study on Extended VTE Prophylaxis in Acutely Ill Medical Patients with Prolonged Immobilization	R. McLafferty	Surgery	Aventis Environmental Science	\$65,000
*Role of Nitric Oxide in Cisplatin-Induced Ototoxicity and Nephrotoxicity: Protection by Natural Product, Ginko Biloba	L. Rybak	Surgery	IDPA	\$23,855
*Woodrat Reintroduction and Recovery	G. Feldhamer	Zoology	IDNR	\$16,442

Training Awards

Residency Training in Primary Care - Quincy	J. Kruse	Family and Community Medicine	USDHHS/BHP	\$104,856
*Graduate Assistantship - Jackson County Health Department	D. Birch	Health Ed and Recreation	Jackson County Health Department	\$11,655
Recreation Graduate Assistant at Murphysboro District 186	R. Glover	Health Ed and Recreation	Murphysboro School District #186	\$13,320
MPA Internships	K. Snavelly	Political Science	City of Maryland Heights, MO	\$4,388
MPA Internships	K. Snavelly K. Surprenant	Political Science Political Science	River Heritage Museum	\$3,000
*Graduate Assistantship	S. Dollinger	Psychology	Anna Jonesboro Community High School District #81	\$7,008
IYC - Harrisburg Clinical Psychology Program	S. Dollinger	Psychology	IDOCR	\$28,032
*Behavioral Consultant Group	M. Dixon	Rehabilitation Institute	Center for Comprehensive Services	\$11,843
Educational Training Partnership	M. Tracy M. Miah	Social Work Social Work	IDCFS	\$5,684
Illinois Occupational Skill Standards Development	F. Reneau	Workforce Education	ISBE (USED)	\$90,000

Title	Investigator(s)	Department(s)	Agency	Award
Other Awards				
*Live Free: An SIUC Collegiate Anti-Tobacco Initiative	T. Heiple M. Cropper	Economic Development Economic Development	IDPH	\$500,000
Community Outreach Partnership Center (COPC)	T. Heiple R. Lenzi	Economic Development Economic Development	Various Donors (USDHUD)	\$15,000
Project 12-Ways Enhancement	B. Greene	Rehabilitation Institute	IDCFS (USDHHS)	\$3,462
Child Care Access Means Parents in School Program (CAMPUS)	E. Murray	Student Development	USED	\$129,201
Core Analysis Grant Generated Income	C. Presley	Student Health Programs	Various Donors	\$34,764
Touch of Nature Wilderness Programs - Outward Bound Program	D. Gename	Touch of Nature	IDCFS	\$100,000
*Digging into the Past: 25 Years of Cultural Investigations in Southern Illinois and Beyond	D. Bachman M. Hernandez B. Butler	University Museum Anthropology Archaeological Investigations	IHC (NEH)	\$8,089
Illinois State Curriculum Center and WED Professional Development	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED)	\$475,022

*indicates new award

Awards Processed During December 2002 (45) \$2,824,959

Summary of Fiscal Year 2003 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2003 Awards as of December 2002		Fiscal Year 2002 Awards as of December 2001	
Research	(183)	\$17,723,122	(164)	\$15,324,243
Training	(52)	\$4,245,794	(47)	\$3,457,646
Other	(74)	\$13,785,937	(98)	\$19,916,375
Federal	(70)	\$11,031,321	(80)	\$14,613,090
State	(114)	\$18,366,777	(105)	\$15,828,522
Industry	(39)	\$1,048,164	(36)	\$734,626
Foundation	(21)	\$717,022	(14)	\$680,062
Other	(65)	\$4,591,569	(74)	\$6,841,964
TOTAL	(309)	\$35,754,853	(309)	\$38,698,264

Fiscal Year 2003 Awards as of December 2002

awards distributed among investigators

	Research	Training	Other	Total
Office of the Vice Chancellor for Administration	\$0	\$0	\$279,200	\$279,200
College of Agricultural Sciences	\$3,630,477	\$159,515	\$5,000	\$3,794,991
College of Business and Administration	\$0	\$135,313	\$0	\$135,313
Office of the Chancellor	\$500,315	\$11,184	\$4,127,904	\$4,639,403
College of Education and Human Services	\$292,293	\$901,677	\$7,130,976	\$8,324,946
College of Engineering	\$889,677	\$304,632	\$0	\$1,194,309
Illinois Clean Coal Institute	\$2,980,136	\$0	\$0	\$2,980,136
Information Technology	\$0	\$27,500	\$0	\$27,500
School of Law	\$0	\$0	\$85,164	\$85,164
College of Liberal Arts	\$609,378	\$473,405	\$382,244	\$1,465,027
Library Affairs	\$52,046	\$0	\$0	\$52,046
College of Mass Communication and Media Arts	\$0	\$0	\$576,568	\$576,568
School of Medicine-Carbondale	\$1,073,112	\$416,512	\$250	\$1,489,874
School of Medicine-Springfield	\$4,259,577	\$424,352	\$668,843	\$5,352,772
Office of the Provost	\$0	\$0	\$255,240	\$255,240
Office of the Vice Chancellor for Research	\$2,087,237	\$1,085,664	\$145,348	\$3,318,249
College of Science	\$1,348,875	\$278,540	\$0	\$1,627,415
Student Affairs & Enrollment Management	\$0	\$27,500	\$129,201	\$156,701

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 Handbook* (online only). Print and online versions of the following are also available: annual *Research Profile, Perspectives magazine, Proposal Development Guide, Research Services and Support* (brochure), *Grant Funding Guide for Graduate Students* (brochure), *Undergraduate Research Opportunities* (brochure).

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, Liberal Arts, Mass Communication:**
Steve Banker, 453-4540, sbanker@siu.edu
- **Library, Medicine, 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.)

- Jeff Myers, 453-4556, jmyers@siu.edu
- Sonjie Schwartz, 453-4541, sonjie@siu.edu

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 glassware fabrication and scientific illustration, see 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, 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.