



RESEARCH MATTERS

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

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Spending waaaaay too much time on grant paperwork? You're not alone....

—by Prudence M. Rice, ORDA Director

A recent article in *The Chronicle of Higher Education* (July 14, p. A23) reported findings of the “Faculty Burden Survey” that confirms what we all knew anyway: researchers have to spend too much time on grants-related paperwork. The survey was undertaken by the Federal Demonstration Partnership (FDP), a coalition of federal officials and universities working together to try to streamline research procedures. Among the findings of this study of 6,083 university researchers from a wide range of academic fields:

- They spend 42% of their grant-funded “research time” on administrative tasks: 22% on pre-grant and 20% on post-grant.
- The “most onerous” tasks, according to the respondents, were preparing grant progress reports, hiring grants personnel, and managing budgets.
- University administrations provided the most support in the area of financial management, and the least in areas like monitoring conflicts of interest and patent applications.
- Nearly two-thirds of respondents said that additional academic support would save them at least three hours a week, and 11% estimated that they could have saved nine hours a week.
- More than 75% of respondents indicated that they could spend more time on research if allowed to hire administrative help, but federal grant limits prevent it.

The FDP sponsors of the study hope that these findings can be used to break the pattern of federal “regulatory burden creep” that has been increasing for the last 15 years or so. But don’t hold your breath. These burdens don’t fall solely on researchers; they also fall on administrative (e.g., ORDA), accounting, and other university offices handling research policies and grants, and include, for example, all the new policy and reporting requirements dealing with human subjects research, privacy, misconduct in all its forms, select agents, and on and on and on.

What can be done? One solution proposed at the federal level is to put a flexible cap on “administrative” costs charged to the grant (the “A” in “Facilities and Administrative,” or indirect, costs). This would allow individual researchers (or centers, or departments) to hire administrative assistants to help with grant-related matters.

Here at SIUC, for the last several years ORDA and the former “Research & Projects Fiscal Management” office—now called Grant & Contract Accounting—have worked collaboratively to streamline some internal processes, such as getting signatures on the proposal/award checklist. A major step toward easing paperwork burdens would be to implement electronic grants management software, which would (in theory at least) particularly help researchers understand their financial accounting. These software solutions are extremely expensive and time-consuming to implement, but they are clearly the way of the future and I have been pushing for two years for us to acquire such a system. Stay tuned.

Interested in ORDA’s New Faculty Orientation, Faculty Seed Grants, or the REACH Program? See page 2.

OF SPECIAL NOTE

ORDA New Faculty Orientation Scheduled

Three (identical) sessions of ORDA's annual New Faculty Orientation will be offered for faculty members wanting to learn about the grants process at SIUC, the services offered by this office, and the Faculty Seed Grant program (see below).

The first session will be held on **Thursday, August 17**, from 1:30 to 3:00. The second session will be held on **Tuesday, September 5**, from 9:00 to 10:30. The final session will be held on **Wednesday, September 6**, from 1:30 to 3:00.

All sessions will be held in Woody Hall C-227. To reserve a seat (sessions fill up fast), call ORDA at 453-4540.

Faculty Seed Grant Deadline and Workshops Set

The FY07 deadline for proposals to the Faculty Seed Grant program is **Monday, November 13**. Revised FY07 application packets will be posted online shortly; see www.siu.edu/orda/internal/seed_grants.html for applications and information.

The seed grant program is primarily for new faculty establishing their research or creative projects, for established faculty making a significant change of direction in their research, and for faculty with rejected external proposals who wish to strengthen their pilot data.

The emphasis of the program is to increase external funding for research and creative activities at SIUC. It is a requirement of the program that a proposal related to the research be submitted to an external agency within 18 months of the start date of the seed grant.

A **workshop about preparing applications for the seed grant program** will be offered on **Wednesday, September 13**, from 3:00 to 4:30, and again on **Tuesday, September 19**, from 3:30 to 5:00. To reserve a seat at one of these sessions, call ORDA at 453-4540.

REACH Workshop, Deadlines Set

REACH, the undergraduate research program at SIUC, will host a workshop on **Preparing a Successful REACH Award Application**, to be held **Thursday, October 12**, from 2:00 to 3:30 p.m. in Woody C-227. This session for undergraduates will discuss the process of preparing successful proposals and related materials to apply for REACH Awards (Undergraduate Research/Creative Activity Awards). These competitive awards, which include small grants of up to \$1,500 plus a 10-hour undergraduate assistantship, fund student research, scholarly, and creative-arts projects done under the guidance of a faculty mentor.

We recommend that interested undergraduates reserve a seat at the workshop by contacting REACH Director Jo Nast at jonast@siu.edu or 453-4538.

REACH Deadlines for 2007:

- Applications for REACH Awards are due to ORDA on **January 26**.
- Letters of intent to participate in the Undergraduate Research Forum are due on **February 2**, with abstracts due on **February 16**.
- The forum itself will be held on **March 26** in the Student Center Ballrooms.

Academic departments recently were mailed copies of a revised brochure on undergraduate research opportunities. Also encourage your students to explore the REACH web site at www.siu.edu/~reach.

NEH Summer Stipends Reminder

Faculty intending to apply to the National Endowment for the Humanities' 2007 Summer Stipend Program must submit a letter of intent to ORDA no later than **Friday, September 1**. The letter of intent should include the title and an abstract of the proposed research project so that appropriate internal reviewers can be lined up.

Final proposals are due to ORDA on **Friday, September 15**. Final proposals

must follow the NEH format. For details about the format and required contents of each section of the application, please see the NEH guidelines at www.neh.gov/grants/guidelines/stipends.html. Internal reviewers will select from among the final proposals.

The agency deadline is October 2. If you have questions, contact Jo Nast at 453-4538 or jonast@siu.edu.

North American Power Symposium To Be Held at SIUC

The North American Power Symposium is a forum for students, faculty, and engineers for presenting ideas and innovative developments in the area of electric power. The symposium activities will include sessions devoted to papers from all areas of electric power engineering, as well as special sessions of invited papers.

The symposium will take place in the Student Center on September 17-19. Before August 15, the registration fee is \$125 for professionals and \$25 for students. After August 15, the fee goes up to \$175 for professionals and \$35 for students. The registration deadline is September 11.

For more information or to register, contact the Division of Continuing Education (536-7751 or www.dce.siu.edu).

Bookmark ORDA's Web Site and the Sponsored Project Guide

Faculty are urged to get acquainted with ORDA's web site in general (www.siu.edu/orda) and the online Sponsored Project Guide in particular (www.siu.edu/orda/guide).

You will find much helpful information on ORDA's site about external funding sources, internal funding programs, proposal preparation, grant management, human subjects requirements and other research compliances, technology transfer, and more. There are direct links from the top of every page to Community of Science (a funding opportunities database that cov-

ers all disciplines), to the online version of Research Matters, to the Sponsored Project Guide, to an ORDA staff directory, and to a site index.

Our home page lists upcoming events and internal deadlines (such as the Faculty Seed Grants deadline).

Those writing or administering grants can garner a lot of advice from the Sponsored Project Guide. Need to know how to put together a proposal budget? How to hire a student worker on a grant? How to buy research supplies? What the University's indirect costs policy is? The Sponsored Project Guide has you covered. If you have trouble finding what you need to know, check the comprehensive index to the guide. If you still have trouble, contact Marilyn Davis at mdavis@siu.edu or 453-4535.

RESEARCH DIGEST

House Panel Recommends That NSF Implement Innovation Research Prizes

—*excerpted from Science, June 23, 2006*

Representative Frank Wolf (R-VA) does not think NSF's bread-and-butter research grants are sufficient to attack some of the knottiest problems facing society—in particular, finding energy sources that don't contribute to global warming. So he has proposed that NSF launch a series of very large prizes to stimulate innovative research. And, as chair of the House spending panel that oversees NSF, he carries a powerful whip.

His panel, in a report accompanying its endorsement of President Bush's request to boost NSF's 2007 budget by 7.9%, told the foundation to use some of its \$6.02 billion "for innovation-inducement prizes ... of an appropriate scale." Wolf also gave NSF the green light to find potential backers for the prizes among high-tech companies and private foundations that share his concern about the health of the U.S. research enterprise. Last year, Wolf told NSF to consult with the National Academies on how to

create a prize program, and its report is due in September.

Tagging System Could Help Computers Compare Research Results

—*excerpted from The Chronicle of Higher Education, June 23, 2006*

Computers are tireless number crunchers and prodigious data repositories. But when it comes to scientific research, the machines have an Achilles' heel, says Ross King, a professor of computer science at the University of Wales at Aberystwyth: They struggle to make sense of even the most clearly written research reports.

Climatologists, for example, might use supercomputer simulations to test a theory on the effects of global warming. But if they wanted to compare their findings with those of relevant biological or botanical experiments, chances are they would have to sift through those papers by hand. That's an impediment to the sharing of scientific research.

So Mr. King and Larissa Soldatova, also a computer-science professor at Aberystwyth, have designed a framework that could help computers understand and analyze scientific papers and make useful comparisons among them. The framework—an ontology, as the researchers call it, named EXPO—allows scientists to document the essential details of their experiments with keyword descriptions known as metadata.

A software program designed by King and Soldatova can then "harvest" those metadata tags, using them to look for specific kinds of research and compare the researchers' results. The metadata their program relies on describes "generic knowledge about scientific experimental design, methodology, and results representation"—information about what hypothesis was formulated, how it was tested, and what the results were. The researchers made a point to keep the tagging data general because they want EXPO to pull together research from different sciences. Scholars in several disciplines have worked to create their own ontologies, Mr. King says, "but

they're doing that sort of individually in their own little silos. We tried to identify the key objects that are common to all experiments, whether they're biology, chemistry, or what have you," he says.

Computers that routinely read research reports might help keep scientists abreast of the work of scholars in other fields, and they could keep researchers from duplicating experiments conducted by their colleagues, Mr. King said.

Radio Station Limits Broadcasts to Avoid Research Interference

—*excerpted from The Chronicle of Higher Education, July 14, 2006*

College radio stations often struggle to be heard over FM-band static, but WUOG, the University of Georgia's student-run station, has found itself facing a rather different problem: Its signal is so strong that it interferes with campus chemistry research. The station has agreed to stop weekday broadcasting temporarily from 7 a.m. to 4 p.m. because the station was wreaking havoc on a spectrometer in a nearby chemistry laboratory.

The spectrometer is part of a machine that chemistry researchers use to analyze gas phases. The device regularly reads high-frequency radio signals, but it also can spot signals from lower frequencies, like WUOG's. The flow tube is a fairly common instrument, and campus researchers had been using their model without incident for quite some time. But last month chemistry researchers noticed that WUOG's signal was often causing more than 30 millivolts of unexpected interference.

No one on the campus seems to know how or why WUOG's signal suddenly started scrambling the spectroscope's signals. But members of the radio station and the chemistry department say that any number of seemingly unrelated events—like campus construction or even office rearrangements—could have deflected WUOG's signal enough to interfere with the research.

While most campus stations hover between 1,000 and 3,000 watts of broad-

casting power, WUOG boasts 26,000, evidently enough to start complicating chemistry experiments. The station manager said that WUOG only agreed to cut down its hours because it was on its summer schedule and should be running full time before the fall semester begins. As part of its agreement with the station, the chemistry department ordered a “notch filter”—a device that can home in on the campus station’s frequency and locally neutralize its signal.

Endangered by Research

—*excerpted from The Chronicle of Higher Education, July 21, 2006*

The gecko could have sprung from the mind of Dr. Seuss: It had black spots. It had white spots. It had stripes upon those spots. The lizard was new to science in the 1990s, when L. Grismer, a professor of biology at La Sierra University, first encountered it in southern China. But doing nothing more than research, he may have indirectly wiped out the gecko by simply describing the lizard in the *Journal of Herpetology*. He recalls thinking, “If we’re going to protect these animals, we need to describe them and get them on the books.” To his dismay, “Within months, these things hit the pet trade with a bang, going for \$1,500 apiece.”

Grismer has not returned to the site, but other scientists have. “They say when you go to this place, it looks like a bomb hit it. The rocks are overturned, they’re smashed, and you don’t have geckos anywhere.” Grismer thinks that smugglers have become cleverer in that they are using research papers to find newly described animals. Three other scientists joined him in a letter to the journal *Science*, telling stories of three new species, all quickly decimated by poachers after their description appeared in print. The issue is even forcing biologists to consider withholding information from publication.

The wildlife trade is a multibillion-dollar industry, but it seems to have branched into newly discovered animals only recently. Botanists, by contrast, have faced the problem for longer. Some

botanists have concluded that to preserve species of commercial interest—like orchids, cacti, and carnivorous plants—they should publish only general geographical information, rather than precise locations.

Once researchers describe a species, the information often goes into online databases, which [pose] an even bigger security risk. Finding articles in obscure research journals takes some hunting by poachers, but anyone with an Internet connection can check the online archives at many institutions, finding the origins of the plant and animal species in their collections.

Arthur Chapman, an independent Australian scientist, hopes to get more scientists talking about the issue. This spring, under the auspices of the Global Biodiversity Information Facility, he conducted an online survey of people who worked at botanical and zoological collections. He found that most of the 102 who responded said they did restrict access to sensitive data in their publicly accessible data sets, using a variety of methods. He plans to publish the results of the survey and hold a workshop about them.

Former UV Professor Gets a Year in Jail for Faking Data

—*excerpted from The Chronicle of Higher Education, July 14, 2006*

A former medical professor at the University of Vermont has been sentenced to a year in prison for fabricating research data on federal grant applications. During the 1990s, Eric Poehlman studied aging, menopause, and obesity and submitted 17 grant applications that were based on fabricated data.

Dr. Poehlman pleaded guilty in March 2005 to lying on an application that won him a \$542,000 grant from the National Institutes of Health. As part of a settlement with federal prosecutors, he agreed to pay a \$180,000 penalty and to be barred for life from receiving federal grants.

UV opened an investigation into Dr. Poehlman’s research practices in 2000, after a lab technician working for him accused

him of misconduct. The U.S. attorney’s office for Vermont then began its own investigation. Before the sentencing on June 28, Dr. Poehlman asked for leniency in a letter to the court. The judge opted not to impose the maximum sentence of five years.

Donations in 2005 Up for Environment and Education, Down for Arts

—*excerpted from The Chronicle of Philanthropy, June 29, 2006*

In 2005, groups that work on environmental issues raised about \$8.9 billion, an increase of 12.2 percent. The surge in donations reflects donors’ growing concern over issues such as global warming, fund raisers say.

Gifts to colleges, universities, and other educational organizations rose by 9.4%, to \$38.6 billion last year. Those contributions accounted for 14.8% of total estimated giving.

Donations to arts groups dropped by 6.6%, to \$13.5 billion in 2005, following two years of modest increases. Giving to the arts as a percentage of total giving also declined, from 5.6% in 2004 to 5.2% last year. Lynne Heinrich, who heads the arts and culture group at Marts & Lundy, a fund-raising consulting company, says that arts organizations must build a more compelling case for support in an increasingly competitive fund-raising environment. “It’s natural disasters, it’s international issues, these are the kinds of things that demand urgency,” she says. “People think that if they drop their support to arts and culture for a year or two, they won’t suffer,” she adds. “These groups need to get the message out about what is lost. Do galleries close? Do education programs get dropped? They have to focus on letting donors know why their gifts matter, and why now.”

FUNDING OPPORTUNITIES

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

Sage Foundation: Social Science Project Awards

The Sage Foundation's awards are restricted to support for basic social science research. The foundation mainly provides support for analyzing data and writing up results, but it occasionally considers larger awards for data acquisition projects highly relevant to its program goals. For information, see www.russellsage.org/about/whatwedo/howtoapply/awards or contact the foundation (212-750-6000, info@rsage.org).

DEADLINE: Aug. 15

Robert Wood Johnson Physician Faculty Scholars

The Robert Wood Johnson Foundation's Physician Faculty Scholars Program will award up to 15 three-year grants to help outstanding junior faculty in medical schools develop their careers in academic medicine. Under the program, talented junior faculty, nominated by their medical schools and selected by the program, will receive support to enhance their skills and productivity through institutional and national mentoring, specific research experience, and protected time in which to acquire it. Preference will be given to applicants interested in the fields of health policy research, epidemiology, health services research, or community-based research.

For more information about this program, see <http://tinyurl.com/o2dlh> or contact Sally Schroeder (650-566-2348, rwjfpfsp@stanford.edu).

DEADLINE: Sept. 1

ACLS: International and Area Studies Fellowships

To encourage humanistic research in area studies, special funding by the National Endowment for the Humanities (NEH) and the American Council of Learned Societies (ACLS) has been set aside for ACLS/SSRC/NEH International and Area Studies Fellowships to be designated among the successful applicants to the central ACLS Fellowship competition. These special fellowships will be given to scholars pursuing research and writing on the societies and cultures of Asia, Africa, the Middle East, Latin America and the Caribbean, Eastern Europe, and the former Soviet Union.

For more information about this program, see www.acls.org/felguide.htm or contact the ACLS (212-697-1505 x124, grants@acls.org).

DEADLINE: Sept. 27

NIMH: Late-Life Mood and Anxiety Disorders

The National Institute of Mental Health is soliciting grant applications for research aimed at understanding the neurobiology of late-life mood and anxiety disorders, and hastening the translation of behavioral science and neuroscience advances into innovations in clinical care for these disorders, including the development of potential new treatments (psychosocial, psychopharmacologic, and somatic) or predictors of treatment response.

The intent of the program is to intensify investigator-initiated research in this area, to attract new investigators to the field, and to enhance interdisciplinary approaches to research.

For more information about this program, see <http://grants.nih.gov/grants/guide/pa-files/PA-06-489.html> or contact Jovier Evans (301-443-1369, jevans1@mail.nih.gov).

DEADLINE: Oct. 1

ACS/Frasch Foundation: Agricultural Chemistry Grants

Under the aegis of the American Chemical Society, the Herman Frasch Foundation makes grants to support research in the field of agricultural chemistry that will be of practical benefit to the agricultural development of the United States.

The ACS Committee on Frasch Foundation Grants interprets the term "agricultural chemistry" broadly. Research proposed for support should be primarily chemical or biochemical in nature. Because such research is often interdisciplinary, a joint effort by two scientists with expertise in different complementary fields may achieve the desired results. Projects that focus on nutrition, agronomy, genetics, or entomology are not usually favored.

The proposed research should have novel or unique aspects. Proposals must provide opportunities for training students at the graduate, undergraduate, or post-doctoral levels. Preliminary or analogous research that enhances the probability of success is helpful and should be noted in the proposal.

For more information about this program, see <http://tinyurl.com/mznom> or contact the ACS (800-227-5558, fraschinfo@acs.org).

DEADLINE: Oct. 2

Howard Foundation: Fellowships in Visual Arts, Media Studies, History of Art and Architecture

The George and Eliza Howard Foundation awards a limited number of fellowships each year for independent projects in fields selected on a rotational basis. Approximately 10 fellowships will be offered for 2007-08 to fund projects in the following fields: **Visual Arts, Media Studies, and History of Art and Architecture.**

Stipends for one year are \$25,000.

The foundation's intent is to support people in the middle stages of their

careers whose achievements demonstrate promise of future distinction. Nominees should generally have the rank of associate (or advanced assistant) professor or their nonacademic equivalents. Faculty applicants should have a significant record of publication beyond the dissertation; **fellowships are intended to augment paid sabbatical leaves.** Independent artists and scholars who have a significant record of accomplishments are also encouraged to apply.

The project should be an original and important contribution to the candidate's field, and it should manifest the candidate's growth and creativity. It must be at least a second or third major project for the candidate, and the description of the project should be comprehensible to persons outside the immediate field of specialization.

For more information about this program, see www.brown.edu/Divisions/Graduate_School/howard or contact William Crossgrove or Susan Clifford (401-863-2640, Howard_Foundation@brown.edu).

DEADLINE: Oct. 17

National Collegiate Inventors & Innovators Alliance: Sustainable Vision Grants

SIUC is a member of the NCIIA, which is offering exploratory grants to support the creation of new U.S. and international initiatives and to help define transferable and replicable models for effective and sustainable technology entrepreneurship.

Sustainable Vision grants will fund innovative educational programs that move ideas to commercialization **for the benefit of the environment and people in need.** The grants will support enrichment and deepening of ongoing programs by building and strengthening interpersonal and inter-institutional networks, and creating new initiatives within existing programs. Grants are intended to support programs that apply technology entrepreneurship to address poverty and environmental degradation, and/or meet basic human needs such as clean air and

water, nutrition, health care, and shelter.

Grants will range from \$10,000 to \$50,000. For more information, see www.nciia.org/g_sustainable.html or contact the NCIIA (413-587-2172, info@nciia.org).

DEADLINE: Oct. 27

JFK Library Foundation: Hemingway Research Grants

The John F. Kennedy Library Foundation is accepting applications for its Ernest Hemingway Research Grants initiative. The grants (up to \$1,000) are to help defray living, travel, and related costs that are incurred during research using the Ernest Hemingway Collection. Both scholars and students are eligible.

For more information, see <http://tinyurl.com/ozc7g> or call 617-514-1624.

DEADLINE: Nov. 1

American Institute for Cancer Research

The purpose of the institute's Investigator-Initiated Grant program is to support research on dietary and nutritional means of preventing and treating cancer, or improving the life of the cancer patient. Work supported by this program is uncovering the mechanisms by which nutrients and other components within foods help prevent or promote the cancer process.

The program provides renewable two-year grants of up to \$75,000 per year. Innovative rather than confirmatory projects are sought.

Proposed projects should fit one of these general categories: (1) Food, Nutrition, and the Prevention of Cancer, (2) Food, Nutrition, and the Treatment of Cancer, and (3) Nutritionally Based Complementary and Alternative Approaches to the Prevention and Treatment of Cancer.

For more information about this program, see <http://tinyurl.com/pnmx7> or contact the AICR Research Dept. (800-843-8114, research@aicr.org).

DEADLINE: Dec. 6

GRANT DEADLINES

September and October 2006

Information on many of the following programs is available from the Community of Science grants database at www.cos.com or from www.grants.gov. For web links to programs, contact Joel Fritzler 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.**

September 2006

Federal

Agriculture

Sep 01 CSREES: Sustainable Community Innovation

Commerce

Sep 14 OAR: Ballast Water Technology Demonstration
 Sep 15 NWS: Hydrologic Research
 Sep 25 NOAA: Community-Based Habitat Restoration—National and Regional Partnerships
 Sep 28 NOAA: Community-Based Habitat Restoration Projects

Defense

Sep 01 USSOCOM: Silent Knight TF/TA Radar System Development
 Sep 19 DARPA: Information Exploitation Technology
 Sep 30 ARI: Fundamental Research in Behavioral Science—Training, Leadership Development, and Soldier/Personnel Issues

Energy

Sep 05 NETL: Solid State Lighting Product Development III
 Sep 06 OFES: Plasma Physics Junior Faculty Development

EPA

- Sep 15 Great Lakes Legacy Act—Request for Projects

Health and Human Services

- Sep 01 NIH: HIV/AIDS, Severe Mental Illness, and Homelessness; HIV Infection of the Central Nervous System; Men's Heterosexual Behavior and HIV Infection
- Sep 01 NIH: Hearing Impairment and Other Communication Disorders Associated with HIV/AIDS
- Sep 12 NIH: Innovative Application of Nanotechnology to Heart, Lung, Blood, and Sleep Disorders
- Sep 13 CDC: Occupational Safety and Health Education and Research Centers
- Sep 13 NIDCR: Multidisciplinary Research on Oral Manifestations Associated with HIV/AIDS
- Sep 13 NIH: Continued Development and Maintenance of Software
- Sep 14 NIH: Specialized Centers of Interdisciplinary Research on Sex and Gender Factors Affecting Women's Health
- Sep 14 NIH: Building Interdisciplinary Research Careers in Women's Health
- Sep 14 NIH: Research on Research Integrity
- Sep 15 NCCAM: Complementary and Alternative Medicine Practitioner Research Education Project Grant Partnership
- Sep 15 NICHD: Genetic Factors in Birth Defects
- Sep 15 NIH: U.S.-Japan Brain Research Cooperation Program
- Sep 15 NIMH: Translational Research on the Relationship of Anxiety and Depression
- Sep 18 NIAID: Development of a Third-Generation Anthrax Vaccine
- Sep 18 NIH: Comparative Biology Elucidation of Environmental Pathways and Susceptibility

HHS cont.

- Sep 19 NHLBI: Elucidating Nature's Solutions to Heart, Lung, and Blood Diseases and Sleep Disorders Processes
- Sep 19 NIH: Efficacy of Interventions to Promote Research Careers
- Sep 20 NCI: Specialized Programs of Research Excellence in Human Cancer
- Sep 20 NIH: Bioengineering Research Partnerships
- Sep 20 Nuclear Structure-Function Defects in the Pathogenesis of Muscular Dystrophy
- Sep 21 NCI: Innovative Technologies for Molecular Analysis of Cancer; Innovations in Cancer Sample Preparation
- Sep 21 NIH: International Research Collaboration—Behavioral, Social Sciences
- Sep 22 NIH: Rehabilitation Research Career Development
- Sep 22 NIH: Non-Human Primate Islet/Kidney Transplantation Tolerance
- Sep 23 NIH: Assay Development for High-Throughput Molecular Screening
- Sep 24 NIH: Innovation in Biomedical Computational Science and Technology
- Sep 25 NHLBI: Exploratory Program in Systems Biology
- Sep 25 NIH: International Tobacco and Health Research and Capacity Building
- Sep 25 NIMH: Basic and Translational Research Opportunities in the Social Neuroscience of Mental Health

National Archives

- Sep 15 FDR Library: Grants-in-Aid
- Sep 15 George Bush Library: Korea Grants
- Sep 15 Gerald Ford Library: Research Travel Grants

National Gallery of Art

- Sep 21 Visiting Senior Fellowships and Associate Appointments

National Science Foundation

- Sep 08 NSF: Leadership-Class System Acquisition—Creating a Petascale Computing Environment for Science and Engineering
- Sep 14 GEO: Opportunities for Enhancing Diversity in the Geosciences
- Sep 14 GEO: Earth Sciences Instrumentation and Facilities
- Sep 14 HER: Informal Science Education
- Sep 15 ENG: Research to Aid Persons with Disabilities
- Sep 15 ENG: Chemical Reaction Processes (Process and Reaction Engineering; Catalysis and Biocatalysis); Interfacial, Transport, and Separation Processes; Fluid and Particle Processes; Thermal Systems
- Sep 15 SBE: Documenting Endangered Languages
- Sep 15 SBE: Developing Global Scientists and Engineers
- Sep 26 HER: Science, Technology, Engineering, and Mathematics Talent Expansion Program
- Sep 27 MPS: Particle and Nuclear Astrophysics; Theoretical Physics; Gravitational Physics; Atomic, Molecular, and Optical Physics
- Sep 27 MPS: Education and Interdisciplinary Research

State of Illinois**Illinois Arts Council**

- Sep 01 Artists Fellowships
- Sep 01 Ethnic and Folk Arts Master/Apprentice Program

Other**Alaska State Council on the Arts**

- Sep 01 Master Artist and Apprenticeship Grants

Alcoholic Beverage Medical Research Foundation

- Sep 01 Grants

American Chemical Society

Sep 15 Women Chemists Committee
Travel Awards

American Council of Learned Societies

Sep 27 Various Fellowships

American Gastroenterological Association

Sep 05 Research Scholar Award in
Gastric Biology Related to
Cancer

Arkansas Humanities Council

Sep 15 Media Projects; Research
Grants

Arthritis Foundation

Sep 01 Arthritis Investigator Awards,
New Investigator Grants, and
Innovative Research Grants

Beckman Foundation

(Chemical and Life Sciences)

Sep 29 Young Investigators Program

Burroughs Wellcome Fund

Sep 01 Clinical Scientist Awards in
Translational Research

Cystic Fibrosis Foundation

Sep 06 Clinical Investigator Awards;
Clinical Fellowships

Sep 07 Physician/Scientist Awards;
Postdoctoral Fellowships

Floriculture Industry Research and Scholarship Trust

Sep 01 Research Grants

International Tropical Timber Organization

Sep 06 Fellowships

Robert Wood Johnson Foundation

Sep 01 Physician Faculty Scholars
Program

National Fish and Wildlife Foundation

Sep 01 Wildlife Links (wildlife on golf
courses)

National Multiple Sclerosis Society

Sep 01 Collaborative Research

Pharmaceutical Research and Manufacturers of America Foundation

Sep 01 Research Starter Grants in
Informatics

Research Corporation

(Chemistry, Physics)

Sep 01 Cottrell Scholars Awards

Tilker Medical Research Foundation

(Neurodegenerative Diseases)

Sep 01 Seed Funding; Outstanding
Investigator Award

U.S. Civilian Research and Development Foundation

Sep 15 Georgian-U.S. Bilateral Grants
Program 2006

U.S./Israel Binational Agricultural Research and Development

Sep 16 Grants

White House Historical Association

Sep 01 Research Grants

Woodrow Wilson International Center for Scholars

Sep 01 East European Studies:
Short-Term Grants

October 2006**Federal****Agriculture**

Oct 09 CSREES: National Research
Initiative—Interagency Micro-
bial Observatories Program

Oct 31 CSREES: Animal Biosecurity
Coordinated Agricultural Proj-
ects; Plant Biosecurity

Commerce

Oct 02 NOAA: Research in Satellite
Data Assimilation

Oct 20 NOAA: Collaborative Sci-
ence, Technology, and Applied
Research

Defense

Oct 17 DARPA: Mission-Adaptable
Chemical Sensors

DOD cont.

Oct 19 DARPA: Disruptive Manufac-
turing Technologies

Oct 20 USAF: Specialized Medical
Materiel or Procedures Designed
to Enhance Force Health
Protection

Oct 24 DARPA: VisiBuilding—ISR for
Building Interiors

Oct 31 DARPA: Analog Spectral Pro-
cessors

Oct 31 USMC: Marine Corps Training
and Simulation Technology

Health and Human Services

Oct 01 NIOSH: Small Research Grants
on Occupational Safety and
Health

Oct 01 NCI: Cancer Education

Oct 01 NCI: Immunoregulation of
Gastrointestinal Carcinogenesis

Oct 01 NIDA: Research Education
Grants in Drug Abuse and
Addiction

Oct 01 NIDDK: Education Program
Grants

Oct 01 NIH: Centers of Excellence in
Genomic Science

Oct 01 NIH: Nutrition and Diet in
the Causation, Prevention, and
Management of Heart Failure

Oct 01 NIH: Developmental Biology
and Regeneration of the Liver

Oct 01 NIH: Developmental Projects
in Complementary Approaches
to Cancer Care

Oct 01 NIH: Planning Grants for
Translational Research for the
Prevention and Control of
Diabetes and Obesity

Oct 01 NIMH: Research Education
Grants in Mental Health

Oct 22 NIMH: Translational Research
Centers in Behavioral Science

Oct 23 NIAMS: Small Grant Program
for New Investigators

National Science Foundation

Oct 01 ENG: Structural Systems and
Hazard Mitigation of Structures

Oct 01 ENG: Materials Processing and
Manufacturing

Oct 01 ENG: Nanomanufacturing

Oct 03 MPS: Algebra, Number Theory,
and Combinatorics

NSF cont.

- Oct 03 MPS: Foundations
 Oct 06 BIO: Plant Genome Research
 Oct 07 ENG: Power, Controls, and Adaptive Networks
 Oct 09 BIO: Microbial Observatories and Microbial Interactions and Processes
 Oct 10 CISE: Foundation of Computing Processes and Artifacts
 Oct 12 EHR: Advanced Technological Education
 Oct 15 GEO: Geospace Environment Modeling
 Oct 19 CISE: Information and Intelligent Systems
 Oct 31 SBE: Archaeometry Awards

National Security Agency

- Oct 15 Research in Mathematics and Cryptology: Senior Investigators, Young Investigators, and Standard Grants
 Oct 15 MSP: Conferences, Workshops, and Special Situations

State Dept.

- Oct 15 ECA: Fulbright Teacher Exchange

Other**Alaska Conservation Foundation**

- Oct 01 Watchable Wildlife Conservation

Alaska Humanities Forum

- Oct 01 General Grants

American Academy of Arts and Sciences

- Oct 14 Visiting Scholars

American Cancer Society

- Oct 15 Basic, Preclinical, Clinical, and Epidemiology Research; Cancer Control and Prevention; Psychosocial and Behavioral Research; Health Services and Health Policy

American Chemical Society

- Oct 02 Agricultural Chemistry

American College of Neuropsychopharmacology

- Oct 31 Educational Outreach Grants

American Council for International Education

- Oct 01 Southeastern Europe Research
 Oct 01 Title VIII Combined Research and Language Training

American Dietetic Association

- Oct 30 Nutrition Education Grants

American Music Center

- Oct 01 Composer Assistance Grants

American Psychiatric Association

- Oct 14 Research Development in Biological Psychiatry
 Oct 14 Minority Research Fellowship

American Society for Microbiology

- Oct 15 Indo-U.S. Professorships in Microbiology

American Society of Nephrology

- Oct 01 Basic Science Travel Award

Association for Asian Studies

- Oct 01 Japan Studies Grants: Various
 Oct 01 Korean Studies Grants: Various

Association for Women in Mathematics

- Oct 01 Travel Grants for Women Researchers

Burroughs Wellcome Fund

- Oct 02 Career Awards for Medical Scientists

Chiang Ching-Kuo Foundation for International Scholarly Exchange

- Oct 15 Research, Scholar, and Junior Scholar Grants

Children's Cardiomyopathy Foundation

- Oct 06 Grants

Doctors Cancer Foundation

- Oct 31 Investigator Grants

Filson Historical Society

- Oct 15 Ballard Breaux Visiting Fellowships

Gynecologic Cancer Foundation

- Oct 06 Ovarian Cancer Research Grants

Hereditary Disease Foundation

- Oct 15 Lieberman Award (Huntington Disease)

Alexander von Humboldt Foundation

- Oct 31 Transatlantic Cooperation in Research—Humanities, Social Sciences, Economics, and Law

Meet the Composer

- Oct 01 Creative Connections

National Art Education Association

- Oct 01 Various Awards

National Organization for Hearing Research

- Oct 07 Annual Research Awards

Orthopaedic Research and Education Foundation

- Oct 03 Various Research Awards

Pharmaceutical Research and Manufacturers of America Foundation

- Oct 01 Research Starter Grants in Health Outcomes

Research Corporation

- Oct 02 Research Grants in Energy Sciences, Engineering, Natural and Physical Sciences, Mathematics, and Technology

Skin Cancer Foundation

- Oct 13 Research Grants

Society for Progressive Supranuclear Palsy

- Oct 01 Research Grants

U.S. Poultry and Egg Foundation

- Oct 05 Research Grants

Whitehall Foundation (Life Sciences)

- Oct 01 Research Grants

AWARDS PROCESSED

Externally funded grants and contracts processed during July 2006

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*Bio-Processing Input Procurement Strategies: A Non-Technical Barrier to Industry Development	I. Altman	Agribusiness Economics	U of Missouri-Columbia (Missouri DNR)	\$22,211
School Meals Initiative Review 2007	J. Endres P. Welch A. Higginbotham	Animal Science, Food and Nutrition ASFN ASFN	ISBE (USDA)	\$195,475
*Pasture Rehabilitation Project to Promote and Study Equine Health	S. King	Animal Science, Food and Nutrition	Illinois Equine Industry Research and Promotion Board	\$6,920
*Sican Archaeological Project, 2006 Season: Huaca Loro Northwest Tomb Excavation	I. Shimada	Anthropology	Tokyo Broadcasting System	\$62,156
First-Principles-Based Simulation of Hydrogen Interactions in Complex Hydrides	Q. Ge	Chemistry	USDOE	\$200,000
*First-Principles Study of Light-Metal Complex Hydrides as Potential Hydrogen-Storage Materials	Q. Ge	Chemistry	American Chemical Society/Petroleum Research Fund	\$18,000
Midwest Regional Canola Research Program	J. Russin	College of Agricultural Sciences	USDA/CSREES	\$107,500
Winter Ecology of Trumpeter Swans in Southern Illinois	M. Eichholz	Cooperative Wildlife	IDNR (USDI/USFWS)	\$36,650
*Motherhood and Academia: Lessons Learned	T. Stinchfield	Educational Psychology and Special Education	Association of Counselor Education and Supervision	\$750
*Monitoring Population Status and Movement of Native and Non-Native Fishes in the Upper Mississippi River System	J. Garvey	Fisheries Center	U.S. Army/ACOE	\$305,900
*Harvesting Impacts on Sediment Particle Size and Channel Morphology in Two Central Appalachian Streams of West Virginia	J. Schoonover K. Williard	Forestry Forestry	USDA/USFS	\$69,525

Title	Investigator(s)	Department(s)	Agency	Award
*Quantifying Erosion Associated with Gas Well Development in the Fernow Experimental Forest, West Virginia	K. Williard J. Schoonover	Forestry Forestry	USDA/USFS	\$37,000
ICCI Coal Research Program	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$450,000
*Locally Analytic Representations and Langlands Program	D. Ban	Mathematics	NSF	\$98,889
Fatty Acid Synthase as a Therapeutic Target for Prostate Cancer	K. Watabe	Medical Microbiology and Immunology	William E. McElroy Foundation	\$26,999
*Use of Plasma for Destruction of Microbial Hazards in Food	J. Haddock A. Higginbotham W. Shoup G. Galanos	Microbiology Animal Science, Food and Nutrition Plant, Soil, & Ag Systems Electrical and Computer Engineering	U of I/C-FAR	\$131,937
*Fabrication and Testing of Large ISGS Intelligent Filter Press	M. Mohanty	Mining and Mineral Resources Engineering	U of I (IDNR/ISGS) (IDCEO/ICCI)	\$34,939
*Efficacy of ONO-2506PO in Patients with Mild to Moderate Alzheimer's Disease	T. Ala	Neurology	Ono Pharmaceutical Co.	\$207,625
*Comprehensive Analysis of Serum Cytokines as Biomarkers of Disease Activity in Opsoclonus-Myoclonus	M. Pranzatelli	Pediatrics	Pediatric OMS Research Fund	\$50,000
*Study of Inflammatory Mediators in Pediatric Opsoclonus-Myoclonus Syndrome	M. Pranzatelli	Pediatrics	William E. McElroy Foundation	\$25,000
*Development of a Rapid Behavioral Tinnitus Screen for Rats	J. Turner	Pharmacology	USDHHS/NIH	\$205,625
*Understanding Compound Phase Transitions in New Heusler Alloy Colossal Magnetocaloric Materials	N. Ali S. Stadler	Physics Physics	USDOE	\$148,871
*Breast Cancer and eNOS Suppression by Quercetin	S. Jackson	Physiology	American Institute for Cancer Research	\$23,742
Constitutively Active LH Receptors in Transgenic Mice	P. Narayan	Physiology	USDHHS/NIH	\$98,165
*Quantify the Rate of Change in Tree Composition Within the Bottomland Hardwood Forests of the Barataria Preserve	L. Battaglia	Plant Biology	USDI/NPS	\$20,300

Title	Investigator(s)	Department(s)	Agency	Award
*Collaborative Research, LTREB: Long-Term Studies of Flowering, Fruiting and Seeding Recruitment in Neotropical Forests: Global Change, Climate Variability, and Species Coexistence	N. Garwood	Plant Biology	NSF	\$46,009
Soybean Cyst Nematode Managed Research Area	J. Bond	Plant, Soil, & Ag Systems	U of I (Illinois Soybean Association)	\$73,000
Soybean Cyst Nematode Managed Research Area	K. Meksem	Plant, Soil, & Ag Systems	U of I (Illinois Soybean Association)	\$91,000
Longitudinal Study of Career Development	P. Rottinghaus	Psychology	National Career Assessment Services	\$10,000
*Juvenile Detention Center Methamphetamine Program - Evaluation	S. Koch	Rehabilitation Institute	Illinois' 2nd Judicial Circuit	\$9,706
*ATS Open Pivot Intraoperative Assessment (OPIA) Registry	S. Hazelrigg	Surgery	ATS Medical, Inc.	\$3,750
*Effect of Habitat Fragmentation on Migration Rates in Southern Pine Beetle Using Genetic Markers	K. Ibrahim E. Heist J. Reeve	Zoology Fisheries Center Zoology	USDA/USFS	\$28,503
Training Awards				
MPA Internships	J. Hamman K. Surprenant	Political Science Political Science	IDCEO	\$5,850
Graduate Assistantship	S. Dollinger	Psychology	Brehm Preparatory School	\$28,440
Traineeship Support	S. Dollinger	Psychology	Franklin-Williamson Human Services/Family Counseling and Mental Health Center	\$25,746
Rehabilitation Long-Term Training - Rehabilitation Counseling	J. Benshoff T. Upton S. Robertson	Rehabilitation Institute Rehabilitation Institute Rehabilitation Institute	USED	\$150,000
GED Preparation Program	S. Burke J. Bordieri	Rehabilitation Institute Rehabilitation Institute	Carbondale Community High School	\$19,992
Other Awards				
Head Start Basic	C. Reed S. Bryson	Affirmative Action Affirmative Action	USDHHS/OHDS/ACF	\$1,532,786

Title	Investigator(s)	Department(s)	Agency	Award
Head Start Training and Technical Assistance	C. Reed S. Bryson	Affirmative Action Affirmative Action	USDHHS/OHDS/ACF	\$35,006
National Airport Safety Data Program - Virginia Inspections	D. NewMyer	Aviation Management and Flight	GCR & Associates, Inc. (FAA)	\$5,000
National Airport Safety Data Program - Virginia Inspections	D. NewMyer	Aviation Management and Flight	GCR & Associates, Inc. (FAA)	\$6,000
WSIU-FM State of Illinois Grant	C. Isberner D. Kerstein	Broadcasting Service Broadcasting Service	IAC (CPB)	\$38,501
Southern Region Prekindergarten and Parental Training 3-5 Programs FY2006	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$52,200
Southern Region Prevention Initiative and Parental Training 0-3 Programs FY2006	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (USED/ISBE)	\$6,000
Heart Smart for Teens	P. Tippy	Family and Community Medicine	IDPH	\$30,000
National Headquarters for the American Association of Teachers of French	J. Abrate	Foreign Languages and Literatures	American Association of Teachers of French	\$772,345
*Giant Cane Restoration	J. Groninger J. Zaczek J. Schoonover	Forestry Forestry Forestry	USDI/USFWS/Cypress Creek National Wildlife Refuge	\$5,000
*Logger Training Educational Program	J. Phelps	Forestry	IDNR (USDA/USFS/ICF/Forest Land Enhancement Program)	\$7,150
SIUC DFI Fellows - FY07	J. Meuth J. Koropchak	Graduate School Vice Chancellor for Research	IBHE	\$129,250
Genetic Counseling Services Grant	M. Schneider	Pediatrics	IDPH	\$55,000
*XXX International Workshop on Condensed Matter Theories	F. Malik	Physics	U.S. Army/ARO	\$5,000
*Pugmill Ash Conditional and Loading System	B. Dougherty	Plant and Service Operations	IDCEO	\$87,500
Psychology Graduate Externship	S. Dollinger	Psychology	IDHS/Choate Mental Health and Development Center	\$14,800
Region V Rehabilitation Continuing Education Program (RRCEP)	D. Adams	Rehabilitation Institute	USED/RSA	\$551,000

Title	Investigator(s)	Department(s)	Agency	Award
Region V Rehabilitation Continuing Education Program (RRCEP)	D. Adams	Rehabilitation Institute	USED/RSA	\$6,000
EDC Third-Party Agreement	D. Shelton	Rehabilitation Institute	IDHS (USED)	\$812,500
Legal Services for Older Persons	M. Rudasill	School of Law	Egyptian Area Agency on Aging (USDHHS)	\$2,047
Employer Training Investment Program (ETIP)	L. Lindberg	Small Business Development Center	IDCEO	\$9,334
Adoption, Child Welfare Program	M. Miah S. Selander	Social Work Social Work	IDCFS	\$28,826
*Local Workforce Investment Boards Training	J. Washburn	Workforce Education	IDCEO (USDL)	\$68,857
Career and Technical Education Improvement Grant - Career and Technical Education Curriculum, Instruction, and Leadership	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED)	\$150,000
Illinois Nontraditional Training and Statewide Resource Center	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED/Carl Perkins Act)	\$75,000
Illinois Student Information System	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED/Carl Perkins Act)	\$260,000
State Leadership - Career and Technical Education Curriculum, Instruction, and Leadership	J. Washburn R. Woodhull	Workforce Education Workforce Education	ISBE (USED)	\$475,000
*IMSP 2006/2007 TDL & Mathematics Project	R. Woodhull J. Washburn	Workforce Education Workforce Education	Two Rivers Professional Development Center (ISBE)	\$33,455

**indicates new award*

Awards Processed During July 2006 (65) \$8,329,732

Summary of Fiscal Year 2007 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2007 Awards as of July 2006		Fiscal Year 2006 Awards as of July 2005	
Research	(26)	\$1,974,903	(33)	\$2,849,662
Training	(10)	\$542,519	(11)	\$935,604
Other	(19)	\$5,214,423	(15)	\$3,098,902
Federal	(21)	\$4,171,905	(20)	\$4,414,943
State	(18)	\$2,415,401	(19)	\$1,652,543
Industry	(4)	\$112,352	(2)	\$77,500
Foundation	(2)	\$51,999	(8)	\$232,628
Other	(10)	\$980,188	(10)	\$506,555
TOTAL	(55)	\$7,731,845	(59)	\$6,884,168