



RESEARCH MATTERS

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OF SPECIAL NOTE

Changes in Grant Mechanisms Announced for Some NIH Agencies

Effective with the October 1 receipt date, the National Institute on Drug Abuse (NIDA), the National Library of Medicine (NLM), the National Institute of Dental and Craniofacial Research (NIDCR), and the National Institute for Neurological Disorders and Stroke (NINDS) will use the NIH Exploratory/Developmental Research Grant Award (R21) and the NIH Small Research Grant Program (R03), instead of separate programs through the individual agencies.

Illinois Humanities Council Changes Deadline Dates

New deadlines have been announced for Illinois Humanities Council grant applications.

- Major Grants (including Media Grants): Draft proposals (strongly encouraged)—Jun. 1, Jan. 1; Full proposals—Jul. 15, Feb. 15

- Mini Grants: Draft proposals (strongly encouraged)—three weeks prior to proposal deadlines; Full proposals—Jul. 15, Oct. 15, Jan. 15, Apr. 15

IHC website: www.prairie.org.

Recent Honors

Scott Comparato and Scott McClurg, Political Science, are the recipients of the 2003 American Judicature Society Award given by the Law and Courts Section of

the American Political Science Association. The award is made annually for the best paper presented at a political science conference, and was given to them for “State Supreme Court Compliance with the Supreme Court’s Search and Seizure Decisions,” presented at the annual meeting of the Southern Political Science Association.

FUNDING OPPORTUNITIES

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

NIGMS, NIDDK: Integrative and Collaborative Approaches to Research

The National Institute of General Medical Sciences (NIGMS) and the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) will provide additional support for collaborative and integrative activities to groups of currently funded investigators working on a common problem. These activities should significantly enhance the investigators’ existing capabilities and introduce new approaches to the research aims of their funded projects. The new support, using the R24 consortium grant mechanism, should allow the participating investigators to attract and coordinate expertise in different disciplines and approaches and facilitate access to specialized resources and equipment. This mechanism must introduce new collaborative activities that

will further the shared research goals of the consortium members' individual funded grants. The requested resources must facilitate a synthesis of information that would not take place if each grant was independently supplemented.

All areas of research traditionally supported by NIGMS will be considered as appropriate for the proposal. Applicants are advised to visit the NIGMS website at www.nih.gov/nigms for detailed information on areas of research interest. Only the following areas of research will be considered for NIDDK-funded investigators: diabetes and its complications, obesity, kidney and urologic diseases, cystic fibrosis, inborn errors of metabolism, endocrinology, and hematology.

More information on PA-03-127 can be found at www.grants.nih.gov/grants/guide/index.html.

DEADLINES: Usual NIH deadlines

NCRR High-End Instrumentation Program

The National Center for Research Resources (NCRR) is reissuing the High-End Instrumentation (HEI) Program to support research instrumentation for up to \$2 million in direct costs for a single major item of equipment. Instruments in this category include, but are not limited to, structural and functional imaging systems, macromolecular NMR spectrometers, high-resolution mass spectrometers, electron microscopes, and supercomputers. Applications for synchrotron equipment, with the exception of detectors, will not be accepted.

The application should show a need for the instrumentation by projects supported by multiple NIH research grants and demonstrate that these projects will require at least 75 percent of the total usage of the instrument. Users can be individual researchers, or a group of investigators within the same department or from several departments at the applicant institution. NIH extramural awardees from other institutions may also be included.

Only one major item of equipment can be requested per application. Although the focus of the HEI Program is on a new generation of instruments that cost over \$1 million, the floor for the program has been set at \$750,000. Applications for routine instruments such as mid-field NMR spectrometers, multiphoton microscopes, and other applications for requests totaling over \$750,000 which are the result of an overestimation of price and/or an excessive number of accessories, will be returned as not being responsive.

Announcement RFA-RR-03-009 is available at www.grants.nih.gov/grants/guide/index.html.

DEADLINES: Letters of Intent—Aug. 15; Applications—Sep. 19

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.

- Periodontal Diseases: Microbial and Host Genomics/Proteomics (RFA-DE-04-001)
- Environmental Justice: Partnerships for Communication (RFA-ES-03-007)
- Research on Adherence to Interventions for Mental Disorders (PA-03-111)
- Mental Health Dissertation Research Grants to Increase Diversity in the Mental Health Research Arena (PAR-03-110)
- Biospecimen Resources for Aging Research (NOT-AG-03-002)
- Training and Career Development in Biopsychosocial Rheumatic, Musculoskeletal, and Skin Diseases Research (RFA-AR-03-010)
- AHRQ Grant Program for Large Conference Support (PA-03-117)
- Quality of Life Outcomes in Neurological Disorders (NOT-NS-03-015)
- Small Research Grants for Primary Care Practice-Based Research Networks (RFA-HS-03-006)

- Central Processing of Taste Information (PA-03-115)

- Global Health Research Initiative Program for New Foreign Investigators (PAR-03-118)

- Notice of Availability of Administrative Supplements for Disseminating Evidence-Based Intervention Research Products (NOT-CA-03-031)

- Innovations in Biomedical Computational Science and Technology SBIR/STTR Initiative (PAR-03-119)

- Fetal Basis of Adult Disease: Role of the Environment (PAR-03-121)

- Neurobiology of Complex Regional Pain Syndrome/Reflex Sympathetic Dystrophy (PAS-03-120)

- Frailty in Old Age: Pathophysiology and Interventions (PAS-03-122)

- Behavioral Therapies Development Program, NIDA, NIAAA (PA-03-126)

- Genetics, Behavior, and Aging (PAS-03-128)

- Research on Research Integrity (RFA-NS-04-001)

- Building the Evidence to Promote Bioterrorism and Other Public Health Emergency Preparedness in Health Care Systems (PAR-03-130)

Energy Foundation: Climate Program

The Energy Foundation, a partnership of major foundations interested in sustainable energy, has announced a new funding area focused on state and regional climate policy initiatives. The Climate Program replaces the U.S. Clean Energy Program, which is being phased out.

The new program's mission is to develop and promote U.S. state and regional policies to reduce global warming pollution, in order to build models for and momentum toward federal climate policy. The program is based on evidence that states are taking the lead in defining U.S. climate policies.

The policy and education efforts supported by this program are expressly focused on mitigating climate change. Potential areas of work include state and

regional carbon cap-and-trade programs; state and regional greenhouse gas plans and targets; GHG reporting and reduction initiatives; and financial mechanisms such as incentives or carbon taxes.

See the foundation's website for complete program information and application procedures: www.ef.org/resources.cfm#352.

DEADLINE: Open

AWWA Research Foundation

The American Water Works Association Research Foundation is requesting proposals for the following new projects.

Efficient and Customer-Responsive Organization: Asset Management Planning and Reporting Options for Water Utilities; Strategic Planning and Organizational Development for Water Utilities; Succession Planning for a Vital Workforce in the Information Age; Water Utility Collaboration with the Health Community to Enhance Communications on Drinking Water Issues.

Environmental Leadership: Advancement of Early Warning System Technologies; Decision Support Systems for Sustainable Water Supply Planning; Stakeholder Perceptions of Utility Role in Environmental Leadership; The Value of Water in a Changing Economy.

High-Quality Water: Application of Hazard Analysis and Critical Control Points for Distribution System Protection; Critical Assessment of On-Line Monitoring; Characterization of Particles in Filter Effluents; Innovative Treatment Alternatives to Minimize Residuals Containing Nitrate, Perchlorate, and Arsenic; Development of Improved Methods to Detect Human Caliciviruses in Water; Integrating UV Disinfection into Existing Water Treatment Plants; Methods for Real-Time Measurement of THMs and HAAs in Distribution Systems; Microbial Responses to Disinfectant Changes in the Distribution System; Occurrence of Manganese in Drinking Water and Benefits of Enhanced Manganese Control; Optimization of MF/UF Membrane Treatment for Direct and Clarified Water Filtration;

Predictive Models for Water Quality in Distribution Systems; Qualitative Procedures for Identifying Particulate Matter in Distribution Waters and at the Customer's Tap; Risk-Based Prioritization of Disinfection By-products; Watershed Sources and Long-Term Variability of BDOM and NOM as Precursors.

Infrastructure Reliability: Criteria for Valve Location and System Reliability to Optimize Continuity of Water Supply; Customer Acceptance of Infrastructure Reliability; Workshop on Non-Interruptive Condition Assessment Inspection Devices for Water Transmission Mains; Non-Disruptive Tools for Remaking Connections after Pipe Rehabilitation.

Approximately \$12 million is available to fund these projects. Website: www.awwarf.org.

DEADLINE: Jul. 15

NSF: Evaluative Research and Research on Learning and Education

The National Science Foundation's Evaluative Research and Capacity Building (EREC) Program seeks proposals that offer unique approaches to evaluation practice in the generation of knowledge for the science, technology, engineering, and mathematics (STEM) education community and for broad policymaking within the research and education enterprise.

Successful proposals may focus on evaluations of multiple education programs or projects with similar objectives, may bundle several programs or projects together to examine major STEM education themes, may focus on various facets or common elements among programs or projects, or may focus on the development of capacity within the education evaluation field.

The Research on Learning and Education (ROLE) program's focus on research complements the EREC focus on evaluation. ROLE seeks to capitalize on important developments across a wide range of fields related to human learning and to STEM education. It supports research across a continuum that includes (1) the

biological basis of human learning; (2) behavioral, cognitive, affective, and social aspects of human learning; (3) STEM learning in formal and informal educational settings; and (4) changing educational systems to improve STEM learning. The ROLE program aims to advance knowledge within and across these multidisciplinary areas. It encourages projects that reconcile and integrate basic research and educational practice, and that generate hypotheses from one disciplinary area that can be tested and refined in another.

Estimated number of awards is 5-10 for EREC and 10-20 for ROLE for each of its two annual competitions. See program announcement NSF 03-542 at www.nsf.gov for more information.

DEADLINES: EREC—May 15; ROLE—Jun. 1, Dec. 10

Other NSF Programs

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

- Approaches to Combat Terrorism (NSF 03-569)
- Science of Learning Centers (NSF 03-573)

AT&T Industrial Ecology Faculty Fellowships

The AT&T Industrial Ecology Faculty Fellowship Program is intended to stimulate interdisciplinary research and curriculum development involving social issues, engineering, the sciences, economics, management, business, law, and public policy issues. Up to six new awards of \$25,000 will be made in 2003. Applications are being solicited electronically.

The objectives of the program are (1) to produce university faculty and students who can contribute to solving global and regional environmental problems and help shape environmentally and economically efficient strategies that have a firm scientific and engineering basis, and (2) to advance the theoretical basis for

the field of industrial ecology and its application in service sectors, industrial activity, and regulatory arenas.

Among the activities that might be considered by faculty who wish to submit proposals are:

- Developing models and systems for understanding and quantifying the impacts of services and service infrastructures, such as the Internet, on the environment;

- Understanding how, and developing ways by which, information can be substituted for other inputs into the economy;

- Designing and piloting of innovative and interdisciplinary courses and curricula that raise the awareness of engineers and scientists about environmental problems and the contribution which informed technology can make to their solutions;

- Supporting activities, such as modeling, which bring scientific and engineering realities to the regulatory table; and

- Developing guidelines and practical economic and environmental tools for rational decision making.

The AT&T Foundation will consider proposals from individual faculty or teams of faculty. Interdisciplinary proposals are especially encouraged.

For more information, visit www.att.com/foundation.

DEADLINE: Aug. 22

Challenge America: Access to the Arts

The National Endowment for the Arts seeks to broaden efforts to provide the American people with opportunities to experience the excellence and diversity of the arts. Challenge America grants are for projects that do one or more of the following:

- Provide opportunities for people to experience and participate in a wide range of art forms and activities.

- Enable arts organizations and artists to expand and diversify their audiences.

- Emphasize the potential of the arts to help strengthen communities.

The NEA is particularly interested in projects that extend the arts to underserved populations—those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability.

There are two types of Challenge America Grants. **Standard Review Grants** support projects that make the arts more widely available in communities. Projects may include:

- Exhibitions, performances, distribution of artistic work, and other activities (such as touring within a state or region) that provide opportunities for public participation in the arts.

- Outreach projects that involve diverse communities or that reach new audiences.

- Innovative uses of technology to enhance public access to the arts.

- Educational activities in the arts for adults or intergenerational groups.

Fast-Track Review Grants are available only for the following types of projects that highlight the potential of the arts to address key community concerns:

- Activities that address civic design issues.

- Activities in which the arts serve as a focal point for cultural tourism or the development of cultural districts.

- The development of community cultural plans.

More information is available at www.nea.gov/guide/GAP04/challenge.html.

DEADLINES: Standard Review Grants—Aug. 18; Fast-Track Review Grants—Jun. 2

GRANT DEADLINES

July and August 2003

Information on many of these programs is available on the IRIS and Community of Science databases at www.siu.edu/orda. The ORDA website has links to funding agency websites and general government information sites, as well as NIH and NSF updates.

Note: Proposals with signatures should be submitted to ORDA at least two working days before they must be mailed to the agency.

July 2003

Federal

Agriculture

Jul 29 Rural Business-Cooperative Service: University Value-Added Research

Jul 30 NRI Integrated Program (final applications; optional letters of intent due Jun 30)

Jul 31 Distance Learning and Telemedicine Grants

Commerce

Jul 11 NOAA: Atmospheric Composition and Climate; Climate Change Data and Detection; Climate Variability and Predictability; Climate Variability and Health; Environment, Science and Development; Human Dimensions of Global Change Research; Regional Integrated Sciences and Assessments; GEWEX Americas Prediction Project; Global Carbon Cycle; PACS-GAPP North America Warm Season Precipitation

Jul 15 NOAA: Atmospheric and Oceanic Sciences Visiting Scientist Program

Corporation for National and Community Service

Jul 15 AmeriCorps-National Civilian Community Corps

Defense

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

Jul 23 Tuberos Sclerosis Complex Research Program: Idea Development Awards (letters of intent; final applications due Aug 20)

Education

Jul 7 Teaching American History Grants

Jul 10 Office of Innovation and Improvement: Professional Development for Arts Educators (notice of intent due by Jun 16)

Energy

Jul 31 Oak Ridge Associated Universities: Undergraduate and Graduate Student Opportunities—Dept. of Commerce Internship for Postsecondary Students

Jul 31 FermiLab: Peoples Fellowship

Environmental Protection Agency

Jul 24 Epidemiologic Research on Health Effects of Long-Term Exposure to Ambient Particulate Matter and Other Air Pollutants

Jul 31 Microbial Risk in Drinking Water

Health and Human Services

Jul 9 NIMH: Mechanism for Time-Sensitive Research Opportunities

Jul 15 NIH: Innovative Grants on Immune Tolerance

Jul 15 NIA: Pilot Research Grants

Jul 15 ACYF: Mentoring Children of Prisoners—Grants

(HHS cont.)

Jul 16 NIH: Mind-Body Interactions and Health—Exploratory/Developmental Research Program and Infrastructure

Jul 17 NCI: Molecular Targets for Nutrients in Prostate Cancer Prevention

Jul 21 NCI: Cancer Research Small Grants; Innovative Technologies for the Molecular Analysis of Cancer; Applications of Innovative Technologies for the Molecular Analysis of Cancer—Phased Innovation Awards; Development of Novel Technologies for In Vivo Imaging

Jul 23 NICHD: Research into Mechanisms of Fetal Growth Restriction

Jul 24 AHRQ: Small Research Grants

Jul 27 Women's Reproductive Health—Research Career Development Centers

NASA

Jul 11 Office of Space Science: Astrophysics Data Analysis; Long-Term Space Astrophysics

Jul 15 Fundamental Space Biology: Ground-Based Research—Biomedical Research

Jul 16 Office of Space Science: Astrophysics Theory

Jul 18 Sample Return Laboratory Instrument and Data Analysis

Jul 25 Sun-Earth Connection: Geospace Sciences

Jul 30 Materials Science

Jul 31 Cellular and Macromolecular Biotechnology

National Endowment for the Humanities

Jul 1 Preservation Education and Training; Research and Development Projects for Preservation Education and Training; Grants to Preserve and Create Access to Humanities Colleges; Reference Materials Grants

Jul 15 Preserving and Creating Access to Humanities Collections

National Science Foundation

Jul 1 BIO: Living Stock Collections

Jul 1 SBE: Physical Anthropology

Jul 3 Chemistry Research Instrumentation and Facilities: Departmental Multi-User Instrumentation

Jul 7 ENG: Grants for the Department-Level Reform of Undergraduate Education

Jul 10 BIO: Biodiversity Surveys and Inventories; Ecology; Ecosystems Studies; Long-Term Research in Environmental Biology; Behavioral Neuroscience; Computational Neuroscience; Developmental Neuroscience; Neuroendocrinology; Neuronal and Glial Mechanisms; Animal Behavior; Ecological and Evolutionary Physiology; Integrative Animal Biology; Integrative Plant Biology; Plant and Microbial Developmental Mechanisms; Metabolic Biochemistry; Molecular Biochemistry; Molecular Biophysics; Cellular Organization and Regulation; Signal Transduction and Cellular Regulation; Biochemistry of Gene Expression; Microbial Genetics

Jul 14 BIO: Biological Databases and Informatics

Jul 15 GEO: Geology and Paleontology Program; Instrumentation and Facilities

Jul 15 SBE: Linguistics; Perception, Action, and Cognition; Social Psychology

Jul 15 SBE: Doctoral Dissertation Research Improvement Awards in Cognitive Neuroscience, Linguistics, and Perception, Action, and Cognition; Individual Investigator Research Awards and Workshops in Cognitive Neuroscience

Jul 15 SBE: Developmental Learning Sciences: Multidisciplinary Program of Children's Research—Individual Investigator Research Projects; Workshops and Small Conferences

(NSF cont.)

- Jul 15 SBE: Human and Social Dynamics: Special Competition for FY2003—Decision Making Under Uncertainty—Centers, Development Program
- Jul 16 GEO: Earthscope—Science, Education and Related Activities
- Jul 17 MPS: Basic Research in Math and Physical Sciences with the Potential to Contribute to National Security
- Jul 18 BIO: Biological Research Collections
- Jul 18 MPS: Cooperative Activities in Materials Research Between NSF and the European Commission
- Jul 22 BIO: Faculty Early Career Development
- Jul 23 BIO: Microbial Observatories and Microbial Interaction
- Jul 23 EHR: Faculty Early Career Development
- Jul 24 GEO, MPS, SBE: Faculty Early Career Development
- Jul 28 MPS: Vertical Integration of Research and Education in the Mathematical Sciences

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

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

American Diabetes Association

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

American Fibromyalgia Syndrome Association

- Jul 29 Research Grants

American Health Assistance Foundation

- Jul 16 Macular Degeneration Research Grants

American Heart Association

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

American Institute for Cancer Research

- Jul 1 Investigator-Initiated Research Grants; Matching Grants; Postdoctoral Awards

American Statistical Association

- Jul 1 ASA/USDA/NASS Fellowship Research Program

American Water Works Association Research Foundation

- Jul 15 Research Grants

Amyotrophic Lateral Sclerosis Association

- Jul 1 Postdoctoral Fellowships

Armstrong Foundation

- Jul 15 Awards for Issues of Cancer Survivorship; Awards for the Study of Testicular Cancer

Bader Foundation

- Jul 2 Alzheimer's Disease and Dementia

Bradley Foundation (Citizenship)

- Jul 1 Grants

- Center on Budget and Policy Priorities** (Education, Law, Social Sciences, Economics, Political Science, Government, Public and Civic Affairs, Public Policy)
- Jul 15 Internships

Crohn's and Colitis Foundation of America

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

Damon Runyon Cancer Research Foundation

- Jul 1 Scholar Award

German Academic Exchange Service

- Jul 15 Guest Lectureships

Grant Foundation

- Jul 1 Grant Scholars

International Union Against Cancer

- Jul 1 Yamagiwa-Yoshida International Cancer Studies

Japan Foundation

- Jul 1 Education; Grassroots Exchange; Intellectual Exchange

Johnson (Robert Wood) Foundation

- Jul 15 Local Initiative Funding Partners

Korea Foundation

- Jul 31 Fellowships for Field Research and Korean Language Training

Matsumae International Foundation

- Jul 31 Fellowships for Residencies in Japan

Medtronic Foundation

- Jul 15 Science and Technology Are Rewarding (STAR) Grants

Melanoma Research Foundation

- Jul 1 Research Grant

National Academy of Social Insurance

- Jul 1 Heinz Dissertation Award Competition

National Alliance for Research on Schizophrenia and Depression

- Jul 25 Young Investigator Award

Pfeiffer Foundation

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

Rhodes University

- Jul 31 le May Fellowship

Rolex

Jul 31 Awards for Enterprise

Shriver Center/Floating Hospital Alliance

Jul 15 Postgraduate Fellowship in Maternal and Child Health

Smith Richardson Foundation

(International Security and Foreign Policy)

Jul 3 Junior Faculty Research Grant

Smithsonian Institution

Jul 1 Internships: Architectural History and Historic Preservation; Archives

Jul 11 Internship: National Museum of the American Indian

Jul 15 Internships: Sackler Gallery; Freer Gallery of Art; National Museum of American History; Education and Museum Studies

United States-Japan Foundation

(Communication and Public Opinion, Precollege Education, and Public Policy)

Jul 15 Grants

University Corporation for Atmospheric Research

Jul 15 Climate Change Research Initiative

University of Illinois at Urbana-Champaign

Jul 14 Supercomputer Time

Upjohn Institute for Employment Research

Jul 7 Dissertation Award

Wildlife Conservation Society

Jul 1 Research Fellowship

Wiley Foundation

Jul 31 Prize in Biomedical Sciences

August 2003**Federal****Agriculture**

Aug 15 U.S.-Israel Binational Agricultural Research and Development: Research Grants

Defense

Aug 20 Tuberos Sclerosis Complex Research Program: Idea Development Awards (applications; letters of intent due Jul 23)

Education

Aug 8 Teacher Quality Enhancement Programs

Energy

Aug 1 Science Undergraduate Laboratory Internships

Health and Human Services

Aug 3 Maternal and Child Health Research

Aug 3 NIDCR: Small Grants

Aug 5 NLM: Individual Biomedical Informatics Fellowships; Integrated Advanced Information Management Systems; Senior Individual Biomedical Informatics Fellowships

Aug 5 NRSA Dual-Degree Predoctoral Fellowships for Training Clinics; Individual Predoctoral Fellowships for M.D./Ph.D.; Individual Postdoctoral Fellowships; Senior Fellowships

Aug 5 NCCAM: Predoctoral Research Training in Complementary and Alternative Medicine

Aug 9 NIMH: Mechanism for Time-Sensitive Research Opportunities

Aug 15 NCCAM: Secondary Analysis of Data on CAM Use in Minority Populations

Aug 18 Nanoscience and Nanotechnology in Biology and Medicine

Aug 19 NHGRI: Tropical Disease Research Units

(HHS cont.)

Aug 20 NCI: Small Grants for Behavioral Research on Cancer Patients

Aug 20 NIDCD: Small Grants

Aug 22 NIMH: Dissertation Research Grants to Increase Diversity in Mental Health Research

Library of Congress

Aug 15 Kluge Center Fellowships

NASA

Aug 8 Planetary Protection Research; Astrobiology: Exobiology and Evolutionary Biology; Planetary Instrument Definition and Development Program

Aug 15 Mars Data Analysis Program

National Endowment for the Arts

Aug 18 Creativity, Heritage and Preservation, Services to Arts Organizations and Artists; Challenge America: Access to the Arts

National Science Foundation

Aug 1 MPS: Materials Research Science and Engineering Centers

Aug 1 SBE: Cultural Anthropology Doctoral Dissertation Research Improvement Awards; Ethnographic Research Training Grants for Cultural Anthropology; Cultural Anthropology (Senior Research); Scholars Awards (Methodological Training for Cultural Anthropology)

Aug 1 SBE: Science and Technology Studies Program—Conferences and Workshops; Doctoral Dissertation Research Improvement Awards; Grants for Collaborative Research; Postdoctoral Fellowships; Professional Development Fellowships; STS Scholars Awards

(NSF cont. on p. 8)

(NSF cont.)

- Aug 1 SBE: Societal Dimensions of Engineering Science and Technology—Doctoral Dissertation Research Improvement Awards; Postdoctoral and Professional Development Fellowships; SDEST Scholars Awards; Small Grants for Training and Research; Standard Grants
- Aug 15 EHR: Informal Science Education Program
- Aug 15 GEO: Climate Variability and Predictability; Ocean Sciences
- Aug 15 MPS: Partnerships for Research and Education in Materials
- Aug 15 SBE: Geography and Regional Science; Decision, Risk and Management Science—Joint NSF/Private Sector Research Opportunities; Sociology; Doctoral Dissertation Research Improvement Awards—Economics, Law and Social Science, Methodology, Measurement, and Statistics
- Aug 19 MPS: Focused Research Groups in the Mathematical Sciences
- Aug 25 BIO: Instrument Development for Biological Research
- Aug 26 EHR: Instructional Materials Development

Other**American Cancer Society**

Aug 4 Research Grants

American Foundation for Suicide Prevention

Aug 15 Pilot Grants

American Hearing Research Foundation

Aug 15 Research Grants

American Honda Foundation
(Youth and Scientific Education)

Aug 1 Grants

Asian Cultural Council

Aug 1 Grants

Center for Strategic and Budgetary Assessments

Aug 1 Internships

Centrum

Aug 1 Creative Residency

CFIDS Association of America

(Chronic Fatigue and Immune Dysfunction Syndrome)

Aug 1 Research Grants

Council for International Exchange of Scholars

Aug 1 Fulbright Scholar Program

Damon Runyon Cancer Research Foundation

Aug 15 Fellowships

Eppley Foundation for Research

Aug 1 Advanced Scientific Research

European Molecular Biology Organization

Aug 15 Long-Term Fellowships

Invitrogen Corp.

Aug 5 Research Tools Development

Japan-United States Friendship Commission

Aug 1 Grants

Joyce Foundation

(Education, Employment, Environment, Gun Violence, Money and Politics)

Aug 14 Grants

Juvenile Diabetes Research Foundation International

Aug 15 Career Development Awards; Innovative Grants; Early Career Patient-Oriented Diabetes Research Award; Postdoctoral Fellowships; Regular Research Grants

Kennedy Library

Aug 15 Schlesinger Research Fellowships

Leukemia and Lymphoma Society

Aug 1 Short-Term Scientific Exchange Award

MacArthur Foundation

Aug 15 Conservation and Sustainable Development

National Endowment for Financial Education

Aug 5 Innovative Thinking: Unsolicited Grants

National Geographic Society

Aug 4 Venture Grants

National Multiple Sclerosis Society

Aug 1 Research Grants

National Research Council

Aug 1 Research Associateships

Aug 25 COBASE Project Development and Initiation Grants

NATO

Aug 1 Physical and Engineering Science and Technology: Advanced Research Workshops, Advanced Study Institutes, Collaborative Linkage Grants, and Expert Visits

Open Society Institute

Aug 1 International Policy Fellowships

Retirement Research Foundation

Aug 1 General Program Grants

Smithsonian Institution

Aug 15 Tropical Research Institute: Short-Term Fellowships

Aug 29 Tropical Research Institute: CTFS Research Grants

University of Illinois at Urbana-Champaign

Aug 1 Supercomputer Time

University of Wisconsin-Madison

Aug 1 Synchrotron Radiation Center

World Health Organization

Aug 1 Tropical Medicine: Research Grants for Genomes to Drugs and Diagnostics

Yaddo

Aug 1 Arts Residencies

AWARDS PROCESSED

Externally funded grants and contracts processed during May 2003

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*The Pachacamac Project: Social Foundation and Natural Context	I. Shimada	Anthropology	Heinz Family Foundation	\$7,990
*Challenge Cost Share for Investigations at the Millstone Bluff Site	B. Butler	Archaeological Investigations	USDA/USFS/Shawnee National Forest	\$10,000
Nanoscale Electron Transfers: An Electrochemical Perspective	S. Chen	Chemistry	NSF/CAREER Grant	\$210,000
Characterization of Superparamagnetic Iron-Oxo Nanoparticles by X-ray Absorption Spectroscopy	B. Dave	Chemistry	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$41,500
Professional Development Award	R. Frank	Civil Engineering	Illinois Professional Land Surveyors Association	\$2,500
Special Wildlife Studies - Federal	A. Woolf	Cooperative Wildlife	USDI/USFWS	\$13,896
*Evaluation of the Jackson County School-Based Probation Program	M. Henderson J. McDermott	Crime Study Center Crime Study Center	ICJIA	\$72,000
*Investigation of Interaction of Ambient Plasma with Stool Surface Using EXAFS	S. Dhali	Electrical and Computer Engineering	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$13,500
*Genetic Stock Structure of Blacktip Shark	E. Heist	Fisheries Center	Mote Marine Laboratory	\$20,654
How Sweet It Is: Developing Maple Syrup as a Sustainable Agricultural Commodity for Illinois Farms	J. Zaczek A. Carver J. Preece K. Williard J. Mangun	Forestry Forestry Plant, Soil, & General Ag Forestry Forestry	IDA	\$46,538
*Mapping the Plio-Pleistocene Deposits of the White/Inyo Mountains Range Front, Inyo and Mono Counties, California	N. Pinter Q. Vandal	Geology Geology	USDI/USGS	\$10,500
*In Situ Characterization of Passive Layers on Amorphous Alloys by X-ray Absorption Spectroscopy	S. Lalvani	Mechanical Engineering	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$41,500

Title	Investigator(s)	Department(s)	Agency	Award
Characterization of Advanced Ceramics Composites by Synchrotron Radiation	D. Wittmer	Mechanical Engineering	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$41,374
*Efficacy and Safety of Drotrecogin Alfa in Adult Patients with Early Stage Severe Sepsis	E. Elamin	Medicine	Eli Lilly	\$46,925
*Insulin Glargine Injection versus Pioglitazone as Add-On Therapy in Patients Failing Monotherapy with Sulfonylurea or Metformin	R. Khardori	Medicine	Aventis Environmental Science	\$27,975
*Study to Assess Symptom Burden in Subjects with Nonmyeloid Malignancies Receiving Chemotherapy and Aranesp	P. Shah	Medicine	AMGEN	\$35,000
*Efficacy and Safety of Quetiapine Fumarate (SEROQUEL) and Placebo in Treatment of Agitation with Dementia	D. McManus	Neurology	AstraZeneca	\$203,500
Long-Term Recording from Cultured Brain Slices: A New Model to Study Delayed Physiological Changes After Ischemia	A. Arai	Pharmacology	American Heart Association/Midwest Affiliate	\$82,352
Colossal Magneto-Resistive (CMR) and Magnetic Materials Study Using Synchrotron Radiation	N. Ali	Physics	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$23,500
Cadmium Localization and Ligand Coordination in Metal Hyperaccumulating Plant <i>Thlaspi caerulescens</i>	S. Ebbs	Plant Biology	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$35,930
*Pollination and Reproductive Ecology of <i>Abronia ammophila</i> , a Rare Plant Endemic to Yellowstone National Park	S. Sipes	Plant Biology	Yellowstone Park Foundation	\$27,531
RIU: Post-Fire Carbon Balance in the Peatland Region of Boreal Western Canada	D. Vitt	Plant Biology	Villanova University (NSF)	\$3,750
*Managing Frog Eye Leaf Spot and Charcoal Rot in the North Central Region	J. Bond M. Schmidt	Plant, Soil, & General Ag Plant, Soil, & General Ag	North Central Soybean Research Program	\$146,557
Turfgrass Investigations	K. Diesburg	Plant, Soil, & General Ag	SePRO Corporation	\$1,000
Turfgrass Investigations	K. Diesburg	Plant, Soil, & General Ag	National Turfgrass Federation	\$12,300

Title	Investigator(s)	Department(s)	Agency	Award
*New Technologies for the Control of SDS	D. Lightfoot	Plant, Soil, & General Ag	North Central Soybean Research Program	\$95,000
North Central SDS Variety Testing Program	M. Schmidt	Plant, Soil, & General Ag	North Central Soybean Research Program	\$140,477
*Travel Award for Biological Mobilization of Plant-Available Phosphorus in Replaced Mining Overburden	E. Varsa B. Klubek S. Chong	Plant, Soil, & General Ag Plant, Soil, & General Ag Plant, Soil, & General Ag	North Atlantic Treaty Organization	\$2,190
Consortium for Advanced Radiation Sources - Administration	P. Rice	Research Development and Administration	University of Chicago/ CARS/APS (NU/IBHE/HECA)	\$7,668
*Thrombosis Prevention Efficacy and Safety Trial (TEMPEST)	D. Allan	Surgery	Glaxo Wellcome	\$101,950
Peripheral and Central Mechanisms of Tinnitus Generation	C. Bauer	Surgery	USDHHS/NIH/NIDCD	\$207,400
*Phase I, Multicenter Study to Evaluate Safety, Pharmacokinetics, and Thrombolytic Activity of Altimeprase in Subjects with Chronic Peripheral Arterial Occlusion	L. Gruneiro	Surgery	Hyseq Pharmaceuticals	\$72,975
*Carotid Revascularization Endarterectomy vs. Stent Trial (CREST)	K. Hodgson	Surgery	University of Medicine and Dentistry, New Jersey Medical School	\$200,250
*Evaluation of Safety and Efficacy of Fino Thrombectomy Catheter in Deep Vein Thrombosis as Compared to Standard of Care for Patients Diagnosed with DVT	R. McLafferty	Surgery	Bacchus Vascular	\$10,000
Endogenous Modulation of Cochlear Injury	L. Rybak	Surgery	USDHHS/NIH/NIDCD	\$258,952
Threatened and Endangered Species Assistantship	B. Burr	Zoology	Max McGraw Wildlife Foundation	\$30,000
*Intensive Basin Survey Internship Program: Big Muddy River	B. Burr W. Muhlach	Zoology Zoology	IEPA	\$24,120
Training Awards				
Community Care Program	R. Elble	Alzheimer Disease Center	IDOA	\$17,000
Dragline Training	J. Mead	Coal Research Center	Orica USA	\$1,500
*Kinkaid-Reed's Creek Conservancy District Graduate Assistantship	A. Woolf	Cooperative Wildlife	Kinkaid-Reed's Creek Conservancy District	\$13,896

Title	Investigator(s)	Department(s)	Agency	Award
Residency Training in Family Medicine - Enhancing the Obstetrical Curriculum	J. Albers	Family and Community Medicine	USDHHS/BHP	\$90,618
Southern Illinois Regional Child Passenger Safety Resource Center	D. Ritzel	Health Ed and Recreation	IDOT (USDOT)	\$110,835
Student Internships for Rehabilitation Institute	J. Bordieri	Rehabilitation Institute	Center for Comprehensive Services	\$18,128
Rehabilitation Long-Term Training: Undergraduate Education in Rehabilitation Services	P. Davis	Rehabilitation Institute	USED	\$69,364
Behavioral Consultant Group	M. Dixon	Rehabilitation Institute	Center for Comprehensive Services	\$17,155
Other Awards				
Ready to Learn	C. Isberner	Broadcasting Service	Various Donors	\$5,200
WSIU-FM Community Service Grant	C. Isberner	Broadcasting Service	Corporation for Public Broadcasting	\$183,117
WSIU-TV and WUSI-TV Community Service Grant	C. Isberner	Broadcasting Service	Corporation for Public Broadcasting	\$727,429
*K-12 Grants	A. Shaw	Broadcasting Service	Corporation for Public Broadcasting	\$5,000
Illinois Wood Products	J. Phelps	Forestry	Illinois Wood Products Association	\$1,000
Motorcycle Rider Program Registration	D. Ritzel M. Ashner	Health Ed and Recreation Health Ed and Recreation	Various Donors	\$6,230
*MARC On-Line Learning Module	S. Logue	Library Affairs	Online Computer Library Center	\$35,000
Development of Updated Edition (2004-05) of <i>Code of Medical Ethics: Current Opinions with Annotation</i>	T. LeBlang	Medical Humanities	American Medical Association	\$23,990
Downstate Illinois Care Consortium	N. Khardori	Medicine	IDPH (USDHHS)	\$789,678
HIV Care Consortium - Insurance	N. Khardori	Medicine	IDPH	\$600,000
*Graduate Assistantship	M. Stockdale	Psychology	Program Evaluation for Education and Communities	\$14,016
EDC Non-DORS Client Services	D. Shelton	Rehabilitation Institute	Various Donors	\$1,420

Title	Investigator(s)	Department(s)	Agency	Award
Initial Evaluation/Assessment	D. Shelton J. Musgrave	Rehabilitation Institute Rehabilitation Institute	VA	\$75,000
Illinois Agriculture Mediation Program	M. Rudasill	School of Law	USDA/Farm Services Administration	\$37,100
*Legal Services for Older Persons	M. Rudasill	School of Law	Egyptian Area Agency on Aging (USDHHS)	\$53,363
Conflict Resolution in Schools	S. Schmitz	School of Law	Illinois Attorney General/Illinois Violence Prevention Authority	\$2,380
Core Analysis Grant Generated Income	C. Presley	Student Health Programs	Various Donors	\$19,632
Think First/Risky Business	J. Fisk	Surgery	IDOT	\$28,000
*Facility Improvement Grant	D. Gename	Touch of Nature	Jewish Federation of Metropolitan Chicago (IDCCA)	\$45,000
Illinois Skill Standards - FY2003	F. Reneau	Workforce Education	ICCB (ISBE)	\$32,020
Tech Prep Resource Center	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED)	\$5,000

*indicates new award

Awards Processed During May 2003 (69) \$5,357,870

Summary of Fiscal Year 2003 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2003 Awards as of May 2003		Fiscal Year 2002 Awards as of May 2002	
Research	(336)	\$28,053,162	(305)	\$23,372,052
Training	(82)	\$5,812,916	(82)	\$5,614,811
Other	(155)	\$20,418,862	(175)	\$24,011,517
Federal	(111)	\$17,582,166	(114)	\$17,809,010
State	(183)	\$23,159,606	(179)	\$21,897,350
Industry	(93)	\$2,683,240	(96)	\$2,166,548
Foundation	(33)	\$1,239,265	(27)	\$1,415,965
Other	(153)	\$9,620,663	(146)	\$9,709,507
TOTAL	(573)	\$54,284,940	(562)	\$52,998,380

ORDA DIRECTORY of ASSISTANCE

web site: www.siu.edu/orda

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

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

FUNDING OPPORTUNITIES, ORDA WEB SITE, RESEARCH MATTERS

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

OTHER ORDA PUBLICATIONS

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

PROPOSAL ASSISTANCE (PRE-AWARD)

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

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

GRANT MANAGEMENT ASSISTANCE (POST-AWARD)

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

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