



RESEARCH MATTERS

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

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FUNDING OPPORTUNITIES IN THIS ISSUE

SIUC: Graduate Technology Enhancement Grants	6
ORAU: Junior Faculty Awards; Visiting Industrial Scholars Awards	6
Jefferson Science Fellows	7
American Philosophical Society: Franklin Research Grants	7
USGS: Water Supply and Availability	7
NSF: Innovation and Organizational Change	7
DOE: Innovative Energy Systems ..	7
NIH: Dissemination and Implementation Research	8
AJCC: Cancer Staging Algorithms	8
Undergraduate International Studies and Foreign Language Program	8
USDA: Higher Education Challenge Grants	8
National Endowment for Financial Education	8

OTHER DEPARTMENTS

Of Special Note	2
Research Digest	3
Grant Deadlines	9
Awards (October 2005)	12

F&A (“Indirect”) Costs and You: Some FAQs

—by Prudence M. Rice, Associate Vice Chancellor for Research and ORDA Director

This past summer, SIUC negotiated a new Facilities and Administrative (F&A) rate agreement with the federal government for sponsored projects at the University. Our new rates are listed in the box on this page. This new agreement provides an opportunity for me to remind the SIUC community about what F&A costs are and how these cost returns provide broad support for campus research, scholarly, and artistic endeavors.

What are Facilities and Administrative costs?

Facilities and Administrative costs, long referred to as “indirect costs” (IDC) or “overhead,” refer to real expenses, part of the costs of carrying out the University’s research mission (see *Research Matters*, October 2002). They are best understood by comparison to the *direct* costs of doing research, which are expenditures managed by the principal investigator or project director (PI/PD), such as salaries, equipment, travel, commodities, etc. F&A costs, on the other hand, relate to the expenses of maintaining and operating the University’s *facilities* and services, such as buildings (lab and office space, the library), utilities (electricity, heating and air conditioning, water), *administration* (purchasing, accounting), and so forth; hence the term F&A.

How are F&A rates determined?

Since the 1950s, the federal government has acknowledged that overhead is a necessary component of university-based research support. Every three years, F&A rates are carefully calculated, audited, and negotiated between the nation’s universities and the federal government. Each university’s individual rate has its origins in a report of space size and use and annual expenditures that identifies the institution’s total costs of operation. University officials calculate the percentage of these expenditures that they believe represents the share of research support that should be borne by the government. This is the basis for each university’s proposal to the federal government for its F&A rate.

Last year, SIUC administrators and staff spent considerable time preparing the data for our proposal to the U.S. Department of Health and Human Services, our “cognizant federal agency” with which we negotiate a rate (see *Research Matters*, May 2001). These data included

	On-campus	Off-campus
Research	44.5%	26.0%
Instruction	44.5%	26.0%
Other	31.0%	

These rates took effect July 1, 2005.

building-by-building and room-by-room measurements of space devoted to research, metered evaluations of electricity use for research spaces, and so on.

In considering the fact that institutions charge F&A by standard rates, it may be useful to contemplate the alternative: separate lines in every proposal budget for a proportion of electrical and water usage, for square footage of space, for a proportion for the library, for specific secretarial and administrative services, etc.

What happens to the F&A dollars that are added to my proposal budget?

Agencies making grant/contract awards to the University repay the institution all the F&A dollars specified in the successful proposal. These are referred to as F&A or indirect cost returns. The timing and rate of repayment to the University is based on the individual principal investigator's expenditures out of the awarded funds.

Each university has its own plan for how it spends the indirect costs that it receives back from funding agencies. Because of federal regulations and auditing requirements, these expenditures must be carefully monitored. While plans may differ in details from institution to institution, they are all similar in general terms.

SIUC distributes F&A returns according to a 30%:70% plan developed in 1999, which was approved by the Graduate Council and other constituency groups and implemented in 2001. For every \$1,000,000 of F&A returned to SIUC, 30% of that total is distributed as \$200,000 to the originating colleges/centers and \$100,000 to the originating department/center; the remaining 70% is divided as \$400,000 to the OVCR/Graduate Dean/ORDA and \$300,000 to the Office of the Chancellor. Within each recipient college, department, or center, the distribution or apportionment is according to that unit's agreed-upon plan, generally set forth in the unit's operating papers.

The purpose of this new allocation plan was to increase the amount of F&A returns distributed back for direct (especially departmental) support of faculty research and scholarly and creative activity.

So what does all this administrative stuff actually mean to me?

The meaning and significance of this information about F&A varies depending on the kind of research/scholarly/creative activity in which you and your students/department/center/college are involved. In general, the importance can be discussed with regard to external funding and internal funding.

External funding: SIUC is allowed to charge the relevant full, federally negotiated F&A rate (see box p. 1) on most external grants. In general, federal sponsors will pay the full F&A rate back to the University, although there are important exceptions, such as the National Endowment for the Humanities, the Department of Education, and others. State of Illinois agencies generally allow less than the full rate. Private foundations and industry often refuse to allow any indirect costs at all. ORDA policy is that the full F&A rate will be charged on all proposals, unless the sponsor states in writing that F&A is disallowed or is limited to a lower percentage.

Because federal agencies such as the National Science Foundation (NSF) and the National Institutes of Health (NIH) will generally pay the full negotiated F&A rate, most of the returns coming back to the University come from those (and related) sources. In addition, these grants usually bring in the largest amount of base dollars on which the F&A rate is calculated. These are the biggest sources of the millions of dollars of F&A returns to the University.

Internal funding: The OVCR/Graduate Dean and ORDA control a substantial proportion of the F&A dollars returned to SIUC from external funding sources. **F&A cost returns constitute nearly 90% of the funding for SIUC's competitive internal research programs.** These dollars support faculty research, scholarly, and creative activities in several ways.

Perhaps most obvious to the individual investigator are the ORDA Faculty Seed Grants. These are internally peer-reviewed research grants of up to \$20,000 awarded through competitions held each fall se-

mester. The purpose is primarily to "seed" or initiate the research and scholarly activities of new faculty to make them more competitive for receiving external funding. This is a cross-disciplinary program, and faculty from colleges and departments that do not bring in substantial F&A dollars, especially from federal sources, traditionally do very well in receiving seed grants. In addition, the OVCR/Graduate Dean and ORDA provide faculty and students with travel money. These awards are funded primarily through recovered IDC returned to SIUC and allocated to the OVCR.

Furthermore, the OVCR has been using a proportion of the F&A returns to provide matching funds for external grants, usually to federal sources, that require them. Grants that receive matching funds can range from the sciences and technology to the arts, humanities, education, and so forth. Faculty and staff across campus are eligible to request these funds.

OF SPECIAL NOTE

NEH Switches to Electronic Applications

Beginning in January, the National Endowment for the Humanities (NEH) will only accept institutional grant applications via Grants.gov, the government-wide grants portal (www.grants.gov). This move is in response to a federal government initiative and will do away with the need to send in paper copies of an application.

All NEH application guidelines for programs with deadlines in 2006 or beyond will contain complete, step-by-step instructions on how to apply via Grants.gov for that particular program. Guidelines typically will be posted 90 days prior to an application deadline.

SIUC is already registered with Grants.gov. Principal investigators do not register separately with this system. However, we suggest that anyone who plans to submit a grant application to

NEH in spring semester 2006 allow plenty of lead time. When agencies implement Grants.gov procedures for the first time, it can take a while for them to get the bugs out of the system and get things working smoothly.

New Humanities Grant Directory Available

ORDA is pleased to announce the arrival of the 2005/2006 *Directory of Grants in the Humanities*. This resource book, weighing in at 5 lbs., 6 oz. and measuring two inches thick, describes thousands of current funding opportunities in the United States, Canada, and abroad for a wide variety of disciplines in the arts and humanities. Programs are supported by federal and state agencies that support research and study in literature, language, linguistics, history, anthropology, philosophy, religion, and the fine and performing arts. Indexes in the directory have been revised and an extensive website index of funding sources has been added.

The directory can be used on site at ORDA; see Joel Fritzler in Woody C-215.

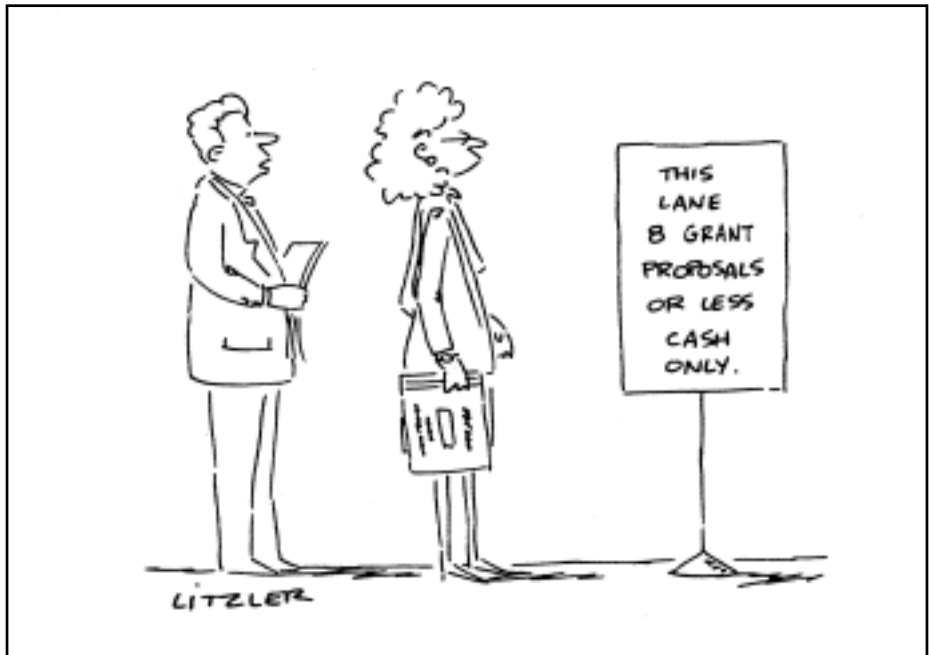
RESEARCH DIGEST

NSF Promotes Research on Impact of Nanotechnology

—excerpted from the *Chronicle of Higher Education*, Oct. 21, 2005

The National Science Foundation has awarded grants to finance a network of academic researchers who will study the social implications of nanotechnology, like threats to the environment and privacy. The awards represent a significant increase in federal funds for an area that some researchers argue has not been studied enough. The two largest grants will go to Arizona State and the University of California at Santa Barbara. They will get \$6.2 million and \$5 million, respectively, over five years.

The young science of nanotechnology involves the creation of extremely small



Reprinted from the *Chronicle of Philanthropy* by permission of the artist, Mark Litzler.

materials and devices with novel properties by manipulating matter at the atomic scale. Such technology, for example, might involve implanting nano-size sensors in the human body to monitor a person's physical health. But privacy advocates are concerned that such information could be stolen. Environmentalists are worried that nano-size particles could cause a new form of difficult-to-control pollution. Even supporters of nanotechnology agree that these questions deserve more study.

The Arizona State center will focus on issues including privacy, security, and the technology's potential applications in enhancing the human body. It will also experiment with a novel approach teaming social and natural scientists to try to steer the development of the technology, as it is occurring, to maximize beneficial effects and minimize negative ones. The Santa Barbara center will study, among other topics, society's perception of nanotechnology's risks.

Until now, the federal government has been financing research to develop nanotechnology—a total of \$1 billion this year—but has spent relatively little on studying its social ramifications. The NSF hopes the newly financed centers will prove a success that its sister agencies will decide to emulate.

New NIH Awards

—excerpted from the *Chronicle of Higher Education*, Oct. 21, 2005, and *NIH News*, Oct. 12, 2005

In early October, the National Institutes of Health announced a new Institutional Clinical and Translational Science Awards (CTSAs) program to finance research intended to turn laboratory findings into medical treatments. The new awards are part of a broader agency effort to energize the discipline of clinical and translational science at the academic health centers around the country.

The grants will encourage institutions to propose new approaches to clinical and translational research, including new organizational models and training programs at graduate and post-graduate levels. NIH plans to award four to seven CTSAs in FY06 for a total of \$30 million, with an additional \$11.5 million allocated to support 50 planning grants. The Request for Applications (available at www.ncrr.nih.gov) calls for submissions by March 27, 2006. For more information, see www.nih.gov/news/pr/oct2005/FactSheetCTSAclearance.pdf.

Federal Appeals Court Upholds Denial of DNA Patent

—excerpted from the *Chronicle of Higher Education*, Oct. 14, 2005

Academics and others worried that the proliferation of gene patents could inhibit scientific research received comforting news in September when a federal appeals court upheld the denial of a patent on a DNA sequence in corn genes to two scientists working for a division of the Monsanto Company. The U.S. Patent and Trademark Office had denied the patent. In the ruling upholding the patent office's decision, a three-judge panel of the U.S. Court of Appeals said it was following the office's 2001 guidelines, which said only gene sequences shown to have a real-world use were patentable.

Many scientists have relied on the 2001 guidelines and were relieved that they had survived a court challenge. "Reversing them would have been much more of a shock," says Arti K. Rai, a professor of law at Duke University and a patent expert.

Academic Grants at Issue

—excerpted from *Science*, Sept. 30, 2005

A House committee wants to know whether university scientists are misusing research funds from the National Institutes of Health (NIH). Representatives Joe Barton (R-TX) and Ed Whitfield (R-KY) of the Committee on Energy and Commerce asked the inspector general of the Department of Health and Human Services to examine how NIH grantees are spending their money. A second letter sought an investigation into overcompensation of graduate students at state universities following allegations of such practices at the University of California.

The congressional request follows a half-dozen settlements by universities in cases involving charges of misuse of federal funds over the last two years. Harvard, the Mayo Clinic, Cornell, and others have made payments ranging from \$2.4 million to \$6.5 million after charges of falsifying time accounting, diverting money from

one grant to another, and spending grant money on patient care. All settled with the Department of Justice without admitting wrongdoing. In August, the *Wall Street Journal* chronicled the Cornell case in a story, piquing the House Committee's interest.

NIH hasn't changed its oversight of grants because of the settlements and doesn't expect the probe to turn up much, says Norka Ruiz Bravo, NIH deputy director for extramural research: "We don't think we have a lot of problems."

NIH Sets Up National Stem-Cell Bank in Wisconsin

—excerpted from the *Chronicle of Higher Education*, Oct. 14, 2005

The National Institutes of Health has selected a research affiliate of the University of Wisconsin at Madison to run the federal government's national repository for human embryonic stem cells. The affiliate, the WiCell Research Institute, will sell batches of the cells for \$500 each, a 90% reduction in the price it and other suppliers have charged for the cells they own.

WiCell, an arm of the Wisconsin Alumni Research Foundation, will receive \$16.1 million in a four-year contract to establish the National Stem Cell Bank. The repository will distribute the cells to other researchers and sponsor the first detailed comparisons of the colonies, or lines, of such cells that federally financed researchers have been authorized by President Bush to study. There are 22 such lines in all, but for now, the institute has the right to distribute just half of those—five that it owns and six more owned by a Singapore company, ES Cell International. The institute plans to negotiate with owners of the other lines for the right to distribute them as well.

In addition, the bank will compare the lines' genetic and functional characteristics, like the conditions under which they differentiate into particular types of human tissue, information that will be essential to developing potential medical applications.

Communicating Chemistry

—excerpted from the *Chronicle of Higher Education*, Sept. 9, 2005

Future chemistry students will need to learn to communicate with people from diverse backgrounds and work in multidisciplinary teams, said scientists at a session held at the national meeting of the American Chemical Society. Speakers at the session argued that involving students from diverse backgrounds in research will help stem the loss of interest in the field. Scientists have worried for years about data showing that more students leave the science major every year as undergraduates, and few go on to graduate study.

Commercializing Research

—excerpted from the *Chronicle of Higher Education*, Oct. 7, 2005

In an attempt to make Oregon businesses more competitive, Gov. Ted Kulongoski has signed legislation letting Oregon Health and Sciences University and institutions in the Oregon University System establish venture-capital funds to develop more commercial applications for university research. The measure also calls for the state to establish at least one fund to promote such university business ventures. The governor, a Democrat, has signed a second bill creating the Oregon Innovation Council, an advisory panel on economic competitiveness that will include education, business, and government leaders.

National Academies Requests More Scholarships

—excerpted from the *Chronicle of Higher Education*, Oct. 21, 2005

A National Academies committee recently gave Congress a list of the 20 most urgently needed changes in federal support for research and education to help ensure that the U.S. economy and defense remain strong. The recommendations included 25,000 new, federally financed college scholarships in mathematics and

science, as well as a doubling of federal funds for basic research in the physical sciences.

Education Program Cuts Proposed to Pay for Hurricane Relief

—*excerpted from Education Week, Oct. 19, 2005*

Rep. John Boehner, R-Ohio, the chairman of the House Education and the Workforce Committee, proposed eliminating 14 Dept. of Education programs to free up federal money for hurricane relief for schools. The \$250 million in funding for the same programs was eliminated in the fiscal 2006 appropriations bill for the Education Dept that the House passed in June. A press release from Republicans on the House education panel called the programs, which range from literacy instruction for prisoners to arts in education, inefficient and duplicative.

“We have a responsibility to help those in need in the aftermath of two devastating hurricanes, but we also have a responsibility to cut unnecessary federal spending elsewhere to pay for it,” Rep. Boehner said in a statement. Though Mr. Boehner’s cuts would be significant, they would barely make a dent in the billions of dollars being proposed for hurricane-related school aid.

Congress has passed \$62 billion in general federal hurricane relief, but none of that money has been allocated specifically for schools. Though several lawmakers have proposed bills that would provide direct school aid, those bills hadn’t made much progress as of last week.

Rep. Boehner’s proposed elimination of programs includes the \$42 million Parental Information and Resource Centers, which help educate parents about their rights under the No Child Left Behind Act; the \$35.6 million Arts in Education program; and \$21.8 million in state grants for incarcerated youths.

Most of the programs proposed for elimination by Mr. Boehner are funded in the fiscal 2006 appropriations bill for education awaiting a vote by the full Senate.

A Plan to Close the Technology Gap

—*by Christopher Nordlinger; excerpted from the Chronicle of Philanthropy, Oct. 13, 2005*

It is no secret that high-technology centers in Austin, Boston, and Silicon Valley are the source of great wealth and job creation. The not-so-secret ingredient to all of these innovation and job-creation centers is an educated work force. The tragedy of the recent hurricanes should prompt a new effort, one that would bring together philanthropy, business, and government to improve math and science education in the nation’s elementary and secondary schools. Such an alliance could serve as a model for improving both the education and the income levels of all Americans while protecting our economic security. However, we have to first acknowledge a problem.

Imagine if engineers were in such short supply that American companies could no longer fill start-up companies with American-trained talent. Innovation would slow to a crawl, and the U.S. wouldn’t have a reservoir of technology talent to “innovate” our way past societal challenges. Smaller countries would surpass America’s self-exalted image as the world’s intellectual frontiersman in medical research such as stem-cell development. The nation would become as dependent on foreign technology workers to fuel our economy as it is on foreign oil—with even more devastating consequences.

The future is now. For the first time, foreign students looking for professional opportunities are staying home instead of coming to America. The Chinese and Indian governments are providing a huge supply of incentives to lure students to study science, technology, engineering, and math in their native countries. Adding insult to injury, American students continue to avoid science and math. The number of engineering doctorates granted by U.S. institutions fell 22% last year. In the easy flow of labor, capital, and information across national borders, this is a disturbing trend. Eventually, American personal incomes will fall as more and

more Americans are less prepared for the jobs created in the 21st century’s global economy.

With a small pool of skilled technology American workers and retiring baby-boomer technology workers, American companies may soon run out of American engineers and run short on job creators altogether. On the other hand, countries like India or China plan for the distant future. As a result, they have been training both the elite innovators and the everyday-knowledge work force.

Making the situation worse, since the 2001 terrorist attacks, many people overseas now find it harder to gain student visas to study engineering and other subjects in the U.S. As a result, last year foreign applications to American engineering doctoral programs fell 36%—with Chinese doctoral applications to such programs dropping a full 45%.

But philanthropy and business can jump-start a major effort to help turn things around. President Kennedy’s promise in 1963 to land a man on the moon by decade’s end spawned the space program. The computer revolution was a byproduct of research from that government investment. It brought the best of government, business, and academe together to drive our space success. In the mold of the Apollo program, it is up to business, particularly technology companies, to show leadership along with higher education and philanthropy.

Businesses should commit to a multi-year, billion-dollar annual campaign. The goal should be to double the number of graduates in math, science, engineering, and technology within 15 years, quadrupling them within 20 years. If the federal and state governments joined in with more substantial money, then this could become an Apollo program that not only provided for the nation’s economic future, but also had the side benefit of restoring health to the anachronistic public-education system. And as one engineering job generally creates three nonengineering jobs, job creation and innovative new technologies would result.

Included in this effort should be the creation of model curricula and teaching

methods. The effort would measure its success in part by ensuring that American students who currently lead the world in science and math scores in fourth grade no longer drop to 19th place by the time they are in 12th grade.

The donations made in the wake of Hurricane Katrina show that Americans can rally for one another in any crisis. The technology gap is a more quiet crisis, but also a more dangerous threat, one that can ultimately erode America's very economic viability, job creation, and innovative spirit. But business and philanthropy can lead the way by creating a new dawn for Katrina's survivors, and the rest of the nation.

Christopher Nordlinger, cnordlinger2000@yahoo.com, completed his Ph.D. in international economics from Tufts University while serving as a Fulbright scholar.

FUNDING OPPORTUNITIES

For more details about these programs, contact Joel Fritzler, ORDA Information Specialist, at 453-4530 or jcfritz@siu.edu.

SIUC: Graduate Technology Enhancement Grants

The SIUC Graduate Technology Surcharge Advisory Board is requesting proposals for projects that address the technology needs of graduate students on the campus. The Graduate Technology Enhancement Grant program was started in 2000 to improve available technology for students. The portion of the technology surcharge funds generated from graduate students is allocated to address graduate student needs. This surcharge from graduate students typically generates over \$40,000 per year.

Proposals will be accepted from faculty, A/P staff, and graduate students from any SIUC campus unit whose graduate technology fees are included in

this fund (i.e., all except for the School of Law and the School of Medicine—Springfield, whose graduate technology fees are maintained within those units).

Minimum requirements for proposals are: clear description of project and its goals; timeline and plan for implementation; assessment of impact; and a budget.

Criteria for selection of projects will include the quality of the proposed project and the breadth of the impact of the project on the overall graduate student population. Projects that include matching funds or leveraging of additional resources from within, or outside of, the University may receive priority.

For additional information about this program, see www.siu.edu/orda/internal/tech_enhance.html or contact John A. Koropchak, Vice Chancellor for Research and Graduate Dean, at 453-4551 or koropcha@siu.edu.

DEADLINE: Jan. 27

ORAU: Visiting Industrial Scholars Awards

ORAU's Visiting Industrial Scholar Program helps support visits by senior industrial scientists to ORAU member institutions. The primary goal of the program is to foster interactions between those scientists and faculty and students at the institution. The form of the interaction is left to the individual institution: seminars, lectures, cooperative project development, etc.

Awards, which are for \$600, are to be used for expenses related to the on-campus visit of an industrial scientist during the 2005-2006 academic year. Institutions customarily invite Ph.D./M.D.-level senior industrial scientists.

Only one award will be made per institution per academic year. If you intend to apply, submit a Notification of Intent to Apply form to ORDA as soon as possible. Forms are available on the ORDA web site (www.siu.edu/orda); see the Proposal Assistance page.

For more information, see www.orau.org/academic/financial/visiting.htm.

DEADLINE: Dec. 9

ORAU: Junior Faculty Awards

Oak Ridge Associated Universities (ORAU) offers the Ralph E. Powe Junior Faculty Enhancement Awards, which provide seed money to enrich the research and professional growth of young faculty and result in new funding opportunities.

Full-time assistant professors at ORAU member institutions (SIUC is a member) are eligible to apply if they are within two years of their initial tenure-track appointment (2/3/2004 through 2/3/2006).

The proposed research project must be in one of the following five disciplines:

- Engineering and Applied Science.
- Life Sciences.
- Mathematics/Computer Sciences.
- Physical Sciences.
- Policy, Management, or Education.

The award amount is \$5,000. The applicant's institution must match the award with at least an additional \$5,000.

Applicants are encouraged to develop research collaborations with governmental, private-sector, and other academic researchers. Substantive interdisciplinary research and inter-institutional research partnerships will increase chances for funding success. The Policy Committee particularly emphasizes interactions with the Oak Ridge National Laboratory because of its close working relationship with ORAU.

Applications must be submitted electronically. In 2005, 79 applications were received for this program and 26 awards were made. For more information, see www.orau.org/academic/financial/Powe.htm.

NOTE: This is a limited submissions program. Nominations are limited to two applications per member institution. If you intend to apply, submit a Notification of Intent to Apply form to ORDA no later than January 2. Forms are available on the ORDA web site (www.siu.edu/orda); see the Proposal Assistance page. If there are more than two potential applicants, we will notify applicants of the interim SIUC deadline for the proposal.

DEADLINES: SIUC—Jan. 2 (notification of intent to apply); ORAU—Feb. 3

State Department: Jefferson Science Fellows

The contribution of science, technology, and engineering to the formulation and implementation of U.S. domestic and foreign policy has been recognized as a critical element in reaching sound, comprehensive conclusions that reflect "good governance." The State Department's **Jefferson Science Fellows (JSF)** program was created in 2003 to help meet this need.

Tenured academic scientists and engineers from U.S. institutions of higher learning are eligible for selection to be fellows. Each fellow will spend one year at the State Department (DOS) for an on-site assignment in Washington that may also involve extended stays at U.S. foreign embassies or missions. All JSF assignments will be designed in consultation with regional and/or functional bureaus within the DOS. Following the fellowship year, the fellow will return to his or her academic career, but will remain available to the DOS for short-term projects over the following five years.

Eligible nominees and applicants will be evaluated using the following criteria:

- Ability to articulate science and technology issues to the nonspecialist/general public.
- Ability to rapidly and accurately understand scientific advancements outside their discipline area and to effectively integrate this knowledge into DOS policy discussions.
- Open-mindedness and receptive attitudes toward public policy discussions at the DOS.
- Stature, recognition and experience in the national and international scientific or engineering community.

Those individuals offered JSF awards must successfully complete and maintain security clearances required for them to undertake their duties within the DOS.

Fellows will receive \$50,000 stipends. The fellows' salary and benefits will continue to be paid by their academic institutions, which must complete an MOU with the DOS. For more information about this program, see www.nationalacademies.org/jsf.

DEADLINE: Dec. 1

American Philosophical Society: Franklin Grants

Since 1933 the APS has awarded small grants to scholars in order to support the cost of research leading to publication in **all areas of knowledge**. Its **Franklin Research Grants** program is designed to help meet the costs of travel to libraries and archives for research purposes; the purchase of microfilm, photocopies, or equivalent research materials; the costs associated with fieldwork; and laboratory research expenses.

Franklin grants are made for noncommercial research. Funding is offered up to a maximum of \$6,000 for use in calendar year 2006. Grants are payable to the individual applicant. In 2004 the program awarded \$350,000 to 85 scholars.

For additional information, see www.amphilsoc.org/grants/franklin.htm or contact Linda Musumeci, 215-440-3429 or LMusumeci@amphilsoc.org.

DEADLINE: Dec. 1

USGS: Water Supply and Availability

The U.S. Geological Survey, in cooperation with the National Institutes for Water Resources, is requesting proposals for matching grants to support research on the topics of water supply and water availability, which are issues of importance nationwide. Proposals are sought dealing with not only the physical dimensions of supply and demand, but also quality trends in raw water supplies, the role of economics and institutions in water supply and demand, institutional arrangements for tracking and reporting water supply and availability, and institutional arrangements for coping with extreme hydrologic conditions.

Proposals involving substantial collaboration between the USGS and university scientists are encouraged. Proposals may be for projects of one to three years in duration and may request up to \$250,000 in funds.

For more information about this program, see www.niwr.org.

DEADLINE: Feb. 10

NSF: Innovation and Organizational Change

The National Science Foundation's Innovation and Organizational Change (IOC) program seeks to create and apply fundamental new knowledge with the aim of improving the effectiveness of the design, administration, and management of organizations, including industrial, educational, service, government, nonprofit, and voluntary organizations. The program also seeks a better understanding of how teamwork, coordination, and institutional arrangements contribute to innovation. It encourages dissemination of knowledge gained from research to organizations and institutions that can implement reforms based on what has been learned.

For the February 2006 competition, proposals pertinent to effective organization and management of scientific efforts that involve shared technological resources, particularly cyberinfrastructure resources, will be of special interest.

The anticipated funding amount for this program for FY 2006 is \$1.5 million. The NSF expects to make approximately 5 to 15 IOC grants, typically from one to three years in duration. Funding for multi-year awards will be contingent upon acceptable progress in implementing program objectives, including monitoring and evaluation activities, and the availability of funds.

For more information about this program, see www.nsf.gov/pubs/2005/nsf05628/nsf05628.htm.

DEADLINE: Feb. 2

DOE: Innovative Energy Systems Challenge

The U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) is seeking proposals for cost-shared research, development, and demonstration of innovative energy systems that can be widely applied throughout the U.S. chemical industry. Energy systems, referred to in this announcement as the Energy Supply Chain, are defined as those technologies and systems, located on or near chemical

plants, that produce and/or transport electrical, thermal, or mechanical energy to the chemical process, and/or recycle waste energy streams resulting from the chemical process. The Energy Supply Chain in this announcement excludes the chemical process itself.

DOE is requesting applications for only those projects that do not duplicate development of technologies currently being funded elsewhere within DOE's Industrial Technologies and Distributed Energy Programs. For more information about this program, see www.eere.energy.gov/industry/financial/solicitations_active.html.

DEADLINE: Jan. 25

NIH: Dissemination and Implementation Research

This National Institutes of Health program is soliciting research grant applications that will identify, develop, and refine effective and efficient methods, structures, and strategies that test models to disseminate and implement research-tested health behavior change interventions and evidence-based prevention, early detection, diagnostic, treatment, and quality of life improvement services into public health and clinical practice settings.

Award amounts will vary depending upon the grant mechanism chosen, the duration and type of project, and other factors. For more information about this program, see grants.nih.gov/grants/guide/pa-files/PA-06-039.html.

DEADLINE: Dec. 26

American Joint Committee on Cancer: Staging Algorithms

The American Joint Committee on Cancer (AJCC) is seeking proposals for "Developing and Validating New Algorithms for Cancer Prognosis, Staging, and Predicting Response to Therapy" to develop and evaluate improved staging algorithms for specific cancer sites and types. Successful proposals will present new approaches and utilize data sets available to the applicant to test and validate

current or revised staging algorithms.

The research objectives include (1) defining alternative cancer staging algorithms which improve prognostic information for a cancer site or group of cancer sites using existing anatomic information as defined in the Collaborative Staging System, and (2) defining alternative cancer staging algorithms which improve prognostic information for a cancer site or group of cancer sites using existing anatomic elements as defined in the Collaborative Staging System, supplemented with modified anatomic information, additional anatomic information, or non-anatomic information.

Successful applicants will complete their work by July 2007. The results of these efforts will be used by the AJCC Disease Site Task Force groups in revising the AJCC Cancer Staging Manual.

For more information about this program, see www.cancerstaging.org/initiatives/rfp.html.

DEADLINE: Dec. 15 (letters of intent)

ED: Undergraduate International Studies and Foreign Language Program

The U.S. Dept. of Education's Undergraduate International Studies and Foreign Language Program will make grants to strengthen and improve undergraduate instruction in international studies and foreign languages. Awarded programs will enhance the international academic program of the institution. Eligible activities may include but are not limited to the following.

- Development of a global or **international studies** program that is interdisciplinary in design.
- Development of a program that focuses on issues or topics, such as **international business** or **international health**.
- Development of an area studies program and its corresponding **foreign languages**.
- Creation of innovative curricula that combine the teaching of international studies with professional and pre-professional studies, such as **engineering**.

- Research for and development of specialized teaching materials, including language instruction, i.e., business French.

- Establishment of internship opportunities for faculty and students in domestic and overseas settings.

It is expected that 25 awards will be made from an estimated program funding of \$1.9 million. The maximum award amount will be \$90,000. For more information, see www.ed.gov/programs/iegpsugisf/index.html.

DEADLINE: Nov. 17

USDA: Higher Education Challenge Grants

The U.S. Department of Agriculture is inviting applications for the Higher Education Challenge Grants Program. This program seeks to strengthen institutional capacities to improve teaching programs in the food and agricultural sciences or in rural economic, community and business development to respond to identified state, regional, national, or international educational needs.

Approximately \$5.5 million in FY 2006 funding is expected to be available for awards; cost-sharing of 100 percent is required. For more information about this program, see www.csrees.usda.gov/funding/rfas/hep_challenge.html.

DEADLINE: Feb. 2

National Endowment for Financial Education

The NEFE is a nonprofit foundation dedicated to the mission of helping Americans acquire the information and gain the skills necessary to take control of their financial lives. NEFE accomplishes its mission by partnering with other concerned organizations and individuals to provide financial education to the general public, young people, and underserved segments of society whose financial concerns are not being addressed by others or who have special needs.

All activities supported by NEFE are associated with specific organizational financial education initiatives. NEFE's

initiative-driven approach ensures that the foundation's resources are used appropriately to (1) benefit the greatest number of citizens throughout the general population, and (2) improve the welfare of specialized segments within the general public whose unique financial education and management needs are not being addressed through mainstream information, assistance, or distribution channels.

Previous awards have ranged from \$20,000 to \$137,538. The average grant is \$60,750, and the median grant is \$51,216.

For more information about this program, see www.nefe.org/pages/grantmaking.html or contact Marilyn Canfield at 303-224-3534.

DEADLINE: Feb. 7

GRANT DEADLINES

December 2005 and January 2006

Information on many of the following programs is available on the Community of Science (COS) and IRIS databases at www.siu.edu/orda. For links to the following programs, contact Joel Fritzler at jcfritz@siu.edu. The ORDA web site also has links to funding agency web sites and general government information sites. **Note:** Proposals with signatures should be submitted to ORDA **at least two working days** before they must be mailed to the agency.

December 2005

Federal

Agriculture

Dec 12 CSREES: Potato Research

Defense

Dec 16 Army: Enhanced Rotorcraft Drive Systems

EPA

Dec 15 Children's Environmental Health

Health and Human Services

- Dec 01 NHLBI: Hispanic Community Health Study—Field Centers
- Dec 05 NIH: Fellowships for Human Embryonic Stem Cell Research
- Dec 06 NCI: Cancer Genetics Network
- Dec 09 NCI: Quick-Trials for Imaging and Image-Guided Interventions: Exploratory Grants
- Dec 09 NCI: Quick-Trials for Novel Cancer Therapies: Exploratory Grants
- Dec 15 NIH: Support for Conferences and Scientific Meetings
- Dec 16 NIAID: Services for the Preclinical Development of Therapeutic Agents
- Dec 19 NIH: Pelvic Floor Disorders Network
- Dec 19 NIH: Underage Drinking: Building Health Care System Responses
- Dec 19 NIMH: Health Behavior Change in People with Mental Disorders Modeled from HIV Interventions
- Dec 19 NIH: Enhancing Practice Improvements in Community-Based Care for Prevention and Treatment of Drug Abuse or Co-occurring Drug Abuse and Mental Disorders
- Dec 20 NIMH: Antidepressant Treatment and Suicidality
- Dec 21 NIH: AIDS International Training and Research
- Dec 21 NIEHS: Outstanding New Environmental Scientist Award

Interior

- Dec 01 FWS: Neotropical Migratory Bird Conservation Act
- Dec 02 FWS: North American Wetlands Conservation Act: Small Grants

NASA

Dec 15 ROSES: North American Carbon Program

National Science Foundation

- Dec 01 Collaborative Research in Computational Neuroscience
- Dec 01 GEO: Geophysics; Hydrologic Sciences; Petrology and Geochemistry; Tectonics
- Dec 01 MPS: Computational Mathematics
- Dec 01 SBE: Physical Anthropology
- Dec 01 SBE: Senior Archaeology Awards
- Dec 02 MPS: Discovery Corps Fellowships
- Dec 11 HER: Evaluative Research and Evaluation Capacity Building, and Research on Learning and Education
- Dec 12 MPS: Partnerships for Research and Education in Materials
- Dec 14 CISE: Networking Technology and Systems
- Dec 15 CISE: Science and Engineering Information Integration and Informatics
- Dec 16 OPP: Arctic Research
- Dec 31 ENG: Industry/University Cooperative Research Centers

State

Dec 01 Jefferson Science Fellows

Transportation

Dec 30 Demonstration Projects and Technology Advancements Under the Next-Generation High-Speed Rail Program

Other

Allen Foundation

(Nutrition and Dietetics)
Dec 31 Research Grants

Alzheimer's Association

Dec 01 Research Grants

American Academy of Family Physicians

Dec 01 Research Grants

American Academy of Otolaryngic Allergy

Dec 15 Research Grants

American Association for Cancer Research

Dec 01 Research Grants

American Chemical Society

Dec 03 Petroleum Research, Summer Fellowships

American Geriatrics Society

Dec 08 Research Grants

American Head and Neck Society

Dec 15 Research Grants

American Institute for Yemeni Studies

Dec 31 General Fellowship Program

American Laryngological, Rhinological, and Otological Society

Dec 15 Research Grants

American Library Association

Dec 01 Research Grants

American Mathematical Society

Dec 01 Centennial Fellowships

American Medical Association Foundation

Dec 15 AMA Seed Grants for Research

American Osteopathic Association

Dec 01 Research Grants

American Rhinological Society

Dec 15 New Investigator Award

American Society for Gastrointestinal Endoscopy

Dec 16 Research Grants

American Society for Pediatric Otolaryngology

Dec 15 Research Grants

American Sociological Association

Dec 15 Funds for the Advancement of the Discipline

American Statistical Association

Dec 10 Research Grants

American Tinnitus Association

Dec 31 Research Grants

Anxiety Disorders Association

Dec 09 Junior Faculty Research Grants

Arthritis Society

Dec 01 Research Grants

Association of American Geographers

Dec 31 Research Grants

Concern Foundation

Dec 08 Conquer Cancer Now

Deafness Research Foundation

Dec 01 Research Grants

Dystonia Medical Research Foundation

Dec 30 Research Grants

FRAXA Research Foundation

(Fragile X Syndrome)

Dec 01 Postdoctoral Fellowships

Grass Foundation

Dec 15 Fellowships in Neuroscience

Huntington's Disease Society of America

Dec 15 Research Grants

International Association for Bear Research and Management

Dec 31 Grants

Joseph Kennedy Foundation

(Developmental Disabilities)

Dec 01 Grants

Leakey Foundation

(Human Origins)

Dec 15 Research Grants

McKnight Endowment Fund for Neuroscience

Dec 01 Technological Innovations in Neuroscience Awards

Muscular Dystrophy Association

Dec 15 Research Grants

National Academies/State Dept.

Dec 01 Jefferson Science Fellows

National Blood Foundation

Dec 13 Research Grants

National Headache Foundation

Dec 01 Research Grants

National Kidney Foundation

Dec 10 Research Grants

Dec 15 Council on Renal Nutrition Research

National Osteoporosis Foundation

Dec 01 Scholar's, Foundation, and Mazess Research Grants

Oak Ridge Associated Universities (ORAU)

Dec 09 Visiting Industrial Scholars Awards

Organic Farming Research Foundation

Dec 15 Grants

Prostate Cancer Foundation

Dec 03 Research Grants

Silberman Fund

(Social Work)

Dec 15 Grants

Society for the Study of Amphibians and Reptiles

Dec 31 Grants

Wenner-Gren Foundation for Anthropological Research

Dec 01 International Collaborative Research

West African Research Association

Dec 01 Postdoctoral Fellowship

White House Historical Association

Dec 01 Fellowships

January 2006**Federal****Defense**

Jan 24 Navy: National Oceanographic Partnership Program

Energy

Jan 11 Chemicals Industry of the Future
Jan 31 Inventions and Innovations Program

Health and Human Services

Jan 02 NIDCR: Research on Malignancies in AIDS and Acquired Immune Suppression
Jan 06 NIH: Human Pancreatic Islet Cell Resources
Jan 11 NIEHS: Interdisciplinary Partnerships in Environmental Health Services
Jan 12 NHLBI: Proteomic Studies of Platelet Functions
Jan 13 NIH: Global Research Training in Population Health
Jan 18 NIH: Biology of RNA Interference: Stability, Delivery and Processing by Tissues
Jan 19 NIH: Neuroscience Blueprint Interdisciplinary Center Core Grants
Jan 19 NICHD: Global Network for Women's and Children's Health Research
Jan 20 NIH: Anemia in the Elderly
Jan 20 NIH: Bioengineering Research Partnerships
Jan 21 NIH: International Research Collaboration—Basic Biomedical Research
Jan 25 NIMH: Intervention and Practice Research for Combat-Related Mental Disorders and Stress Reactions

Holocaust Memorial Museum

Jan 31 Summer Research Workshops

National Endowment for the Arts

Jan 09 Literature Fellowships for Translation Projects in Prose, Poetry, or Drama

National Science Foundation

Jan 06 NSF/DOE Partnership in Basic Plasma Science and Engineering
Jan 06 CISE: Computer Systems
Jan 09 BIO: Revisionary Syntheses in Systematics
Jan 09 BIO: Ecosystem Studies
Jan 12 BIO: Biochemistry of Gene Expression
Jan 12 BIO: Cluster for Biomolecular Systems
Jan 13 MPS: Analytical and Surface Chemistry
Jan 13 MPS: Inorganic, Bioinorganic, and Organometallic Chemistry
Jan 15 SBE: Perception, Action, and Cognition
Jan 15 SBE: Social Psychology
Jan 16 GEO: Geobiology and Environmental Geochemistry; Geomorphology and Land Use Dynamics; Sedimentary Geology and Paleobiology
Jan 26 MPS: Scientific Computing Research Environments for the Mathematical Sciences

Smithsonian Institution

Jan 15 Theorizing Cultural Heritage
Jan 15 Renwick Fellowship in American Craft
Jan 15 Roby Fellowship in 20th-Century American Realism
Jan 15 Douglass Foundation Fellowship in American Art
Jan 15 Tropical Research Institute: Various Fellowships

State of Illinois**Dept. of Public Health**

Jan 16 Alzheimer's Disease Research

Other**ALS Association**

Jan 02 Multi-Year Research Grants (1-3 Years) and One-Year Starter Awards

American Dental Hygienists' Association Institute for Oral Health

Jan 30 Research Grants

American Educational Research Assoc.

Jan 30 Research Grants

American Heart Association - Greater Midwest Affiliate

Jan 10 Grants-in-Aid
Jan 10 Scientist Development

American Psychiatric Association

Jan 03 Research Grants

American Psychological Foundation

Jan 25 Placek Small Research Grants

Arthritis National Research Foundation

Jan 16 Research Grants

Association for Institutional Research

Jan 15 Research Grants

Bader Foundation

(Alzheimer's Disease, Economic Development, Education, Jewish Studies, Youth Development)
Jan 30 Research Grants

International Reading Association

Jan 15 Research Grants

Juvenile Diabetes Research Foundation

Jan 15 Innovative Grants

Kress Foundation

(European Art)
Jan 15 Old Masters in Context

McKnight Foundation

(Neuroscience)
Jan 03 Scholar Awards

National Alliance of State Science and Mathematics Coalition

Jan 13 State Summits Implementation

RAND Corporation

Jan 16 Population Studies and the Study of Aging

Royal Geographical Society

Jan 25 Grants for Fieldwork

World Health Organization

Jan 15 Malaria Research Capability Strengthening in Africa

AWARDS PROCESSED

Externally funded grants and contracts processed during October 2005

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
Swine Research	G. Apgar	Animal Science, Food and Nutrition	Various Donors	\$3,600
Equine Recombinant LH Study - Ovulation	S. King	Animal Science, Food and Nutrition	AspenBio, Inc.	\$4,230
*Archaeological Survey of Mt. Vernon National Guard Facility	M. Wagner B. Butler	Archaeological Investigations Archaeological Investigations	Illinois National Guard	\$3,247
*Archaeological Surveys for the Illinois Department of Military Affairs	M. Wagner B. Butler	Archaeological Investigations Archaeological Investigations	IDMA	\$3,439
Center for Advanced Friction Studies - Industrial Sponsors	P. Filip	Center for Advanced Friction Studies	Various Donors	\$103,500
Toxicokinetics of Dietary Methyl Mercury in the American Kestrel and Its Effects on Reproduction	R. Halbrook	Cooperative Wildlife	USDI/USGS	\$21,109
Special Wildlife Studies - Federal	E. Hellgren	Cooperative Wildlife	USDI/USFWS	\$525
Vertebrate Ecology and Land Use	E. Hellgren	Cooperative Wildlife	Various Donors	\$1,000
Monitoring Avian Use in the Shawnee National Forest	E. Hellgren J. Nawrot	Cooperative Wildlife Cooperative Wildlife	USDA/USFS	\$12,000
Special Reclamation Projects	J. Nawrot	Cooperative Wildlife	Various Donors	\$10,177
Special Wildlife Studies	J. Nawrot	Cooperative Wildlife	IDNR	\$650
*Potential Habitat for Cougars in Midwestern North America	C. Nielsen	Cooperative Wildlife	Summerlee Foundation	\$10,000
*Illinois Aquaculture TechSERV	S. Kohler C. Kohler	Economic Development Fisheries Center	IDA	\$110,000
Illinois Aquaculture TechSERV	S. Kohler C. Kohler	Economic Development Fisheries Center	IDA	\$90,000

Title	Investigator(s)	Department(s)	Agency	Award
Ameren Energy Generating Company Newton and Coffeen Lakes Project	R. Brooks	Fisheries Center	AmerenCIPS	\$48,800
*Largemouth Bass Nutrition	C. Kohler	Fisheries Center	Michigan State U (USDA/NCRAC)	\$39,537
*Integrating Wildlife Techniques and Marketing Strategies for Ecotourism Development and Conservation in Panama	A. Carver E. Schauber C. Nielsen J. Mangun	Forestry Cooperative Wildlife Cooperative Wildlife Forestry	USDA/USFS	\$20,000
*Buffalo National River Visitor Use Assessment	M. Davenport	Forestry	USDI/NPS	\$25,548
Economic Geology Research	R. Fifarek	Geology	Various Donors	\$2,480
Geodynamics of the Lithosphere Using Potential-Field Variations	D. Ravat	Geology	NASA	\$50,000
ICCI Coal Research Program	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$2,411,158
Behavioral and Physiologic Pathobiology of Mice	L. Toth	Laboratory Animal Medicine	USDHHS/NIH/NCRR	\$215,160
Ulysses S. Grant Research	J. Simon	Library Affairs	Ulysses S. Grant Association	\$85,129
Strain Rate in Cyclic Loading Test Analysis	S. Yen	Materials Technology Center	Sparta, Inc. (USDOC)	\$7,200
*Abraxane, Avastin, and HKP on Tumor Growth and Breast Cancer Metastasis	S. Ran	Medical Microbiology and Immunology	American Bioscience	\$20,838
Insulin Signaling Gene Expression in Long-Lived Mice	A. Bartke	Medicine	USDHHS/NIH	\$268,033
Uranium Immobilization Through Fe(II) Biooxidation: A Column Study	L. Achenbach	Microbiology	U of California, Berkeley (USDOE)	\$55,009
Uranium Immobilization Through Fe(II) Biooxidation: A Column Study	L. Achenbach	Microbiology	U of California, Berkeley (USDOE)	\$56,525
Botanical Images	D. Nickrent	Plant Biology	Various Donors	\$701
Okadaic Acid Screening	D. Tindall	Plant Biology	PKC Pharmaceuticals	\$7,500
Nematology Research	J. Bond	Plant, Soil, & Ag Systems	Various Donors	\$20,830
Nursery Green Research	S. Chong	Plant, Soil, & Ag Systems	Various Donors	\$47

Title	Investigator(s)	Department(s)	Agency	Award
Root Zone Research	S. Chong	Plant, Soil, & Ag Systems	Various Donors	\$8,725
Turfgrass Investigations	K. Diesburg	Plant, Soil, & Ag Systems	National Turfgrass Federation	\$6,000
Identification of Novel Sources of Resistance to Ear Rot and Aflatoxin Accumulation in Corn	A. Fakhoury	Plant, Soil, & Ag Systems	USDA	\$15,000
*Uniform Fungicide Trial for Scab on Wheat in Illinois	A. Fakhoury	Plant, Soil, & Ag Systems	U of I (USDA)	\$2,927
*Illinois Department of Agriculture Ranking and Trigger Points Modeling Initiative	T. Harrison	Plant, Soil, & Ag Systems	IDA	\$55,000
Application of Biotechnology to the Control of Soybean Sudden Death Syndrome (SDS)	M. Iqbal	Plant, Soil, & Ag Systems	United Soybean Board	\$25,400
Application of Biotechnology to the Control of Soybean Sudden Death Syndrome (SDS)	D. Lightfoot	Plant, Soil, & Ag Systems	United Soybean Board	\$157,200
Application of Biotechnology to the Control of Soybean Sudden Death Syndrome (SDS)	K. Meksem	Plant, Soil, & Ag Systems	United Soybean Board	\$25,400
Biotechnology Support for the Soybean Center of Excellence for Research, Teaching, and Outreach	J. Russin	Plant, Soil, & Ag Systems	Illinois Soybean Program Operating Board	\$20,000
Soybean Sudden Death Syndrome Managed Research Area (MRA)	J. Russin M. Schmidt J. Bond	Plant, Soil, & Ag Systems Plant, Soil, & Ag Systems Plant, Soil, & Ag Systems	Illinois Soybean Program Operating Board	\$83,334
National Winter Canola Cultivar Development Program to Identify Adapted Canola Cultivars to Improve Efficiency and Grower Profitability	M. Schmidt	Plant, Soil, & Ag Systems	University of Idaho (USDA)	\$10,723
Soybean Breeding	M. Schmidt	Plant, Soil, & Ag Systems	Various Donors	\$14,800
Fruit Crops Research	B. Taylor	Plant, Soil, & Ag Systems	Various Donors	\$6,000
Sustainable Agriculture Research	B. Young	Plant, Soil, & Ag Systems	Various Donors	\$70,450
Longitudinal Study of Career Development	P. Rottinghaus	Psychology	National Career Assessment Services	\$10,000
*Role of Notch Signaling in Adipocyte Derived Stem Cells	C. Chambers	Surgery	Plastic Surgery Education Foundation	\$4,000

Title	Investigator(s)	Department(s)	Agency	Award
*PIVOTAL Study, Positive Impact of Endovascular Options for Aneurysms	K. Hodgson	Surgery	Medtronic	\$66,000
Investigating the Decline of Amphibian Populations	K. Lips	Zoology	Josephine Bay Paul & C. Michael Paul Foundation	\$33,555
Training Awards				
EMBA Program in Singapore	R. Rivers	Accountancy	Various Donors	\$935
Hong Kong EMBA	R. Rivers	Accountancy	Management Development Institute (Hong Kong)	\$95,329
Dragline Training	J. Mead	Coal Research Center	Various Donors	\$10,500
PROTEACH	B. Dixon	Curriculum and Instruction	Various Donors	\$52,765
Caregiver Training	K. Sanders T. Ford	Economic Development Economic Development	Various Donors	\$64
Graduate Assistantship - Union County Counseling Center	L. White	Educational Psychology and Special Education	UCCC	\$14,400
Foreign Language Teaching Experience	F. Betz	Foreign Languages and Literatures	Carbondale School District #95	\$50,760
Health Education Graduate Assistantships	D. Birch	Health Ed and Recreation	Southern Illinois Healthcare	\$33,526
Motorcycle Rider Program Registration	D. Ritzel M. Ashner	Health Ed and Recreation Health Ed and Recreation	Various Donors	\$17,676
Bilingual Education: Professional Development	J. Friedenber	Linguistics/CESL	USED	\$194,875
*Mathematics/Science Partnership with Southern Regional Offices of Education	K. Pericak-Spector	Mathematics	Regional Office of Education #02 (ISBE)	\$35,000
IYC - Harrisburg Clinical Psychology Program	S. Dollinger	Psychology	IDOCR	\$30,912
Generated Income - Region V RCEP	D. Adams	Rehabilitation Institute	Various Donors	\$2,475

Title	Investigator(s)	Department(s)	Agency	Award
Other Awards				
Dental Sealant Grant Program	F. Miller C. Lautar D. Summers	Allied Health Allied Health Allied Health	IDPH	\$2,250
Project Mouthguard	F. Miller C. Lautar D. Summers	Allied Health Allied Health Allied Health	IDPH	\$2,250
International Council for Archaeozoology Website Maintenance	H. Lapham	Archaeological Investigations	International Council for Archaeozoology	\$1,904
Airport Safety Data Collection Program	D. NewMyer	Aviation Management and Flight	GCR & Associates (FAA)	\$121,467
Southern Illinois Reading Service	C. Isberner	Broadcasting Service	Various Donors	\$1,587
Ready to Learn	E. Spezia	Broadcasting Service	Various Donors	\$5,250
WSIU-FM Community Service Grant	J. Williams R. Dillard	Broadcasting Service Broadcasting Service	Corporation for Public Broadcasting	\$32,812
*Saluki Kids' Academy National Youth Sports Program	J. Davis	College of Education and Human Services	National Youth Sports Program Fund (USDHHS)	\$50,000
Southern Illinois Manufacturing Extension Center Program Income	L. Lindberg	Economic Development	Various Donors	\$321,006
Southwestern Illinois Regional Occupant Protection Resource Center	D. Ritzel R. Walker	Health Ed and Recreation Health Ed and Recreation	IDOT (USDOT)	\$98,876
*Southern Illinois Music Festival	E. Benyas	Music	IAC (NEA)	\$10,000
<i>British Ecological Society Journal of Ecology</i> Editorship	D. Gibson	Plant Biology	British Ecological Society	\$5,875
Region V Rehabilitation Continuing Education Program (RRCEP)	D. Adams	Rehabilitation Institute	USED/RSA	\$551,000
EDC Non-DORS Client Services	D. Shelton	Rehabilitation Institute	Various Donors	\$9,975
Legal Services for Older Persons	M. Rudasill	School of Law	Egyptian Area Agency on Aging (USDHHS)	\$51,035
Mini-Grant Alcohol Enforcement Program (MAP)	T. Sigler	Security Office	IDOT	\$4,132

Title	Investigator(s)	Department(s)	Agency	Award
SBDC Generated Income	R. Russell	Small Business Development Center	Various Donors	\$4,198
SONOR at SIUC	J. Baker	Student Health Programs	IDOT	\$5,000
Core Analysis Grant Generated Income	C. Presley	Student Health Programs	Various Donors	\$62,725
*workNet	J. Washburn	Workforce Education	IDCEO (USDL)	\$902,543
Career and Technical Education Improvement Grant - Career and Technical Education Curriculum, Instruction, and Leadership	R. Woodhull J. Washburn	Workforce Education Workforce Education	ISBE (USED)	\$150,000
State Leadership - Career and Technical Education Curriculum, Instruction, and Leadership	R. Woodhull J. Washburn	Workforce Education Workforce Education	ISBE (USED)	\$475,000

*indicates new award

Awards Processed During October 2005 (87) \$7,730,588

Summary of Fiscal Year 2006 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2006 Awards as of October 2005		Fiscal Year 2005 Awards as of October 2004	
Research	(127)	\$13,772,721	(134)	\$10,127,005
Training	(28)	\$1,654,147	(33)	\$2,957,600
Other	(69)	\$14,864,263	(59)	\$8,156,743
Federal	(62)	\$12,135,858	(55)	\$9,099,635
State	(64)	\$10,041,785	(67)	\$7,087,108
Industry	(16)	\$675,420	(36)	\$1,223,034
Foundation	(13)	\$487,729	(14)	\$385,008
Other	(69)	\$6,950,339	(54)	\$3,446,564
TOTAL	(224)	\$30,291,131	(226)	\$21,241,348

ORDA DIRECTORY of ASSISTANCE

www.siu.edu/orda • Woody Hall C-206 • phone: 453-4540 • fax: 453-8038 • mailcode: 4709 • orda@siu.edu
Prudence M. Rice, Director, 453-4531, pmrice@siu.edu

FUNDING OPPORTUNITIES & RESEARCH MATTERS

- Joel Fritzler, 453-4530, jcfritz@siu.edu

PROPOSAL SUBMISSION & GRANT MANAGEMENT

(workshops, consultation on proposal writing and budget preparation, proposal review and submission, grant award negotiation, account set-up, time extensions, rebudgeting, etc.)

- **Education, Engineering:** Steve Banker, 453-4540, sbanker@siu.edu
- **Applied Sciences, Business, Continuing Education, Fisheries, Science, Wildlife:** Rex Duncan, 453-4542, rduncan@siu.edu
- **Affirmative Action, Economic Development, Liberal Arts, Library Affairs, Mass Communication and Media Arts:** Jo Nast, 453-4540, jonast@siu.edu
- **Agriculture, Graduate School, Law, Medicine, Student Affairs:** Joel Fritzler, 453-4530, jcfritz@siu.edu

CONTRACTS & SUBCONTRACTS, AUDITS

- Sonjie Schwartz, 453-4541, sonjie@siu.edu

UNDERGRADUATE RESEARCH PROGRAM

- Jo Nast, 453-4540, jonast@siu.edu, www.siu.edu/~reach

ORDA PUBLICATIONS & WEB SITE

- Marilyn Davis, 453-4540, mdavis@siu.edu
- See www.siu.edu/orda/reports for a list of print and electronic publications. A comprehensive **Sponsored Project Guide** is online at www.siu.edu/orda/guide.

TECHNOLOGY TRANSFER (PATENTS/COPYRIGHTS)

- Jeff Myers, 453-4556, jmyers@siu.edu

INTERNAL GRANT PROGRAMS

See www.siu.edu/orda/internal. Programs currently being offered are the Faculty Seed Grant Program, the Interdisciplinary Research Seed Grant Program, the Matching Funds Program, and the Travel Funds Program.

RESEARCH SUPPORT FACILITIES

The facilities provide services ranging from micro-imaging to equipment fabrication. See www.siu.edu/~ovcr/support.html.

HUMAN SUBJECTS RESEARCH COMPLIANCE

Advance institutional approval is required for all research projects involving human subjects. See www.siu.edu/orda/human, or contact the Human Subjects Committee secretary, 453-4533.

OTHER RESEARCH COMPLIANCES

Projects involving vertebrate animals or hazardous materials (including recombinant DNA) also require advance approval.

- **Institutional Animal Care and Use Committee:** see www.siu.edu/~iacuc or contact the committee secretary at 453-4533.
- **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: Joel Fritzler, MC 4709, 453-4530 or jcfritz@siu.edu.
Research Matters is on ORDA's web site at www.siu.edu/ordalrm.

