



# RESEARCH MATTERS

Editor: Joel Fritzler ♦ Office of Research Development and Administration ♦ [www.siu.edu/orda](http://www.siu.edu/orda)

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## OF SPECIAL NOTE

### Reminder: Faculty Seed Grants Deadline Is Coming Up

Full-time SIUC faculty members on continuing appointment may apply to the *Faculty Seed Grant* program. Seed grants, which are competitive, peer-reviewed awards, are intended to fund a variety of research, scholarly, and creative activities in order to allow faculty to better compete for external funding. They enable faculty to run a pilot study, analyze preliminary data, do background research on an issue, complete a key stage in a larger scientific, scholarly, or artistic project, or otherwise lay the groundwork for an externally funded project.

New faculty, as well as established faculty substantially changing the focus of their research, scholarly, or creative activities, are eligible to apply for this program.

For information about the program, see [www.siu.edu/orda/internal/seed\\_grants.html](http://www.siu.edu/orda/internal/seed_grants.html). FY06 application packets are available at that address and have also been distributed to academic departments. The deadline for the FY06 competition is **Monday, November 14**.

### Surplus Research Property Exchange Planned

To assist research endeavors on campus, a new page is being set up on ORDA's web site listing surplus research property available for the claiming. If you have surplus instrumentation or other "retired" equipment that may still be useful to your fellow researchers, send Marilyn Davis an e-mail at [mdavis@siu.edu](mailto:mdavis@siu.edu). Give a brief description of the equipment or instrument, along with your name, department, e-mail address, and phone number. The available items will be listed on a new page, [www.siu.edu/orda/general/surplus.html](http://www.siu.edu/orda/general/surplus.html), linked from ORDA's "Centers and Resources" menu page.

Parties interested in a surplus item should contact the donating researcher, not ORDA, to work out details. Recipients of surplus property will need to contact Fixed Asset Accounting at Accounting Services, 536-2251, to get the property transferred to their inventory.

### Intellectual Property Seminar Scheduled

SouthernTECH is sponsoring "*Intellectual Property – Protecting Your Ideas with Patents & Trademarks*," a seminar to be held on Friday, October 14, from noon to 1:30 p.m. at the Dunn-Richmond Economic Development Center. In combination with the October 27 SouthernTECH seminar focusing on intellectual property commercialization strategies (see page 2), this seminar is an excellent primer for anyone contemplating, or in the process of pursuing, the development of intellectual property.

The seminar will be presented by Kathryn Doty, an attorney in the Intellectual Property Group of the Business Law Department at Polsinelli, Shalton, Welte, and

Suelthaus's St. Louis office. Ms. Doty's practice primarily involves the preparation and prosecution of biochemical, biotechnology, chemical, and pharmaceutical patents in the United States and worldwide.

A free box lunch is available to registered attendees. Seating is limited, so please **RSVP by contacting Tracy Rone at 453-3804 or [tdrone@siu.edu](mailto:tdrone@siu.edu)**. For additional information, see [www.southerntech.org](http://www.southerntech.org).

### Financing Technology Development Seminar Scheduled

SouthernTECH is sponsoring "*Financing Technology Development & Commercialization*," a seminar to be held Thursday, Oct. 27, from noon to 1:30 p.m. at the Dunn-Richmond Economic Development Center. This seminar will provide an overview of several funding approaches, including federal R&D grants, strategic partnering, angel and venture capital, and out-licensing.

The seminar will be presented by Wayne Harvey, the Interim State Program Manager for the MoFAST SBIR/STTR Assistance Program in St. Louis.

A free box lunch is available to registered attendees. Seating is limited, so please **RSVP by contacting Tracy Rone at 453-3804 or [tdrone@siu.edu](mailto:tdrone@siu.edu)**. For more information, see [www.southerntech.org](http://www.southerntech.org).

### Reminder: Grant-Writing Workshop for Grad Students

The fall semester Grant-Writing Workshop for Graduate Students will be held on **Friday, October 21, 2:30-4:00 p.m.**, in Lawson 151. The workshop will discuss the process of identifying appropriate funding sources and applying for grants and fellowships. Interested students should **reserve a seat by contacting Jo Nast at [jonast@siu.edu](mailto:jonast@siu.edu) or 453-4538**.

### Reminder: Workshop on Undergrad Research Grants

A workshop about the Undergraduate Research/Creative Activity Award Program, including tips for preparing a successful application, will be held on **Thursday, October 13, 2:00-3:30 p.m.**, in Woody Hall C-227. Because seating is limited, interested undergraduates should **reserve a seat by contacting Jo Nast at [jonast@siu.edu](mailto:jonast@siu.edu) or 453-4538**.

The next application deadline for this competitive program is January 26, 2006. To learn more about the program, including listings of past projects, see [www.siu.edu/~reach](http://www.siu.edu/~reach).

### Last Year for IRIS

Currently, ORDA subscribes to two databases that SIUC faculty and staff may use to seek out funding opportunities: **Community of Science (COS)** and the **Illinois Researcher Information Service (IRIS)**. Since there are many similarities in these two databases, and due to budgetary needs, it has been decided to discontinue the IRIS subscription after this fiscal year (June 2006) and use COS as our primary source for grant information.

Researchers who have been using IRIS exclusively should set up a profile on COS and sign up for customized funding alerts. Another source of information about grant opportunities (besides this newsletter) is the set of **External Funding Sources** pages on ORDA's web site, [www.siu.edu/orda](http://www.siu.edu/orda).

### Clarification on SIU Foundation Contacts

The September issue of *Research Matters* had an article about the revised listing of foundation links for external funding on ORDA's web site ([www.siu.edu/orda/external/foundation.html](http://www.siu.edu/orda/external/foundation.html)). The article noted that faculty interested in approaching a foundation for research support should first contact the SIU Foundation if the organization does not offer specific grant programs. (Foundations that do not issue Requests for Proposals typically

expect a university to coordinate its funding requests through a single office.) Our article listed Mike Murray, Director of Corporate Relations, as the contact person at the SIU Foundation; however, we have learned that faculty may also contact Carolyn Snyder, Director of Foundation Relations, 453-1447, for guidance and assistance.

## RESEARCH DIGEST

### Financial Anatomy of Biomedical Research

—*excerpted from JAMA, Sept. 21, 2005*

Public and private financial support of biomedical research have increased over the past decade. Few comprehensive analyses of the sources and uses of funds are available. This results in inadequate information on which to base investment decisions because not all sources allow equal latitude to explore hypotheses having scientific or clinical importance and creates a barrier to judging the value of research to society.

**Biomedical research funding increased from \$37.1 billion in 1994 to \$94.3 billion in 2003** and doubled when adjusted for inflation. Principal research sponsors in 2003 were industry (57%) and the National Institutes of Health (28%). Relative proportions from all public and private sources did not change. Industry sponsorship of clinical trials increased from \$4.0 to \$14.2 billion (in real terms) while federal proportions devoted to basic and applied research were unchanged. The U.S. spent an estimated 5.6% of its total health expenditures on biomedical research, more than any other country, but less than 0.1% for health services research. From an economic perspective, biotechnology and medical device companies were most productive, as measured by new diagnostic and therapeutic devices per dollar of research and development cost. Productivity declined for new pharmaceuticals.

Enhancing research productivity and evaluation of benefit are pressing challenges, requiring (1) more effective translation of basic scientific knowledge to clinical application; (2) critical appraisal of rapidly moving scientific areas to guide investment where clinical need is greatest, not only where commercial opportunity is currently perceived; and (3) more specific information about sources and uses of research funds than is generally available to allow informed investment decisions. Responsibility falls on industry, government, and foundations to bring these changes about with a longer-term view of research value.

The doubling over a decade of total spending by U.S. public and private research sponsors in real, inflation-adjusted terms should be reassuring to those who fear that financial sponsorship for research is not paralleling scientific opportunity. It is also reassuring that spending on health and biomedical science research by companies and government is not following reductions in research and development in other industries or reduced support for other areas of science. By comparison, the low proportion of spending on health services research is especially notable because it is the main tool available to evaluate the clinical benefit of technology.

However, the growth in total spending obscures some changes in how that money is spent. Although the proportions of basic and applied federal spending have remained constant, pharmaceutical companies have increasingly emphasized clinical trials. In part, this reflects the growing length and complexity of the trials process, as well as other factors that have increased companies' research costs. In contrast, medical device companies are spending more on relevant biological, materials, and electronics research while also conducting more involved trials.

Currently, most research sponsors strongly favor support of investigators and programs, rather than buildings, laboratory instrumentation, clinical databases, and other research infrastructure. This is a growing problem for teaching hospitals and universities, which must rely on endowments and gifts for those investments.

Changes in clinical reimbursement and other pressures on operating margins in academic medical centers limit the amount of cross-subsidy available for research. The analysis indicates that this subsidy was 17% of academic medical centers' research funding in 2003, which is midway between the 6% and 28% reported by others using different data sources in 1996 and 1999, respectively.

There is also evidence that state and local government funding of programs will become more important, even in traditionally private universities. Similarly, universities have limited ability to support promising activities, such as investigators who are striking out in unexplored directions, changing focus, or involving colleagues from other scientific fields. As these are unlikely to initially win NIH or industry funding, university funds and foundation support will be important to sustain them. The many small family foundations and disease charities are also a growing and important source of such funding.

The full JAMA article can be accessed free of charge from SIU computers at <http://jama.ama-assn.org/cgi/content/full/294/11/1333>.

### **NIH Issues Rules on Intramural Conflict of Interest**

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

NIH's final rules to manage conflicts of interest among its staff scientists took effect on August 30. The final rules are looser than those released on an interim basis in February, and which were widely criticized. A summary is available at [www.nih.gov/about/ethics\\_COI.htm](http://www.nih.gov/about/ethics_COI.htm).

The agency's director said the final version was deliberately revised and clarified in part to preserve the in-house researchers' freedom to collaborate with colleagues in academe. For example, NIH scientists may accept compensation for presenting a single lecture at a university, which was not explicitly allowed under the interim rules.

The release followed nearly two years of scrutiny by Congress and reporters after news that some NIH senior scientists had received hundreds of thousands of dollars from pharmaceutical companies for consulting work related to their official duties. In addition, senior officials with oversight over NIH grants had been awarded cash prizes by universities that had received significant grant money from the agency.

NIH responded in February by announcing new restrictions requiring senior NIH officials to divest themselves of all stock holdings in pharmaceutical and biotechnology companies, and limiting how much stock in such companies all other employees could own. Critics said the interim rules would hurt the agency's ability to recruit and retain talented scientists and might chill interactions between NIH and academic scientists. The final rules retreated from those restrictions but left in place a ban on NIH employees' consulting or working for those companies or for academic institutions that receive grants from the agency, with some exceptions.

### **Federal Priorities Set for Education Research**

—*excerpted from Education Week, Sept. 14, 2005*

In September, a national advisory board signed off on broad guidelines to help the U.S. Department of Education (DoED) decide what kinds of new studies and other research projects it should commission. The new priorities will apply specifically to the Institute of Education Sciences, which is the DoED's primary research arm. The institute is overseeing an estimated \$575 million in projects.

Overall, the priorities set four long-term goals for the research agency:

- Studying education interventions that promote students' academic learning and that can be widely deployed.
- Finding out what programs or policies do not work in education and which might not be cost-effective.

- Funding more basic research on the reasons that education programs, policies, and practices work in some places but not others.

- Developing systems for delivering research on which policymakers, educators, and the public will come to rely.

In response to letters from advocates and national research groups, the final priorities were amended to include studies that more directly address the needs of students with disabilities, research that explores why program effects vary from place to place, and studies on parents' roles in their children's learning. Some of the letters came from national groups who said the draft priorities focused too narrowly on studying learning in reading, writing, mathematics, and science when research was needed in other disciplines, such as civics and history, too.

In response, the institute's director said the language was changed to encourage research on reading and writing within a wider range of disciplines while the document's overall focus on what it defines as the four core academic subjects remained intact.

### Research Needed on Student Aid

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

Research is scarce on the effectiveness of federal student-aid and tax benefits in expanding access to college and encouraging students to graduate, says a July 2005 report from the Government Accountability Office.

The lack of effective data makes it hard for members of Congress to assess the best ways to help students and families pay for college, the report says. The study comes as members of the Senate Finance Committee review ideas for changing the federal tax code to generate more revenue. Among the proposals is one that would combine the Hope and the Lifetime Learning tuition tax credits.

In its study, the GAO, which is the investigative arm of Congress, reviewed the need-based grant and loan programs

that are authorized under Title IV of the Higher Education Act and the various federal tuition tax benefits. Those include the Hope and Lifetime Learning programs, which allow students or their parents to claim a credit against the taxes they otherwise would owe.

U.S. Department of Education officials have said they are creating a postsecondary-research center to conduct more studies about how well federal student-aid programs work, but the report says the research so far is limited. The department, for instance, has failed to gather information about people who do not attend college, or to examine why they have not used the aid programs.

The report, "**Student Aid and Postsecondary Tax Preferences,**" is available at [www.gao.gov](http://www.gao.gov).

### NSF Redefines "Research Center"

—*excerpted from the Chronicle of Higher Education, Sept. 2, 2005*

After some members of its governing board complained that the National Science Foundation supports too many research centers, the agency decided to redefine what counts as one. Among the criteria in the new definition is that research centers must study large, complex, interdisciplinary topics that cannot be resolved by individual investigators working alone. They also must receive at least \$2 million annually in NSF support. The new definition will reduce from about 300 to 200 the number of centers that the NSF says it supports. That, in turn, will reduce the percentage of the agency's budget listed as flowing to centers, estimated this fiscal year at \$350 million, or about 7 percent.

But the change is essentially semantic and will have little impact on the NSF's bottom line. Other university projects previously counted as centers will continue to receive NSF funds as promised. And the recipients themselves may continue to call those projects "centers," says Nathaniel G. Pitts, the agency's director of integrative activities.

### NIH Gives Less to Women

—*excerpted from the Chronicle of Higher Education, Sept. 23, 2005*

The National Institutes of Health gives significantly more grants to men than to women, according to a new report released by the RAND Corporation.

The report says that female applicants for NIH grants in 2001-03 received on average only 63 percent of the money that male applicants received. One-third of the disparity is explained by the underrepresentation of women among the top 1 percent of NIH grant recipients. Nevertheless, when the report's authors eliminated those very large awards and also controlled for age, academic degree, institution, grant type, institute, and year, women still received only 85 percent of what men got.

The report calls on federal agencies to better track gender differences in the grants they award by maintaining a data system that stores information on all grant applications and investigators.

## FUNDING OPPORTUNITIES

For more details about these programs, contact Joel Fritzler, ORDA Information Specialist, at 453-4530 or [jcfritz@siu.edu](mailto:jcfritz@siu.edu).

### SIUC: Interdisciplinary Research Seed Grants

This new, competitive, peer-reviewed program provides initial support for new, long-term programs of collaborative interdisciplinary research that will have strong potential to attract external funding. Proposals should involve multiple colleges, centers, and/or SIU campuses. Proposals from existing interdisciplinary programs or centers must represent new initiatives and target external funding opportunities that existing programs cannot access.

Applicants must be full-time faculty members on continuing appointment who

have not received funding through the Faculty Seed Grant Program within the last 24 months. Staff at the rank of Scientist or Researcher can be a co-principal investigator (co-PI), but not the lead PI.

**For FY2006, grants are being made in five priority areas:**

- materials research;
- biotechnology (including human health and nutrition);
- neuroscience/cognitive science;
- energy and the environment; and
- Delta Region studies.

**Only one award will be made in any of the targeted areas, with a maximum of five awards in any review cycle.**

Grants provide up to \$30,000 per year for up to two years (\$60,000 maximum). Budget items may include equipment, commodities, contractual services, travel, graduate assistantship (one per year), and student worker wages. Summer salary for principal investigators may be requested up to a **total** of \$7,000 per year (note: this is a total, not per PI).

Proposals for this program will be reviewed by one or more ad hoc advisory committees selected by the Vice Chancellor for Research and Associate Vice Chancellor for Research. External reviews may be solicited.

Awardees must submit a proposal related to their interdisciplinary seed grant topic to an external funding source no more than 6 months after the award period ends.

The application package, which has more information, is available at [www.siu.edu/orda/internal/interdisc\\_seed.html](http://www.siu.edu/orda/internal/interdisc_seed.html).

**DEADLINE:** Oct. 31

### **American Council of Learned Societies: Digital Innovation**

The ACLS is inviting applications for funding under the **Digital Innovation Fellowships** program to support digitally based research projects in all disciplines of the humanities and humanities-related social sciences. Fellowships are intended to support an academic year dedicated to work on major scholarly projects such as

digital research archives, new media representations of extant data, innovative databases, and digital tools that further humanistic research.

Up to five fellowship awards are anticipated. Awards carry a stipend of up to \$55,000 towards an academic year's leave and provide for project costs of up to \$25,000. Applicants who are U.S. citizens or permanent residents must have a doctoral degree conferred prior to the application deadline.

For more information about this program, go to [www.acls.org/difguide.htm](http://www.acls.org/difguide.htm).

**DEADLINE:** Nov. 10

### **U.S. Supreme Court: Judicial Fellows Program**

The Supreme Court's Judicial Fellows Commission is seeking outstanding individuals from diverse professions and academic backgrounds, including **law, the social and behavioral sciences, public and business administration, systems research and analysis, communications, and the humanities**, who are interested in working in the District of Columbia within the federal judiciary. Fellows spend one calendar year at the Supreme Court, the Federal Judicial Center, the Administrative Office of the United States Courts, or the United States Sentencing Commission working on various projects concerning the federal court system and the administration of justice.

For more information about this program, see [www.fellows.supremecourtus.gov/index.html](http://www.fellows.supremecourtus.gov/index.html).

**DEADLINE:** Nov. 10

### **NIH: Small Grants for Cancer Prevention Research**

The National Cancer Institute will make small grants for **developmental research in chemoprevention agent development, biomarkers, early detection, and nutrition science**. The Small Grants Program is designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of research expertise in cancer prevention

research. New and experienced investigators in relevant fields and disciplines may apply for small grants to test ideas or do pilot studies.

The total budget may not exceed \$100,000 in direct costs for the entire project. The direct costs in any one year must not exceed \$50,000. It is anticipated that these small grants may lead to the submission of subsequent individual research project grants.

For more information about this program, see <http://grants1.nih.gov/grants/guide/notice-files/NOT-CA-05-019.html>.

**DEADLINE:** Nov. 21

### **AMA Foundation: Seed Grants**

The American Medical Association Foundation is inviting applications for its **2006 Seed Grant Research Program** to support small projects by medical students, residents, and fellows from accredited U.S. institutions. Grants ranging from \$1,500 to \$2,500 will be awarded in six research categories: (1) arthritis/rheumatism, (2) cardiovascular/pulmonary diseases, (3) HIV/AIDS, (4) leukemia, (5) neoplastic diseases, and (6) neurological disorders. Awards are intended to round out new project budgets, rather than sustain current initiatives, and cannot be used for salaries or stipends.

For more information about this program, see [www.ama-assn.org/ama/pub/category/7785.html](http://www.ama-assn.org/ama/pub/category/7785.html).

**DEADLINE:** Dec. 15

### **NIH: Antidepressant Treatment and Suicidality**

The National Institute of Mental Health is requesting applications for research to study the relationship between use of antidepressant medications, especially the selective serotonin reuptake inhibitors (SSRIs), and suicidality (including suicidal ideation, suicide attempts, and suicide deaths). This RFA is designed to encourage innovative, multidisciplinary, multi-method efforts to explore the pharmacological, psycho-

logical, and social mechanisms that potentially put some individuals at greater risk for suicidality when prescribed antidepressants.

It is estimated that 4 to 6 awards will be made from an anticipated funding amount of \$1.5 million. For more information about this program, see <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-06-001.html>.

**DEADLINES:** Letters of Intent (not required)—Nov. 21; Applications—Dec. 20

### EPA: Environmental Education

The U.S. Environmental Protection Agency is soliciting proposals to support environmental education projects that promote environmental stewardship and help develop aware and responsible students, teachers, and citizens. This grant program provides financial support for projects which design, demonstrate, or disseminate environmental education practices, methods, or techniques.

It is estimated that 150 awards will be made from an anticipated funding amount of \$3 million. Most of those grants will be in the \$10,000 to \$15,000 range. Proposals for regional grants over \$50,000 will not be considered.

For more information about this program, see [www.epa.gov/enviroed/grants\\_sol2006.html](http://www.epa.gov/enviroed/grants_sol2006.html).

**DEADLINE:** Nov. 23

### EPA: Ecology and Oceanography of Harmful Algal Blooms

The U.S. Environmental Protection Agency, as part of its Science to Achieve Results (STAR) program, and its inter-agency partners, NOAA, NASA, and the Office of Naval Research, are seeking applications proposing targeted research projects of up to three years' duration and, depending on appropriations, multi-disciplinary regional studies for three to five years' duration for the Ecology and Oceanography of Harmful Algal Blooms (ECOHAB) program. ECOHAB provides

support for research on algal species whose populations may cause or result in deleterious effects on ecosystems and human health. Studies of the causes of such blooms, their detection, effects, mitigation, and control in U.S. coastal waters (including estuaries and Great Lakes) are solicited.

It is estimated that 15 to 20 awards will be made from an anticipated funding amount of \$7 to 10 million. For more information about this program, see [http://es.epa.gov/ncer/rfa/2005/2005\\_ecohab.html](http://es.epa.gov/ncer/rfa/2005/2005_ecohab.html).

**DEADLINE:** Jan. 10

### DOE: Basic Research for Chemical Imaging

The U.S. Department of Energy's Office of Science is seeking proposals for basic research needed to advance chemical imaging. DOE is interested in forefront advances of imaging techniques with spatial resolution on the molecular scale that are relevant to the basic science of chemical and physical transformations. Of particular interest are applications that combine molecular-scale spatial resolution and ultrafast temporal resolution to explore energy flow, molecular dynamics, breakage or formation of chemical bonds, or conformational changes in nanoscale systems.

Proposed research must advance the scientific objectives within one of the following nine core research areas: Atomic, Molecular, and Optical Sciences; Chemical Physics; Photochemistry and Radiation Research; Catalysis and Chemical Transformations; Separations and Analysis; Heavy Element Chemistry; Chemical Energy and Chemical Engineering; Geosciences Research; and Energy Biosciences Research. More detailed descriptions of these core research areas can be found at [www.science.doe.gov/bes/brochures/CRA.html](http://www.science.doe.gov/bes/brochures/CRA.html).

For more information about this program, see [www.science.doe.gov/grants/FAPN05-30.html](http://www.science.doe.gov/grants/FAPN05-30.html).

**DEADLINE:** March 15

## GRANT DEADLINES

November and December 2005

Information on many of the following programs is available on the Community of Science (COS) and IRIS databases at [www.siu.edu/orda](http://www.siu.edu/orda). For links to the following programs, contact Joel Fritzler at [jcfritz@siu.edu](mailto: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.

### November 2005

#### Federal

##### Commerce

- Nov 15 NOAA: General Coral Reef Conservation
- Nov 18 NOAA: Hydrologic Research

##### Defense

- Nov 03 Navy: Bioengineering for Compact, Sustainable Power
- Nov 03 Navy: Dynamic, Adaptive Techniques for Adversary Behavior Modeling
- Nov 03 Navy: Structural Iron-Based Alloys with High Magnetostriction

##### Education

- Nov 03 IES: Teacher Quality Research: Reading and Writing Education
- Nov 03 IES: Mathematics and Science Education Research
- Nov 03 IES: Research on High School Reform
- Nov 17 IES: Special Education Research (various programs)

##### Energy

- Nov 01 Heavy Ion Nuclear Physics
- Nov 15 Advanced Detector Research
- Nov 15 High Energy Physics—Outstanding Junior Investigator Awards

**EPA**

Nov 15 Environmental Education

**Health and Human Services**

Nov 01 NIAID: Development of a Trivalent Recombinant Botulinum Vaccine

Nov 01 NIDDK: Type 1 Diabetes—Rapid Access to Intervention Development

Nov 02 HRSA: Transition Services in Adolescent Health

Nov 04 CDC: Novel Genotyping Procedures for *Mycobacterium tuberculosis*

Nov 04 NCI: Methods for the Purification of Membrane Proteins and Macromolecular Complexes

Nov 04 NCI: Plant Genomic Models for Establishing Physiological Relevance of Bioactive Components as Cancer Protectants

Nov 04 NCI: Metabolomics for Early Cancer Detection

Nov 04 NHLBI: Simultaneous Assessment of Physical Activity and Sleep

Nov 04 NIH: Families as Research Partners

Nov 10 NIH: Centers of Excellence in Genomic Science

Nov 14 NIAID: Centers for Children's Environmental Health and Disease Prevention Research

Nov 14 NIDCR: Development and Validation of Technologies for Saliva-Based Diagnostics

Nov 15 NIAID: HIV Vaccine Research and Design

Nov 15 NIDCD: Small Grant Program

Nov 15 NIH: Neurophysiological Studies of Electrical Stimulation for the Vestibular Nerve

Nov 15 NIH: The Adipogenic Phenotype in Aging Musculoskeletal Tissues

Nov 16 NIDDK: Coordinating and Bioinformatics Unit for the Mouse Metabolic Phenotyping Centers and Animal Models of Diabetic Complications Consortium

Nov 16 NIH: Mouse Metabolic Phenotyping Centers Consortium

**HHS cont.**

Nov 17 NIDCR: Role of Neuronal/Glial Cell Interactions in Orofacial Pain Disorders

Nov 18 NIH: Collaborative Research on Mental and Neurological Disorders

Nov 18 NIH: Animal Models of Diabetic Complications Consortium

Nov 21 NCI: Small Grants for Cancer Epidemiology

Nov 22 NIDCD: Translational Research

Nov 22 NIAID: Innate Immunity to Category B Protozoa

Nov 22 NIH: Completion of a Comprehensive Mouse Knockout Resource

Nov 22 NIH: Development and Improvement of Inbred ES Cell Lines for Use in Generation of Mouse Mutants

Nov 23 NICHD: Development Infrastructure for Population Research

Nov 24 AHRQ: Small Research Grants

**Holocaust Memorial Museum**

Nov 26 Various Programs

**Interior**

Nov 18 USGS: Educational Component of the National Cooperative Geologic Mapping Program

**Justice**

Nov 01 OJP: Data Resources Program: Funding for the Analysis of Existing Data

**NASA**

Nov 16 Terrestrial Hydrology

**National Endowment for the Humanities**

Nov 01 Collaborative Research

Nov 01 Scholarly Editions Grants

Nov 01 Challenge Grants

Nov 03 Television Projects: Planning and Scripting Grants; Production Grants

Nov 07 Landmarks of American History: Ben Franklin in Philadelphia

**National Science Foundation**

Nov 01 BIO: Plant Genome Research

Nov 01 MPS: Applied Mathematics; Statistics; Geometric Analysis; Probability; Topology

Nov 01 MPS: Advanced Technologies and Instrumentation

Nov 04 CISE: Next Generation Software Program

Nov 04 MSP: Ceramics; Condensed Matter Physics; Electronic Material; Polymers; Solid-State Chemistry; Materials Theory; Metals

Nov 11 CISE: Computer Systems Research

Nov 14 MPS: Collaborative Research in Chemistry

Nov 15 GEO: Continental Dynamics

Nov 17 GEO: Geoscience Education

Nov 29 Active Nanostructures and Nanosystems

Nov 29 Bioengineering and Bioinformatics Summer Institutes Program

**Supreme Court**

Nov 10 Judicial Fellows Program

**State of Illinois****Agriculture**

Nov 04 Fertilizer Research and Education

**Illinois Corn Marketing Board**

Nov 15 Research Grants

**Illinois State Academy of Science**

Nov 01 Student Research Grants

**Other****American Academy of Audiology**

Nov 15 New Investigator Research

**American Association for Cancer**

Nov 01 Various Programs

**American Association of University Women**

Nov 30 Summer/Short-Term Research Publication Grants

**American Council of Learned Societies**

- Nov 10 Digital Innovation Fellowships  
 Nov 10 Contemplative Practice  
 Nov 15 American Research in the Humanities in China

**American Museum of Natural History**

- Nov 01 Collection Study Grants  
 Nov 15 Research Fellowships  
 Nov 15 Chapman Grants for Research in Ornithology (neontological and paleontological)

**American Physiological Society**

- Nov 01 Various Programs

**American Psychological Association**

- Nov 01 Scrivner Research Grants

**American Society of Clinical Oncology**

- Nov 09 Various Programs

**American Society for Mass Spectrometry**

- Nov 30 Research Grants

**American Society of Nephrology**

- Nov 15 M. James Scherbenske Grant

**Bayer (Bayer Hemophilia Awards)**

- Nov 30 Various Programs

**Burroughs Wellcome Fund**

- Nov 01 Pathogenesis of Infectious Diseases

**Crohn's and Colitis Foundation**

- Nov 01 Various Grants

**Dumbarton Oaks**

- Nov 01 Fellowships in Byzantine Studies, Pre-Columbian Studies, and Landscape Architecture

**Dysautonomia Foundation**

- Nov 30 Research Grants (IKAP gene/protein)

**Getty Trust**

(Arts and Humanities)

- Nov 01 Various Programs

**International Foundation for Music Research**

- Nov 01 Sounds of Learning: The Impact of Music Education

**Thomas Jefferson Memorial Foundation**

- Nov 01 Short-Term Travel to Monticello

**Juvenile Diabetes Research Foundation**

- Nov 18 Innovation Grants

**Keck Foundation**

- Nov 15 Medical Research  
 Nov 15 Science, Engineering, and Liberal Arts

**Leukemia & Lymphoma Society**

- Nov 01 Specialized Center of Research

**Morris Animal Foundation**

- (Canine, Equine, Feline, Wildlife and Special Species, and Llama and Alpaca Research)  
 Nov 01 Established Investigator Grants

**Motor Neurone Disease Association**

- Nov 04 Research (Neurodegenerative Diseases, Neurological Disorders)

**National Academic Advising Association**

- Nov 01 Academic Advising Research Support

**National Italian American Foundation**

- Nov 30 Culture and Heritage Grant

**Retina Research Foundation**

- Nov 15 Grants

**United States-Israel Binational Science Foundation**

- Nov 15 Start-Up Grants  
 Nov 15 Collaborative Research

**Wenner-Gren Foundation for Anthropological Research**

- Nov 01 Various Programs

**December 2005****Federal****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 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 Pre-Clinical Development of Therapeutic Agents  
 Dec 19 NIH: Pelvic Floor Disorders Network  
 Dec 19 NIH: Underage Drinking: Building Health Care System Responses  
 Dec 21 NIH: AIDS International Training and Research Program

**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 NSF: Collaborative Research in Computational Neuroscience  
 Dec 01 GEO: Geophysics; Hydrologic Sciences; Petrology and Geochemistry; Tectonics

**NSF cont.**

- 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

**Other****Allen Foundation**

- (Nutrition and Dietetics)
- Dec 31 Research Grants

**Alzheimer's Association**

- Dec 01 Various Research Grants

**AMA Foundation**

- Dec 15 AMA Seed Grants for Research

**American Academy of Otolaryngic Allergy**

- Dec 15 Research Grants

**American Assoc. for Cancer Research**

- Dec 01 Various 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 Various Research Grants

**American Laryngological, Rhinological, and Otolological Society**

- Dec 15 Research Grants

**American Library Association**

- Dec 01 Various Research Grants

**American Mathematical Society**

- Dec 01 Centennial Fellowships

**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 Various Research Grants

**American Tinnitus Association**

- Dec 31 Research Grants

**Anxiety Disorders Assoc. of America**

- Dec 09 Junior Faculty Research Grants

**Arthritis Society**

- Dec 01 Various Research Grants

**Association of American Geographers**

- Dec 31 Various Research Grants

**Concern Foundation**

- Dec 08 Conquer Cancer Now

**Deafness Research Foundation**

- Dec 01 Research Grants

**Dystonia Medical Research Foundation**

- Dec 30 Research Grants

**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 Fund for Neuroscience**

- Dec 01 Technological Innovations in Neuroscience Awards

**Muscular Dystrophy Association**

- Dec 15 Various Research Grants

**National Blood Foundation**

- Dec 13 Research Grants

**National Headache Foundation**

- Dec 01 Research Grants

**National Kidney Foundation**

- Dec 10 Various Research Grants
- Dec 15 Council on Renal Nutrition Research

**National Osteoporosis Foundation**

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

**Organic Farming Research Foundation**

- Dec 15 Grants

**Prostate Cancer Foundation**

- Dec 03 Research Grants

**Silberman Fund**

- Dec 15 Social Work 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

## AWARDS PROCESSED

*Externally funded grants and contracts processed during September 2005*

Title	Investigator(s)	Department(s)	Agency	Award
<b>Research Awards</b>				
Alzheimer's Disease Demonstration Projects	R. Elble	Alzheimer Disease Center	IDPH	\$22,090
School Meals Initiative Review 2006	J. Endres P. Welch	Animal Science, Food and Nutrition ASFN	ISBE (USDA)	\$195,475
*Dysregulation of RNA Interference in Breast Cancer	Y. Mo	Cancer Institute	USDOD	\$107,250
Ubc9 as a Novel Target for Cancer Therapy	Y. Mo	Cancer Institute	USDHHS/NIH/NCI	\$237,738
*First-Principles-Based Simulation of Hydrogen Interactions in Complex Hydrides	Q. Ge	Chemistry	USDOE	\$200,000
*A New Universal Chromatography Detector	J. Koropchak	Chemistry	Fluid Measurement Technologies (USDHHS/NIH)	\$33,002
Qualifications of Candle Filters for PFBC Applications	T. Wiltowski M. Mohanty S. Lalvani	Coal Research Center Mining and Mineral Resources Engineering Mechanical Engineering	USDOE	\$250,000
*Spring Migration Ecology of Ducks	M. Eichholz	Cooperative Wildlife	Ducks Unlimited	\$154,068
*Determining Cost-Effectiveness of Active Versus Passive Managed Wetland Systems	M. Eichholz J. Nawrot	Cooperative Wildlife Cooperative Wildlife	USDI/USFWS	\$31,000
Evaluation of Native and Non-Native Fishes in the Upper Mississippi River with Focus on Sturgeon and Aquatic Nuisance Species	J. Garvey	Fisheries Center	U.S. Army/ACOE	\$28,000
Hybrid Striped Bass Nutrition	C. Kohler	Fisheries Center	Michigan State U/ North Central Regional Aquaculture Center (USDA)	\$23,750

<b>Title</b>	<b>Investigator(s)</b>	<b>Department(s)</b>	<b>Agency</b>	<b>Award</b>
*Monitoring the Effect of Disturbance on the Growth and Development of Planted Giant Cane to Improve Success of Canebrake	J. Zaczek C. Ruffner S. Baer K. Williard J. Groninger	Forestry Forestry Plant Biology Forestry Forestry	IDNR	\$9,940
The Great Body Shop Evaluation: 3rd and 5th Grade Curricula Evaluation	D. Birch B. Hammig	Health Ed and Recreation Health Ed and Recreation	The Children's Health Market	\$12,830
ICCI Coal Research Administration	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$578,631
*Acquisition of an Electron Microscope with Digital Camera and Ultramicrotomes for a Central Research Facility	J. Bozzola K. Renzaglia  P. Filip	IMAGE Research Development and Administration Center for Advanced Friction Studies	NSF	\$548,067
*Biomedical Research Initiative	A. Mahajan B. Schwartz	Mechanical Engineering Surgery	Mallinckrodt	\$10,000
*Unmixed Combustion	T. Wiltowski	Mechanical Engineering	Energy and Environmental Research Corp. (USDOE)	\$40,000
Age-Dependent Response of Hippocampal Neurons to Stress	G. Brewer	Medical Microbiology and Immunology	USDHHS/NIH/NIA	\$301,388
*Mechanisms Affecting Fluoropyrimidine Activity and Tumor Selectivity	D. Cao	Medical Microbiology and Immunology	American Cancer Society	\$187,144
*Autonomous Signaling Loop for Cell Motility in Prostate Cancer	D. Nie	Medical Microbiology and Immunology	IDPH	\$95,480
*Optimizing Response of Breast Tumors to Chemotherapy	S. Ran	Medical Microbiology and Immunology	IDPH	\$70,000
Interaction of Caloric Restriction with Longevity Genes	A. Bartke	Medicine	USDHHS/NIH/NIA	\$273,122
*Exercise and Rural Breast Cancer Survivors	L. Rogers	Medicine	American Cancer Society/Illinois Division	\$124,246
*Critical Research Issues in Essential Tremor	R. Elble	Neurology	U.S. Army	\$10,000
Global Network for Women's and Children's Health Research	G. Aylward	Pediatrics	University of Iowa (USDHHS/NIH)	\$23,711
Children's Oncology Group (COG) Chairs Grant	G. Brandt	Pediatrics	USDHHS/NIH	\$12,610

<b>Title</b>	<b>Investigator(s)</b>	<b>Department(s)</b>	<b>Agency</b>	<b>Award</b>
*Combining Anti-Cancer Ginsenosides to Treat Breast Cancer	L. Murphy	Physiology	IDPH/OWH/Penny Severns Fund	\$50,000
*Hierarchical Consequences of Intraspecific Variation on Community and Ecosystem Re-Assembly	S. Baer D. Gibson	Plant Biology Plant Biology	NSF	\$445,000
*ATOL: Collaborative Research - Assembling the Liverwort Tree of Life: A Window into the Evolution and Diversification of Early Land Plants	B. Crandall-Stotler R. Stotler	Plant Biology Plant Biology	NSF	\$304,663
*Inventory and Management of Forest Openings as Metapopulations	D. Gibson M. DeLong	Plant Biology Plant Biology	IDNR	\$1,997
*ATOL: Collaborative Research - Assembling the Liverwort Tree of Life: A Window into the Evolution and Diversification of Early Land Plants	K. Renzaglia	Plant Biology	NSF	\$358,356
*The Initiation of Wetlands in Northeastern Alberta: The Importance of Edaphic and Biogeochemical Controls	D. Vitt	Plant Biology	Various Donors	\$24,035
*Cardiovascular Safety of Ziprasidone and Olanzapine	C. Swartz	Psychiatry	Covance Periapproval Services	\$19,500
*Dabigatran Etxilate vs. Enoxaparin for Prevention of Venous Thromboembolism after TKA	D. Olysav	Surgery	Boehringer Ingelheim	\$65,000
*Interaction of Below- and Above-Ground Herbivory in Forest Gap Formation: Long-Term Analysis of Underlying Mechanisms and Spatio-Temporal Patterns	J. Reeve	Zoology	University of Wisconsin-Madison (NSF)	\$24,851
<b>Training Awards</b>				
Foster Parent Training Program	P. Eckert	Continuing Education	IDCFS	\$177,545
Area 6 North Mathematics Science Partnership Project	T. Volk	Curriculum and Instruction	Hamilton and Jefferson Counties Educational Service Region (USED/ISBE)	\$28,851
ILSAMP Phase III/Year 1	K. Renzaglia	Plant Biology	Chicago State U (NSF)	\$5,500
MPA Internships	K. Snavelly K. Surprenant	Political Science Political Science	City of Chester, IL	\$4,500

Title	Investigator(s)	Department(s)	Agency	Award
MPA Internships	K. Snavely K. Surprenant	Political Science Political Science	Illinois Law Enforcement Alarm System	\$5,250
*Rehabilitation Long-Term Training - Rehabilitation Counseling	J. Benshoff T. Upton S. Robertson	Rehabilitation Institute Rehabilitation Institute Rehabilitation Institute	USED	\$150,000
<b>Other Awards</b>				
Head Start Cost of Living Adjustment 2005-2006	C. Reed S. Bryson	Affirmative Action Affirmative Action	USDHHS/OHDS/ACF	\$29,350
WSIU-FM Community Service Grant	C. Isberner	Broadcasting Service	Corporation for Public Broadcasting	\$198,147
WSIU-TV Community Service Grant	C. Isberner	Broadcasting Service	Corporation for Public Broadcasting	\$884,510
*Lights, Camera, Collaboration: Practical PTV Partnerships for Museums and Libraries	E. Spezia D. Kidd	Broadcasting Service Broadcasting Service	National Center for Outreach (CPB)	\$3,000
*WSIU-WUSI-WVSI Radio Console Replacement	J. Williams M. Pendakur	Broadcasting Service Mass Communication and Media Arts	USDOC/NTIA/PTFP	\$40,782
*Saluki Kids' Academy	J. Davis	College of Education and Human Services	USED	\$297,600
Illinois Junior Science and Humanities Symposium	L. Martin	College of Science	Academy of Applied Science (USA/ARO)	\$15,700
Communities and Schools Together '06	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$480,000
Coordinated School Health	T. Ford	Economic Development	Southern Seven Health Department (IDHS)	\$1,500
*Family Life Education	T. Ford	Economic Development	Southern Seven Health Department (IDHS)	\$2,000
Promising Practices (SafePlace)	T. Ford	Economic Development	City of Carbondale, Illinois (USDOJ/ SafePlace Foundation)	\$33,063
Evaluation Service for ICVP	T. Ford D. Shannon	Economic Development Economic Development	Illinois Center for Violence Prevention	\$12,000
Mobile School Health Center Program	P. Tippy	Family and Community Medicine	IDHS	\$100,000

<b>Title</b>	<b>Investigator(s)</b>	<b>Department(s)</b>	<b>Agency</b>	<b>Award</b>
National Headquarters for the American Association of Teachers of French	J. Abrate	Foreign Languages and Literatures	American Association of Teachers of French	\$243,734
*Generating Transparency in Uganda, Ethiopia, and Kenya: Role of Journalists, Government Officials, Educators, and Nongovernment Organizations	J. Ramaprasad	Journalism	USDOS	\$240,337
Chamber Music America Residency Partnership Grant	K. Ginther	Music	Chamber Music America (NEA)	\$12,000
Violent Crime Victims Assistance Program Grant	D. St. Germain	Pediatrics	Illinois Attorney General	\$29,872
*Behavioral Services at Hoyleton Youth and Family Services Residential Program	B. Greene	Rehabilitation Institute	Hoyleton Youth and Family Services	\$5,859
*In-Home Behavioral Services for a Child with Autism	B. Greene	Rehabilitation Institute	Dr. and Mrs. Abdul Majid	\$5,400
Adult Education and Family Literacy & EL/Civics - Federal Basic	D. Shelton K. Humphreys	Rehabilitation Institute Rehabilitation Institute	ICCB (USED/ISBE)	\$81,969
Adult Education and Family Literacy & EL/Civics - State Performance	D. Shelton K. Humphreys	Rehabilitation Institute Rehabilitation Institute	ICCB (USED/ISBE)	\$23,623
Adult Education & Family Literacy & EL/Civics - Public Assistance	D. Shelton K. Humphreys	Rehabilitation Institute Rehabilitation Institute	ICCB (USED/ISBE)	\$38,034
Adult Education & Family Literacy & EL/Civics - State Basic	D. Shelton K. Humphreys	Rehabilitation Institute Rehabilitation Institute	ICCB (USED/ISBE)	\$78,563
Domestic Violence Expansion Project	M. Rudasill	School of Law	Illinois Attorney General	\$40,000
Illinois Agriculture Mediation Program	M. Rudasill	School of Law	USDA/Farm Services Administration	\$23,070
Illinois Small Business Development Center	R. Russell	Small Business Development Center	IDCEO (SBA)	\$246,000
Adoption, Child Welfare Program	M. Miah S. Selander	Social Work Social Work	IDCFS	\$88,490

\*indicates new award

**Awards Processed During September 2005 (68) \$8,499,193**

## Summary of Fiscal Year 2006 Awards Received to Date

*excludes Financial Aid Office awards*

	Fiscal Year 2006 Awards as of September 2005		Fiscal Year 2005 Awards as of September 2004	
Research	(89)	\$10,007,197	(99)	\$7,754,129
Training	(16)	\$1,148,430	(25)	\$2,000,969
Other	(50)	\$11,953,190	(36)	\$6,341,129
Federal	(53)	\$10,798,717	(48)	\$8,306,813
State	(51)	\$5,751,368	(40)	\$4,771,308
Industry	(7)	\$323,389	(27)	\$766,277
Foundation	(9)	\$386,696	(9)	\$277,544
Other	(35)	\$5,848,648	(36)	\$1,974,285
<b>TOTAL</b>	<b>(155)</b>	<b>\$23,108,817</b>	<b>(160)</b>	<b>\$16,096,227</b>

## Fiscal Year 2006 Awards as of September 2005

*awards distributed among investigators*

	Research	Training	Other	Total
College of Agricultural Sciences	\$334,486	\$301,000	\$3,630	\$639,116
College of Applied Sciences and Arts	\$0	\$0	\$44,648	\$44,648
Office of the Chancellor	\$0	\$0	\$2,532,437	\$2,532,437
College of Education and Human Services	\$412,607	\$64,393	\$5,716,738	\$6,193,738
College of Engineering	\$538,763	\$0	\$0	\$538,763
Illinois Clean Coal Institute	\$578,631	\$0	\$0	\$578,631
School of Law	\$0	\$0	\$75,000	\$75,000
College of Liberal Arts	\$311,170	\$125,388	\$1,399,449	\$1,836,007
College of Mass Communication and Media Arts	\$0	\$0	\$1,616,486	\$1,616,486
School of Medicine-Carbondale	\$1,013,390	\$71,667	\$130,000	\$1,215,057
School of Medicine-Springfield	\$2,924,885	\$188,437	\$84,872	\$3,198,194
Plant and Service Operations	\$100,000	\$0	\$148,900	\$248,900
Office of the Provost and Vice Chancellor	\$0	\$177,545	\$0	\$177,545
College of Science	\$2,005,739	\$0	\$15,700	\$2,021,439
Office of Vice Chancellor for Research	\$1,787,527	\$220,000	\$185,330	\$2,192,857

## ORDA DIRECTORY of ASSISTANCE

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Prudence M. Rice, Director, 453-4531, [pmrice@siu.edu](mailto:pmrice@siu.edu)

### FUNDING OPPORTUNITIES & RESEARCH MATTERS

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

### CONTRACTS & SUBCONTRACTS, AUDITS

- Sonjie Schwartz, 453-4541, [sonjie@siu.edu](mailto:sonjie@siu.edu)

### UNDERGRADUATE RESEARCH PROGRAM

- Jo Nast, 453-4540, [jonast@siu.edu](mailto:jonast@siu.edu), [www.siu.edu/~reach](http://www.siu.edu/~reach)

### ORDA PUBLICATIONS & WEB SITE

- Marilyn Davis, 453-4540, [mdavis@siu.edu](mailto:mdavis@siu.edu)
- See [www.siu.edu/orda/reports](http://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](http://www.siu.edu/orda/guide).

### TECHNOLOGY TRANSFER (PATENTS/COPYRIGHTS)

- Jeff Myers, 453-4556, [jmyers@siu.edu](mailto:jmyers@siu.edu)

### INTERNAL GRANT PROGRAMS

See [www.siu.edu/orda/internal](http://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](http://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](http://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](http://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](mailto:dfix@cehs.siu.edu).
- **Radiological Control Committee:** contact Richard Dyer, Radiation Safety Officer, 536-2015, [rdyer@cehs.siu.edu](mailto:rdyer@cehs.siu.edu).
- **Hazardous Chemical Oversight:** contact Paul Restivo, Director, Center for Environmental Health and Safety, 453-1632, [restivo@cehs.siu.edu](mailto:restivo@cehs.siu.edu).

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