



RESEARCH MATTERS

Editor: Joel Fritzler ♦ Office of Research Development and Administration ♦ www.siu.edu/orda

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OF SPECIAL NOTE

SIUC Research Fair Scheduled

On Tuesday, April 4, from 3:30 to 5:00 p.m., the Office of the Vice Chancellor for Research and Graduate Dean will host the 2006 Research Fair in the Student Center's Corker Lounge and Ballroom B. Refreshments will be served (sorry, no cotton candy). At 4:00, Chancellor Walter Wendler will comment briefly about research being conducted at SIUC. His comments will be followed by a Q&A session. ORDA staff, including your favorite research project specialists, will be on hand to answer your questions.

All SIUC staff and faculty are welcomed and encouraged to attend.

Project Collaborators Wanted—New ORDA Service

Are you in need of assistance for your project/course from another discipline or even from your own discipline? Or are you looking for or willing to work with a project outside of your discipline? To assist in making these connections, ORDA will maintain a listing of staff and faculty who are seeking assistance or who are available to take part in an interdisciplinary project.

If you would like to be added to this list, send your name, contact information (phone # and/or e-mail address), and information about your specialty to Joel Fritzler at jcfritz@siu.edu. If you are seeking collaborators, include a list of desired disciplines.

NSF Outreach Workshop Offered at SIUE

SIUC faculty members are invited to a National Science Foundation outreach event co-sponsored by the SIUE Department of Sociology and Criminal Justice Studies and the SIUE Graduate School. Dr. Beth Rubin, Sociology Program Director at NSF, will conduct two workshops on March 17, at 10:00 a.m. and 2:00 p.m. in the third-floor conference room of the Lovejoy Library on the SIUE campus.

The first session will include a general overview of opportunities at NSF, particularly those in the social, behavioral, and economic sciences. The second session will include an interactive workshop on successful proposal preparation.

If you plan to attend either or both sessions, please inform Denise Cobb (Assistant Professor, Sociology and Criminal Justice Studies) via e-mail at pcobb@siue.edu or by phone at 618-650-2945. While pre-registration is not required, it would be helpful as they finalize their plans. Feel free to e-mail or call Denise with any questions. A map of SIUE is located at www.siu.edu/maps/.

Mark Your Calendars for the Research Forum

The fifth annual Undergraduate Research Forum will be held from 1:00 to 4:00 p.m. on Monday, April 3, in the Student Center Ballrooms. Nearly 50 posters will be presented by undergraduates, including those students currently holding Research/Creative Activity Awards through REACH.

Winners of REACH awards for 2006-07 will be announced at the forum, along with the prize winners for best posters.

The forum is being held in conjunction with the 2006 Research Day sponsored by Phi Kappa Phi/Sigma Xi/Phi Delta Kappa and with the Illinois Junior Science and Humanities Symposium. We invite faculty and students to drop by the poster sessions for all three events.

Call for Papers Announced

The 38th North American Power Symposium will be held at SIUC on September 17-19. The submission deadline for papers is July 1. For information about this conference, see www.engr.siu.edu/elec/naps2006/naps_home.htm.

SIUC Research Profile Now Available

The 2006 SIUC *Research Profile* has been published. Copies will be mailed to departments and colleges for their use with advisory boards, faculty candidates, visiting officials, industry representatives, and others interested in an overview of SIUC research and sponsored projects.

Faculty and staff may request copies by e-mailing Marilyn Davis at mdavis@siu.edu or by calling the ORDA main office at 453-4540.

NIH Pushes Back Date on Electronic Submissions

The National Institutes of Health has delayed by four months the date by which it will require electronic submission of R01 grant proposals and all subsequent grant mechanisms. The new target date is February 1, 2007.

For more information, see grants.nih.gov/grants/guide/notice-files/NOT-OD-06-035.html.

RESEARCH DIGEST

Review Process Approved for U.S. Education Research

—*excerpted from Education Week, Feb. 1, 2006*

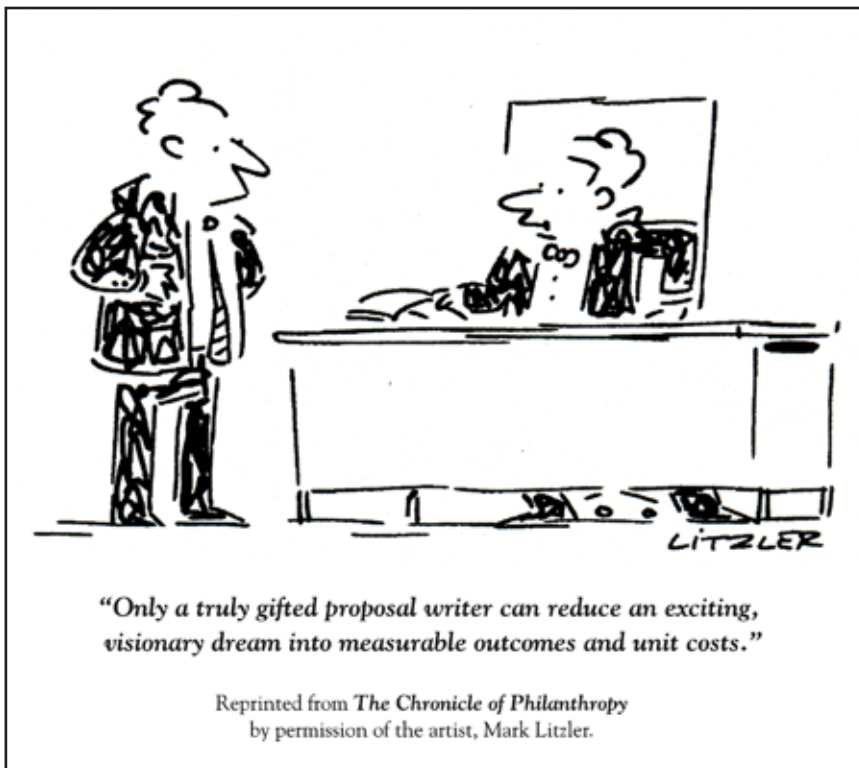
A national research advisory board has approved guidelines to govern the outside review processes that the U.S. Department of Education (ED) uses to screen and approve the studies and reports that it funds. Taking a cue from federal science agencies, such as the NIH and the NSF, the guidelines call for standing panels of reviewers to screen many of the research proposals funded by ED's primary research arm, the Institute of Education Sciences.

Critics have long said that ED's peer-review procedures are partly to blame for the low quality of federally funded education research. A department-commissioned report in 1999, for instance, said that such procedures were sometimes haphazard and that reviewers often lacked expertise in research methodology.

When the institute was created in 2002, federal officials began to set in place more-structured procedures for handling outside reviews. But, under federal law, those procedures have to be formally approved by the National Board of Education Sciences, a 14-member board whose members are nominated by the president. At its January meeting, the board essentially approved most of the mechanisms already in place, adding some small changes of its own.

The approved guidelines set up procedures for two kinds of research-review processes—one for deciding which research proposals the department will fund, and one for signing off on reports on federally financed education studies. Spanning about a year, the process for research proposals begins in March, when ED announces its research competitions. Panels meet to screen proposals twice a year, once in October or November and again in February or March.

Proposals are reviewed by either a standing peer-review panel or a single-session panel. Typically composed of 20



reviewers, the standing panels vet proposals for all the studies that fall under a particular topic area, such as reading or mathematics education.

For reports produced by the institute's four research centers, the guidelines call for two stages of review. The first stage occurs at the research centers themselves; the second takes place in the institute's office of standards and review, under the newly approved procedures. Officials in that office either have the reports reviewed by staff or recruit outside experts—two or more for each report—to critique them.

Asian Science on the Move

—from *Science*, Jan. 27, 2006

Asia is now close to spending one-third of all the money the world is devoting to R&D, according to the newly released *UNESCO Science Report 2005*. Of the world's gross expenditure on research and development (GERD) in 2002, about \$2.8 trillion, Asia accounted for 31.5%, up from 27.9% in 1997. At the same time, North America's share fell from 38.2% to 37.0%, and Europe's from 28.8% to 27.3%. The Asian spurt is led by China, whose GERD went from 3.9% of the world total in 1997 to 8.7% in 2002. Recent UNESCO figures indicate that the proportion of China's gross domestic product devoted to R&D more than doubled in less than a decade, reaching 1.44% in 2004.

NIH Unveils New Biomed Postdoc Grant

—excerpted from *The Chronicle of Higher Education*, Feb. 10, 2006

The National Institutes of Health has announced a new grant to help biomedical postdoctoral researchers establish independent scientific careers. The agency expects to make up to 200 awards annually to assist young scientists with the boldest and best research ideas in making the transition to becoming faculty members who can win research awards on their own.

The new program is meant to help solve a problem that some fear could

damage the pace and vigor of scientific progress: the growing length of time that researchers spend in graduate training and postdoctoral work before they establish independent careers. In 2002 the median age at which Ph.D. researchers received their first NIH research grant was 42, up from 37 in 1980.

The NIH already awards a variety of training grants to postdoctoral researchers who work with established scientists. But to develop independent careers at universities, scientists need to win research grants from the NIH or other sources. The new grants, to be called the NIH Pathway to Independence Awards, offer a hybrid of the NIH's training and research grants. The awards will provide postdocs up to two years of support, at up to \$90,000 annually in total costs, to work with a mentor. In addition, awardees may receive \$249,000 more in total costs annually for an additional three years, with the condition that they find an academic job on the tenure track or its equivalent.

FUNDING OPPORTUNITIES

For more information about these programs, contact Joel Fritzier, ORDA information specialist, at 3-4530 or jcfritz@siu.edu.

Gerber Foundation: Pediatric Health, Nutrition, & Safety

The Gerber Foundation will make grants of up to \$1 million each over three years to support research on **pediatric health, pediatric nutrition**, and the effects of **environmental hazards** on children from before birth to age 3. Letters of inquiry regarding grants are requested. For more information about this program, see www.gerberfoundation.org or www.gerberfoundation.org/grantmaking_policies.htm, or contact Catherine Obits (231-924-3175, tgf@ncresa.org).

DEADLINE: June 1

Human Growth Foundation: Postdoctoral Research

The Human Growth Foundation has announced its 2006 Small Grants Program for investigation of human growth and its disorders. Special consideration will be given to new investigators and ideas new to the field. Postdoctoral research dealing with all aspects of normal and abnormal growth in the biological, psychological, educational, and dietary areas will be considered.

Potential applicants must send an NIH-type biographical sketch and two-page letter of intent to HGF by May 1. The applicants selected will be notified by June 20, at which time the foundation will request submission of a full grant application in NIH format. Full applications will be due by September 1, and award notices will be sent by November 15.

Up to three grants in the amount of \$7,500 to \$10,000 each will be awarded. For more information about this program, see www.hgfound.org/smallgrants.html or contact HGF (hgf1@hgfound.org, 800-451-6434).

DEADLINES: Letters of Intent (mandatory)—May 1; Full Applications—Sept. 1

Alternatives Research and Development Foundation

The ARDF, a leader in the funding and promotion of alternatives to the use of laboratory animals in research, testing, and education, is currently soliciting research proposals to its Alternatives Research Grant Program. For 15 years, this innovative program has rewarded scientists who have an interest and expertise in alternative research investigation.

From four to six grants of up to \$40,000 each will support the development of alternatives to traditional uses of laboratory animals in education, research, and testing.

For more information about this program, see www.ardf-online.org, or contact the ARDF at 215-887-8076 or grants@ardf-online.org.

DEADLINE: April 30

American Cancer Society: Psychosocial and Behavioral Research

The Illinois Division of the American Cancer Society has announced the availability of grants in psychosocial and behavioral research to reduce cancer incidence and mortality. This expanded research grant program is designed to encourage investigators from a variety of academic, clinical, scientific, and public health disciplines (e.g., medicine, public health, health informatics, epidemiology, anthropology, social work, health policy, and behavioral sciences).

The program will support investigator-initiated research projects in psychosocial, behavioral, and cancer control research, including epidemiologic approaches to psychosocial and behavioral research. Awards are for up to \$250,000 per year (combined direct and indirect costs) for up to four years.

For more information about this program see www.cancer.org (click on "Professionals," then "Funding Opportunities"), or contact Carolyn Grear in Marion, Ill. (618-988-9898).

DEADLINE: March 31

State Farm Companies Foundation: Education Grants

The State Farm Companies Foundation is primarily committed to raising the level of student achievement in elementary and secondary schools, as well as supporting key higher education initiatives. The foundation provides funding for the following Education Excellence initiatives that are national in scope:

- K-12 Public Schools
- Service Learning
- Systemic Improvement
- Teacher Excellence

For more information about this program, see www.statefarm.com/foundati/foundati.htm, or contact the foundation directly (309-766-2161, home.sf-foundation.494b00@statefarm.com).

DEADLINE: May 16

U.S. Department of Education: Arts in Education

The U.S. Department of Education's Arts in Education Model Development and Dissemination program supports the development, documentation, evaluation, and dissemination of innovative, cohesive models that demonstrate effectiveness in:

- Integrating and strengthening arts into the core elementary and middle school curricula.
- Strengthening arts instruction in those grades.
- Improving students' academic performance, including their skills in creating, performing, and responding to the arts.

Grants are designed to enable local education agencies and organizations with art expertise to further create and develop materials for the replication or adaptation of current comprehensive approaches for integrating a range of arts disciplines—such as music, dance, theater, and visual arts, including folk arts—into the elementary and middle school curricula.

Projects should:

- Further the development of programs designed to improve or expand the integration of arts education in elementary or middle school curricula.
- Develop materials designed to help replicate or adapt arts programs.
- Document and assess the results and benefits of arts programs.
- Develop products and services that can be used to replicate arts programs in other settings.

Applicants must describe an existing set of strategies for integrating the arts into the regular elementary and middle school curricula, which could then successfully be implemented, expanded, documented, evaluated, and disseminated.

For more information about this program, see www.ed.gov/programs/artsedmodel or contact Diane Austin (202-260-1280, artsdemo@ed.gov).

DEADLINE: April 7

NSF: Course, Curriculum, and Laboratory Improvement

The National Science Foundation's Course, Curriculum, and Laboratory Improvement (CCLI) program seeks to improve the quality of science, technology, engineering, and mathematics (STEM) education for all undergraduate students. The program supports efforts to create new learning materials and teaching strategies, develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, and conduct research on STEM teaching and learning.

The program supports three types of projects representing three different phases of development, ranging from small, exploratory investigations to large, comprehensive projects.

It is estimated that 71 to 99 awards will be made from an anticipated funding amount of \$31 million. For more information about this program, see www.nsf.gov/pubs/2006/nsf06536/nsf06536.htm. For general inquiries, contact Myles Boylan (703-292-4617, mboylan@nsf.gov). Contacts for program directors in Biological Sciences, Chemistry, Computer Science, Engineering, Geological Sciences, Mathematics, Physics/Astronomy, and Social Sciences may be found at the same web address.

DEADLINES: Phase 1 Proposals—May 9; Phase 2 and 3 Proposals—Jan. 10, 2007

NSF: Interdisciplinary Undergraduate Training in Biology and Math

The goal of the National Science Foundation's Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences activity is to enhance undergraduate education and training at the intersection of the biological and mathematical sciences and to better prepare undergraduate biology or mathematics students to pursue graduate study and careers in fields that integrate the mathematical and biological sciences. The core of the

activity is long-term research experiences for interdisciplinarily balanced teams of at least four undergraduates. **Projects should focus on research at the intersection of the mathematical and biological sciences.**

Projects should give students exposure to contemporary mathematics and biology, addressed with modern research tools and methods. Projects must involve students from both areas in collaborative research experiences and include joint mentorship by faculty in both fields. In addition, it is expected that projects will strengthen the research and education capacity, infrastructure, and culture of the participating institutions.

It is estimated that six to nine awards will be made from an anticipated funding amount of \$3.2 million. For more information about this program, see www.nsf.gov/pubs/2006/nsf06541/nsf06541.htm or contact Mary Ann Horn (703-292-4879, mhorn@nsf.gov).

DEADLINE: May 18

NSF: Math and Science Partnerships

The National Science Foundation's Math and Science Partnership (MSP) program is a major research and development effort that supports innovative partnerships to improve K-12 student achievement in mathematics and science. MSP projects are expected to raise the achievement levels of all students and to significantly reduce achievement gaps in the mathematics and science performance of diverse student populations. Successful projects serve as models that can be widely replicated in educational practice to improve the mathematics and science achievement of all the nation's students.

In this solicitation, the NSF seeks to support two types of MSP projects: **Institute Partnerships—Teacher Institutes for the 21st Century**, which are especially for the science disciplines in the secondary grades and for elementary science specialists; and **Research, Evaluation and Technical Assistance (RETA) Projects**, which directly support the work of the institutes or engage national disciplinary

and professional societies in MSP work.

It is estimated that eight awards will be made from an anticipated funding amount of \$13 million. For more information about this program, see www.nsf.gov/pubs/2006/nsf06539/nsf06539.htm or contact Kathleen Bergin (703-292-5171, kbergin@nsf.gov).

DEADLINES: Letters of Intent (strongly encouraged)—April 14; Full Proposals—May 17

NSF: Broadening Participation in Computing

The National Science Foundation's BPC program aims to significantly increase the number of U.S. citizens and permanent residents receiving postsecondary degrees in the computing disciplines. Initially, its emphasis will be on students from communities with longstanding underrepresentation in computing: women, persons with disabilities, and minorities. The BPC program seeks to engage the computing community in developing and implementing innovative methods to improve recruitment and retention of these students at the undergraduate and graduate levels.

Two of the three components to the BPC program are **Alliances** and **Demonstration Projects**.

Broad Alliances of institutions and organizations will design and carry out comprehensive programs that address underrepresentation in the computing disciplines. Alliances will join academic institutions of higher learning with secondary (and possibly middle) schools, government, industry, professional societies, and other not-for-profit organizations.

Demonstration Projects (DPs) are smaller in scope and narrower in focus than Alliance projects. Typically, DPs will be pilots of innovative programs that, once fully developed, could be incorporated into the activities of an Alliance. Projects might, for example, be proposed by a single institution or might focus on a specific underrepresented community, or on a specific impediment to full participation in computing.

It is estimated that 10 to 20 awards will be made from an anticipated funding amount of \$14 million. For more information about this program, see www.nsf.gov/pubs/2006/nsf06540/nsf06540.htm, or contact Janice Cuny (703-292-8950, jcuny@nsf.gov).

DEADLINE: May 17

National Fish and Wildlife Foundation: Nature of Learning

The National Fish and Wildlife Foundation, in cooperation with the U.S. Fish and Wildlife Service National Wildlife Refuge System and National Conservation Training Center, The Keystone Center, and the National Wildlife Refuge Association, is soliciting applications from organizations interested in initiating The Nature of Learning in their communities. The Nature of Learning is the National Wildlife Refuge System's community-based environmental education initiative that seeks to:

- Use national wildlife refuges as outdoor classrooms to promote a greater understanding of local conservation issues;
- Encourage an interdisciplinary approach to learning that seeks to enhance student academic achievement;
- Utilize field experiences and student-led stewardship projects to connect classroom lessons to real-world issues; and
- Create partnerships among local schools, community groups, natural resource professionals, and local businesses.

Grants of up to \$5,000 will be awarded on a competitive basis to support start-up expenses associated with new programs. In addition, grants of up to \$3,000 will be awarded on a comprehensive basis to provide continued support to existing Nature of Learning programs.

For more information about this program, see www.nfwf.org/programs/tnol.cfm or contact Deborah Moore (deborah_moore@fws.gov) or Kim Chumney (kmchumney@keystone.org).

DEADLINE: April 17

State Department: Summer Institutes for Pakistani Students

The U.S. State Department's Bureau of Educational and Cultural Affairs is seeking detailed proposals for the U.S. Summer Institutes for Pakistani Undergraduate Students program. The institutes will cover the following fields: **political science, international relations, law, history, sociology, American studies**, and/or other disciplines or sub-disciplines related to the study of the United States.

"The United States Today: Politics, Society and Culture" Summer Institutes are intended to provide two groups of 15-20 undergraduate students from Pakistan with an introduction to the main contours of contemporary American life and institutions. The Summer Institutes should be designed in such a way that the central institutions of American political, economic, social, religious, and cultural experience are explored through lectures, debates, roundtable discussions, and site visits.

While the general focus should be on the United States today, the program should be structured to provide an introductory overview on the evolution of American institutions throughout U.S. history. The program should therefore seek to introduce participants to the core values of the people of the United States in the 21st century as those values have evolved over time.

It is estimated that two awards will be made from an anticipated funding amount of \$250,000. For more information about this program, see exchanges.state.gov/education/rfgps/march31rfgp.htm or contact Joshua Kreiser (202-453-8096, KreiserJD@state.gov).

DEADLINE: March 31

GRANT DEADLINES

April and May 2006

*Information on many of the following programs is available from the Community of Science grants database at www.cos.com. For web links to programs, contact Joel Fritzier at jcfritz@siu.edu or see the "External Funding" pages on ORDA's web site. **Proposals with signatures should be submitted to ORDA at least two working days before the agency submission deadline.***

April 2006

Federal

Agriculture

Apr 30 Grazing Lands Conservation Initiative

Defense

- Apr 06 DARPA: Brood of Spectrum Supremacy (radio frequency)
Apr 11 USAMRMC: Breast Cancer Research
Apr 18 USAMRMC: Prostate Cancer—New Investigator Awards; Idea Development Awards
Apr 25 USAMRMC: Neurofibromatosis—New Investigator Awards; Concept Awards
Apr 25 USAMRMC: Tuberos Sclerosis Complex Research

Environmental Protection Agency

Apr 24 National Air Toxics Assessments and Risk Assessment

Health and Human Services

- Apr 03 CDC: Antimicrobial Resistance
Apr 09 NCI: Quick-Trials of Novel Cancer Therapies—Exploratory
Apr 10 AHRQ: Grants for Health Services Dissertation Research
Apr 10 NIH: Pediatric HIV/AIDS Cohort Study Initiative

HHS cont.

- Apr 11 NIH: Countermeasures Against Chemical Threats
Apr 11 CDC: Intervention Research to Promote the Health of People with Disabilities
Apr 12 NIH: Toward Imaging the Pancreatic Beta Cell in People
Apr 12 NIH: Biomarkers of Autoimmunity in Type 1 Diabetes
Apr 18 CDC: Prevention of Airborne Infections in Occupational Settings
Apr 18 CDC: Workplace Violence Prevention
Apr 20 NCI: Small Grants for Behavioral Research in Cancer Control
Apr 20 NHLBI: Genome-Wide Association Studies to Identify Genetic Components Related to Heart, Lung, and Blood Disorders
Apr 21 NICHD: Environmental Chemicals and Gynecologic Health
Apr 24 NICHD: Genetic Factors in Birth Defects

Justice

Apr 25 Process and Outcome Evaluation of G.R.E.A.T.

NASA

- Apr 05 Ground-Based Studies in Radiation Biology
Apr 14 Astronomy and Physics Research and Analysis
Apr 17 Interdisciplinary Research in Earth Sciences
Apr 28 Precipitation Science

National Archives and Records

Administration

Apr 01 Research at the Truman Library

National Science Foundation

Apr 20 Mathematical, Social, and Behavioral Sciences

United States Agency for International Development

Apr 20 Program to Strengthen Parliamentary Processes in Ghana

Other**Addiction Research Institute Rotterdam (Netherlands)**

Apr 01 IVO Award for Young Researchers in the Field of Addiction

Alternatives Research and Development Foundation

(Non-Animal Methods in Biomedical Research, Product Testing, and Education)
Apr 30 Research Grants

American Cancer Society

Apr 01 Various Grants

American College of Chest Physicians

Apr 28 Various Grants

American Foundation for Suicide Prevention

Apr 15 Pilot Grants

American Institute of Physics

Apr 01 Chretien International Research Award

American Physiological Society

Apr 15 APS Teaching Career Enhancement Awards

American Psychological Association

Apr 15 Gralnick Research Investigator Award

American Rivers

Apr 28 River Restoration Grants

American Society of Primatologists

Apr 30 Small Grants

American Syringomyelia Alliance Project

(Syringomyelia/Chiari Malformation)
Apr 01 Research Grants

Association for International Cancer Research

Apr 28 Grants

Case Cancer Fund

Apr 01 Grants

Childhood Brain Tumor Foundation

Apr 15 Grants

Creative Capital Foundation

Apr 14 Visual and Media Arts

DEBRA International

Apr 01 Epidermolysis Bullosa Research

Foundation for the Future

(Humanities)
Apr 30 Research Grants

Gunk Foundation

Apr 30 Public Art Grants

Immune Tolerance Network

Apr 14 ITN Scholars Program

International Association for the Study of Pain

Apr 30 Collaborative Research

International Center for Jefferson Studies at Monticello

Apr 01 Travel Grants

International Dyslexia Association

Apr 01 Research Grants

International Rett Syndrome Association

Apr 15 Research Grants

Laerdal Foundation for Acute Medicine

Apr 01 Research & Development in Acute Medicine

March of Dimes Birth Defects Foundation

Apr 15 Research Grants: Prematurity Initiative
Apr 30 General Research Grants

McKnight Fund

Apr 15 Neuroscience of Brain Disorders

National Marfan Foundation

(Marfan Syndrome)
Apr 01 Traditional Grants

National Multiple Sclerosis Society

Apr 30 Pediatric Multiple Sclerosis Centers

Parseghian Medical Research Foundation

(Niemann-Pick Type C Disease)
Apr 01 Grants

Roche Organ Transplantation Research Foundation

Apr 01 Grants

Society for Progressive Supranuclear Palsy

Apr 01 Research Grants

Whitehall Foundation

(Life Sciences, Neurobiology)
Apr 15 Research Grants and Grants-in-Aid

May 2006**Federal****American Museum of Natural History**

May 01 Collection Study Grants

Health and Human Services

May 01 NIH: Various HIV/AIDS Programs

May 01 NIDA: Cutting-Edge Basic Research Awards on Drug Abuse

May 06 NIAID: Tuberculosis Research Unit

May 08 NIAID: Network on Antimicrobial Resistance in *Staphylococcus aureus*

May 10 NCI: Tumor Microenvironment Network

May 12 NHLBI: Research Career Development Programs in Vascular Medicine

May 16 NIH: Brain Disorders in the Developing World

May 17 NIH: Continued Development and Maintenance of Software

May 17 Community Participation in Research

May 17 NCI: Collaborations with National Centers for Biomedical Computing

May 18 NCI: Small Animal Imaging Resource Program

HHS cont.

- May 21 NIH: International Research Collaboration—Basic Biomedical Research
- May 22 NIH: Bioengineering Research Partnerships
- May 26 NCI: Applications of Emerging Technologies for Cancer Research
- May 26 NCI: Innovative Technologies for Molecular Analysis of Cancer

NASA

- May 01 International Polar Year
- May 05 Planetary Geology and Geophysics
- May 12 Heliophysics Guest Investigators
- May 15 Atmospheric Composition: Tropical Composition, Cloud, and Climate Coupling Experiment
- May 19 Cosmochemistry

National Endowment for the Humanities

- May 01 Fellowships for University Teachers
- May 01 Fellowships and Faculty Research Awards
- May 01 Fellowships: Advanced Social Science Research on Japan

National Science Foundation

- May 04 Advanced Learning Technologies
- May 09 Course, Curriculum, and Laboratory Improvement
- May 18 Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences
- May 17 Math and Science Partnerships

Other**American Academy of Child and Adolescent Psychiatry**

- May 02 Pilot Research for Attention Disorders

American Academy of Pediatrics

- May 05 Neonatal Resuscitation Program

American Federation for Aging Research

- May 02 Breakthroughs in Gerontology

Association for Education in Journalism and Mass Communication

- May 01 MC&S Research

Batten Disease Support and Disease Research Association

- May 24 Research Grants

Crohn's and Colitis Foundation of America

- May 01 Career Development Awards
- May 01 Research Fellowships

Dreyfus Foundation

- (Chemistry, Chemical Engineering, Biochemistry)
- May 11 New Faculty Award

Graphic Arts Education and Research Foundation

- May 15 Grants

Hawai'i Council for the Humanities

- May 01 Research Assistance

Health Effects Institute

- May 23 Health Effects of Air Pollution

Honda Corp.

- (Science and Technology Related to Personal Mobility and Transportation)
- May 01 Honda Initiation Grant

Human Growth Foundation

- May 15 Small Grants

Alexander von Humboldt Foundation

- May 31 Research Fellowships for Outstanding Scholars Resident Outside of Germany (not restricted by discipline)

International Institute for Research in Paraplegia

- May 27 Grants

Internationaler Musikwettbewerb der ARD

- May 02 International Music Competition

Lehrman Institute of American History

- May 12 Fellowship in American Civilization

Mallinckrodt Foundation (St. Louis)

- May 01 Biomedical Research

Matsushita International Foundation (Social Sciences)

- May 20 Research

Montres Rolex S. A.

- (Cultural Heritage, Environment, Medicine, Science, Technology)
- May 31 Research

Motor Neurone Disease Association

- May 16 Research Grants

Multiple Myeloma Research Foundation

- May 02 Senior Research Grants

Rubin Foundation

- May 05 Social Sciences Grants

Scientific Committee on Antarctic Research

- May 31 Fellowships

Spina Bifida Association of America

- May 09 Young Investigator Award

Tree Research and Education Endowment Fund

- May 01 Grants

Wenner-Gren Foundation for Anthropological Research

- May 01 Postdoctoral Grants and Fellowships

Women Against Lung Cancer

- May 31 Research Grants

World Health Organization

- May 02 Research & Training in Tropical Diseases

AWARDS PROCESSED

Externally funded grants and contracts processed during February 2006

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
Swine Research	G. Apgar	Animal Science, Food and Nutrition	Various Donors	\$7,200
*Archaeological Survey for National Guard Facility at Scott Air Force Base, St. Clair County	M. Wagner	Archaeological Investigations	Illinois National Guard	\$3,040
Center for Advanced Friction Studies - Industrial Sponsors	P. Filip	Center for Advanced Friction Studies	Various Donors	\$100
Swan Lake Habitat Rehabilitation Project	M. Eichholz	Cooperative Wildlife	U.S. Army/Corps of Engineers	\$36,792
Special Reclamation Projects	J. Nawrot	Cooperative Wildlife	Various Donors	\$18,136
Special Wildlife Studies	J. Nawrot	Cooperative Wildlife	IDNR	\$5,200
Canada Lynx - Various	C. Nielsen	Cooperative Wildlife	Various Donors	\$5,950
Tracking Rare Incidence Syndromes	D. Bruns	Educational Psychology and Special Education	Various Donors	\$1,500
*SGER: A VLIW/Superscalar Heterogeneous Multi-Core Architecture and the Compiler Support	W. Zhang	Electrical and Computer Engineering	NSF	\$99,812
Swan Lake Habitat Rehabilitation and Enhancement Project: Post-Project Monitoring of Fish Movement, Fish Community, Waterfowl, Water Quality, Vegetation, and Invertebrates	J. Garvey R. Neumann R. Brooks	Fisheries Center Fisheries Center Fisheries Center	U.S. Army/Corps of Engineers	\$116,555
Control of Tree Roots in Sewers	J. Groninger	Forestry	Various Donors	\$10,000
Timber Stand Improvement/Burn	C. Ruffner	Forestry	Various Donors	\$848
*Collaborative Research: Multivariate Geospatial Modeling of Levee Impacts on Flood Heights, Lower Mississippi River	N. Pinter	Geology	NSF	\$45,057
ICCI Coal Research Program	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$640,211

Title	Investigator(s)	Department(s)	Agency	Award
Ulysses S. Grant Research	J. Simon	Library Affairs	Ulysses S. Grant Association	\$28,241
Finite and Infinite-Dimensional Stochastic Dynamical Systems	S. Mohammed	Mathematics	NSF	\$43,500
Evaluation Database Development for GPe Gasification Process Technology	E. Hippo	Mechanical Engineering	GreatPoint Energy	\$124,268
Collaborative Research: Microbial Diversity and Function in the Permanently Ice-Covered Lakes of the McMurdo Dry Valley, Antarctica	M. Madigan	Microbiology	NSF	\$59,637
Southern Illinois Symphony Orchestra	E. Benyas	Music	IAC (NEA)	\$7,050
*Educational Outreach Programs	K. Ginther	Music	IAC	\$15,750
*Value-Added Products from FDG Sulfite-Rich Scrubber Materials	V. Malhotra	Physics	USDOE	\$133,999
*CAREER: Seeking Half-Metallic Alloys	S. Stadler	Physics	NSF	\$99,474
*SGER: Do Hurricanes Spur Responses of Coastal Communities to Changing Sea Level?	L. Battaglia	Plant Biology	NSF	\$12,149
Botanical Images	D. Nickrent	Plant Biology	Various Donors	\$300
Soybean Breeding	M. Schmidt	Plant, Soil, & Ag Systems	Various Donors	\$8,086
Soil Fertility Research	E. Varsa	Plant, Soil, & Ag Systems	Various Donors	\$2,500
Cucurbit Research	A. Walters	Plant, Soil, & Ag Systems	Various Donors	\$2,107
Sustainable Agriculture Research	B. Young	Plant, Soil, & Ag Systems	Various Donors	\$49,400
Effects of Vitamin B ₃ on Traumatic Brain Injury	M. Hoane	Psychology	USDHHS/NIH	\$214,500
*Initial Preclinical Efficacy Testing of COG1410 in a Rat Model of Traumatic Brain Injury	M. Hoane	Psychology	Cognosci, Inc.	\$25,006
*Using Batterer Psychological Profiles for IPV Prevention	R. Weston	Psychology	U of Texas-Houston (USDHHS/NIH/CDC)	\$33,654
<i>The Papers of Ulysses S. Grant, Volume 13; 2D Printing</i>	S. Wilson	University Press	NARA/NHPRC	\$3,000
<i>The Papers of Ulysses S. Grant, Volume 14; 2D Printing</i>	S. Wilson	University Press	NARA/NHPRC	\$3,000

Title	Investigator(s)	Department(s)	Agency	Award
<i>The Papers of Ulysses S. Grant,</i> Volume 29	S. Wilson	University Press	NARA/NHPRC	\$10,000
<i>The Papers of Ulysses S. Grant,</i> Volume 30	S. Wilson	University Press	NARA/NHPRC	\$10,000
Zoology Research	W. Muhlach	Zoology	Various Donors	\$370
Training Awards				
EMBA Program in Singapore	R. Rivers	Accountancy	Various Donors	\$37,550
Hong Kong EMBA	R. Rivers	Accountancy	Management Development Institute (Hong Kong)	\$19,917
Dragline Training	J. Mead	Coal Research Center	Various Donors	\$39,000
Foster Parent Training Program	P. Eckert	Continuing Education	IDCFS	\$5,113
PROTEACH	B. Dixon	Curriculum and Instruction	Various Donors	\$7,575
Motorcycle Rider Program Registration	D. Ritzel M. Ashner	Health Ed and Recreation Health Ed and Recreation	Various Donors	\$3,840
Generated Income - Region V RCEP	D. Adams	Rehabilitation Institute	Various Donors	\$19,030
Generated Income - Region V RCEP	D. Adams	Rehabilitation Institute	Various Donors	\$13,620
Other Awards				
Southern Illinois Reading Service	C. Isberner	Broadcasting Service	Various Donors	\$125
Ready to Learn	E. Spezia	Broadcasting Service	Various Donors	\$5,250
28th Big Muddy Film Festival	M. Covell	Cinema and Photography	IAC (NEA)	\$4,290
*Supplemental Education Services - Egyptian Community Unit District School #5 - Middle School	A. Karmos	Curriculum and Instruction	Egyptian Community Unit School District #5	\$19,319
*Supplemental Education Services - Meridian High School	A. Karmos	Curriculum and Instruction	Meridian Community Unit School District #101	\$18,182
*Quality Counts Child Care Grant	M. Viernow	Curriculum and Instruction	Child Care Resource and Referral	\$523
Southern Illinois Entrepreneurship Center Program Income	E. Carter	Economic Development	Various Donors	\$410
Southern Illinois Manufacturing Extension Center Program Income	L. Lindberg	Economic Development	Various Donors	\$89,456

Title	Investigator(s)	Department(s)	Agency	Award
<i>Crab Orchard Review</i>	J. Tribble A. Joseph	English English	IAC (NEA)	\$7,500
Illinois Wood Products	J. Phelps	Forestry	Illinois Wood Products Association	\$2,000
*DFI Fellows - FY2006	J. Meuth	Graduate School	IBHE	\$113,000
Altgeld Performing Artist Series	K. Ginther	Music	IAC (NEA)	\$4,030
*Southern Illinois Chamber Music Society	K. Ginther	Music	IAC (NEA)	\$4,170
British Ecological Society <i>Journal of Ecology</i> Editorship	D. Gibson	Plant Biology	British Ecological Society	\$1,971
EDC Non-DORS Client Services	D. Shelton	Rehabilitation Institute	Various Donors	\$3,565
Legal Services to the Elderly - Generated Income	M. Rudasill	School of Law	Various Donors	\$285
*Arts Education Festival	R. Cerchio	Shryock Auditorium	Carbondale Community Arts/Southern Arts Fund (IAC)	\$900
Shryock Auditorium Events 2005-2006	R. Cerchio	Shryock Auditorium	IAC (NEA)	\$37,800
SBDC Generated Income	R. Russell	Small Business Development Center	Various Donors	\$6,127
Core Analysis Grant Generated Income	C. Presley	Student Health Programs	Various Donors	\$20,587
Regional Substance Abuse Network Conference: Generated Income	C. Presley	Student Health Programs	EDC Education Development Center	\$2,500
*Enhancing Basic Technology Skills for Military Dependent Secondary Students	B. Hagler E. Freeburg	Workforce Education Workforce Education	Illinois State U/Illinois University Council for Career and Technical Education	\$5,000

*indicates new award

Awards Processed During February 2006 (66) \$2,369,027

Summary of Fiscal Year 2006 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2006 Awards as of February 2006		Fiscal Year 2005 Awards as of February 2005	
Research	(231)	\$19,527,129	(228)	\$16,480,797
Training	(44)	\$3,595,380	(50)	\$5,242,833
Other	(133)	\$23,836,290	(114)	\$21,847,669
Federal	(88)	\$15,477,543	(77)	\$12,656,902
State	(124)	\$19,633,931	(118)	\$16,153,648
Industry	(38)	\$1,703,119	(57)	\$2,666,474
Foundation	(22)	\$1,295,811	(25)	\$1,186,197
Other	(136)	\$8,848,395	(115)	\$10,908,077
TOTAL	(408)	\$46,958,799	(392)	\$43,571,299