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**SACRAMENTO STATE**

**Research & Sponsored Projects**

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**SACRAMENTO STATE**  
**Research & Sponsored Projects** *NEWS*

## Pre- and Post- Award Services

The Offices of Research and Sponsored Projects and Grant and Contract Administration provide comprehensive pre- and post-award grant and contract services, including gathering grant opportunity information, proposal development and submission, and the administration of grant awards and contracts. Our offices are located on the second floor of Modoc Hall.

### Office of Research and Sponsored Projects (ORSP)

ORSP assists faculty and staff in seeking external support for their research, scholarly and creative projects.

ORSP can help in the identification of funding opportunities and the development of sponsored research and education projects. Specifically, ORSP assists with the development of ideas suitable for funding, preparing budgets, editing and critiquing proposals, obtaining university approvals, providing information about human and animal subjects and other compliance issues, and submitting proposals electronically. ORSP also reviews proposals for compliance with University policies and sponsoring agency requirements, maintains administrative liaison with sponsoring agencies, provides current knowledge of agency guidelines, and reviews all award documents for acceptance and agreement of terms and conditions.

For assistance or more information about the Office of Research and Sponsored Projects, call 8-7381 or go to <http://www.csus.edu/rsp/>.

### Grants and Contracts Administration (GCA)

GCA administers externally funded research, education awards and contracts on behalf of the University. The primary mission of the GCA office is to provide excellent service to our constituents, to meet the campus' fiduciary responsibility in managing projects, and to be in compliance with current regulations and practice.

GCA responsibilities include: monitoring grant and contract agreements; facilitating the hiring of project staff; providing monthly expense reports; reviewing payroll transactions; reviewing bids for specialized equipment and services; advising project directors on allowable expenditures; monitoring budgets and expenses to keep project directors apprised of project status; negotiating, preparing and monitoring subcontracts; preparing financial reports; and invoicing sponsors in accordance with the terms of the awards.

GCA staff are available to answer questions and resolve potential issues related to project administration. For assistance or more information about GCA, please call 8-7565 or go to <http://www.foundation.csus.edu/gca/>.

## Notices

### Committee for the Protection of Human Subjects

The Committee for the Protection of Human Subjects (CPHS) is the Institutional Review Board (IRB) for the implementation of campus, state and federal policies to safeguard the rights and welfare of human subjects participating in research activities by the University or its affiliates. Any research conducted by Sacramento State faculty, staff, or students involving human subjects or any research-related activity involving human subjects that utilizes Sacramento State time, facilities, resources or students must be reviewed by CPHS to ensure compliance with applicable federal and campus policy.

The committee usually meets every third Monday of the month during the academic year. Eleven copies of the completed protocol form and any attachments must be submitted by noon on the Monday two weeks prior to the committee meeting. Submissions can be sent to the Office of Research and Sponsored Projects at campus zip 6111 or delivered to Modoc Hall, Room 2007.

The Sacramento State Human Subjects Manual and protocol submission forms are posted on the web at <http://www.csus.edu/rsp/HumanSubjects.htm>. Questions regarding the application procedures for human subjects approval can be directed to the Office of Research and Sponsored Projects at 8-7381 or to any member of the committee. Questions about research procedures and minimizing risks should be directed to a committee member.

### Faculty Travel Support

The Office of Research and Sponsored Projects allocates \$50,000 to provide partial assistance to faculty who are presenting the results of their research or scholarly activity at a professional conference. Travel support is limited to \$500 or one-half the total cost of the trip, whichever is less, and a faculty member may only receive one award per fiscal year.

These funds are available on the following basis:

- The faculty member must be reading a paper prepared for a professional meeting in his/her discipline or special area.
- There must be evidence (a copy of the letter accepting the paper, a copy of the appropriate page from the meeting's program) that the paper has been accepted.
- The presenter's chair must indicate that the delivery of the paper will "further the mission of the University."

To request travel support, send or e-mail your request to: Terry Manns, Office of Research and Sponsored Projects (campus zip 6111; [jtmanns@csus.edu](mailto:jtmanns@csus.edu)), indicating the title of your paper, name, dates and location of the conference, and documentation showing your paper has been accepted. For more information on travel stipends, go to <http://www.csus.edu/rsp/TravelSupport.htm>.

## Human Subjects FAQ's

### What is human subjects research?

"Research" refers to a systematic investigation designed to develop or contribute to generalizable knowledge. "Human subjects research" involves the participation of human beings as subjects in such an investigation.

### What human subjects research is subject to review?

Research conducted by Sacramento State employees or students, and research conducted by others involving the use of university students or other resources, must be reviewed. This includes research that has already been approved at another institution.

### What special knowledge is expected for persons doing human subjects research?

In addition to any professional, ethical, and methodological standards specific to the subject area being investigated, researchers also need to understand federal and university policies that apply when conducting human subjects research.

### Why do federal policies (45 CFR 46) affect research not funded by federal agencies?

Most institutions, including Sacramento State, agreed to follow federal regulations for all research involving human subjects when they obtained an assurance of compliance with requirements for federally funded research.

*For answers to more frequently asked questions, go to <http://www.csus.edu/rsp/IRBfaqs.htm>.*

## NSF Day at Sacramento State

The National Science Foundation (NSF) and Sac State will be holding a one-day workshop on Thursday, December 1, 2005. NSF is the federal agency charged with promoting scientific progress and advancing education in science, mathematics, engineering, and technology at all levels and the workshop will provide an excellent opportunity to learn more about NSF and its programs.

The workshop will include an overview of NSF, its mission, priorities and budget. It will cover the NSF proposal and merit review process and NSF programs that cut across disciplines. Additionally, representatives from five of the NSF directorates will make presentations on their programs and will also be available individually and in breakout sessions to discuss potential research proposals. The five directorates represented will include: Biological Sciences; Mathematical and Physical Sciences; Computer and Information Science and Engineering; Social, Behavioral, and Economic Sciences; and Engineering.

On Wednesday, November 30, 2005, NSF will also host a FastLane tutorial for Principal Investigators. Fastlane is NSF's web-based, real-time, interactive system for conducting grant business. All proposals to NSF must be submitted through FastLane. The session for PIs will be held from 3:00-5:00.

Pre-registration for the workshop is required and must be completed by **Friday, November 25, 2005**. For additional information, please contact Dr. Ahmed Salem in the Computer Science Department at 8-3831 or [salema@ecs.csus.edu](mailto:salema@ecs.csus.edu).

### Agenda for NSF Day

#### Wednesday, November 30

3:00 – 5:00 p.m. FastLane Session for PIs

#### Thursday, December 1

7:30 – 8:30 a.m. Continental Breakfast and Registration  
 8:30 – 8:45 a.m. Welcoming Remarks  
 8:45 – 9:45 a.m. Introduction to NSF – The Basics  
 9:45 – 10:30 a.m. NSF Proposal and Merit Review Process  
 10:30 – 11:00 a.m. Break and Refreshments  
 11:00 – 12:00 p.m. Cross-Disciplinary and Special Interest Programs  
 12:00 – 1:30 p.m. Lunch (on your own)  
 1:30 – 2:45 p.m. Concurrent Sessions  
 2:45 – 3:00 p.m. Break and Refreshments  
 3:00 – 4:30 p.m. Concurrent Sessions

### Research and Creative Activity Award Program

The guidelines for the 2006-2007 Sacramento State Research and Creative Activity Award Program are now available and can be viewed and downloaded from the web at [http://www.csus.edu/rsp/rcaa\\_guidelines.htm](http://www.csus.edu/rsp/rcaa_guidelines.htm). This program is an excellent source of support for faculty research and is one demonstration of the university's commitment to scholarship.

The program provides assigned time grants, monetary awards and summer fellowship awards to both tenured and untenured faculty and to both part- and full-time faculty.

There have been several changes, so a very careful reading of the guidelines is encouraged. For this competition the maximum award is a summer fellowship, 3 units of assigned time and a monetary grant OR 6 units of assigned time and a monetary grant.

In reviewing the guidelines you will also note that they are very specific. The specificity is not arbitrary. Instead, it is a result of a conscious attempt to ensure that each proposal has an equal chance of obtaining funding, and that particular proposals are not advantaged because they provide a significantly greater volume of information to the committee. It also avoids putting an excessive burden on the review panels that are staffed by faculty volunteers.

To assist applicants in preparing a competitive proposal, the Research and Creative Activity Subcommittee will hold two proposal workshops. The first will be on Monday, October 24 from 2:00-4:00 p.m. in the Orchard Suite, 2nd Floor, University Union; the second will be on Tuesday, October 25th from 10:00 a.m. until noon, also in the Orchard Suite. The workshops will cover identical topics; applicants need only attend one.

The deadline for receipt of proposals is **Friday, November 11, 2005, at 5:00 p.m.** (hard copies only) in the Office of Research and Sponsored Projects, Modoc Hall, Suite 2007. Proposals submitted after that time will not be considered.

## Sponsor Alert

### NIH Plans for Electronic Submissions through Grants.gov

Over the next year, the National Institutes of Health (NIH) will transition grant applicants to a new application form and mandatory electronic submission of proposals through the Grants.gov website. Applicants will no longer use the PHS 398 form, which will be replaced by the standardized Application for Federal Assistance (SF 424) form. At the time the new form is adopted, applicants will be required to submit proposals electronically.

NIH plans to phase in the changes by program and funding mechanisms. The transition by mechanism will include **all** funding opportunity announcements for that mechanism. The initial dates for the transition are:

**December 1, 2005** – Small Business Innovative Research (SBIR) and Small Business Technology Transfer Programs (STTR)

**December 15, 2005** – Support for Conferences and Scientific Meetings (R13 and U13)

**January 25, 2006** – Academic Research Enhancement Awards (AREA) (R15)

**June 1, 2006** – Small Grant Programs (R03) and Exploratory/Development Research Grant Awards (R21)

**October 1, 2006** – Research Project Grant Program (R01)

Also, be aware that in order to submit a NIH proposal via Grants.gov, principal investigators (PIs) must be registered with the NIH eRA Commons as an individual affiliated with Sacramento State. This one-time process must be completed by the Office of Research and Sponsored Projects (ORSP) at least **two weeks** prior to the submittal date of a Grants.gov submission.

If you're interested in submitting a proposal to NIH, please contact ORSP as soon as possible at 8-7381.

### NIH Website for New Investigators

NIH's Office of Extramural Research has posted a website ([http://grants.nih.gov/grants/new\\_investigators/index.htm](http://grants.nih.gov/grants/new_investigators/index.htm)) that articulates NIH's continuing commitment to new investigators. The website describes current policies, data related to the influx of new investigators, resources that new investigators can use to understand and work with the NIH, and helpful hints that might be useful in constructing your first application.

For the purpose of review and funding, applicants are considered new investigators if they have not previously served as the principal investigator (PI) on any Public Health Service-supported research project other than a small grant (R03), an Academic Research Enhancement Award (R15), or an exploratory/developmental grant (R21). Current or past recipients of Independent Scientist and other non-mentored career awards (K02, K04) are not considered new investigators.

## NIH AREA Program Webcast

The NIH Academic Research Enhancement Award (AREA) Program (R15) currently provides renewable awards up to \$150,000 over 3 years to support meritorious faculty research projects in most areas of interest to NIH. This program is designed to strengthen the research environment of institutions that have not received much NIH funding in the past, and also to expose students to research. Linda Stecklein, who works with the AREA Program at NIH, will discuss the program in detail. She will focus on the new AREA guidelines, published this past September, as well as talk about the proposal review process. A good deal of time will be set aside at the end of her presentation for an interactive Q&A session.

The web conference will be held **Friday, October 28, 2005** from **11:00 a.m. – 1:00 p.m.** in **Modoc Hall, Room 2008**.

For more information or to reserve a seat, contact the Office of Research and Sponsored Projects at 8-7381.

Anything else you would like to see in the *Research & Sponsored Projects News*? E-mail Shannon Fredrickson at [fredrick@csus.edu](mailto:fredrick@csus.edu).

## Sponsor Alerts

### **ACYF Seeks Grant Proposal Reviewers**

The Administration on Children, Youth and Families (ACYF) is currently seeking grant proposal reviewers and panel chairpersons for reviews that will be conducted over the coming year. The four bureaus within ACYF, the Child Care Bureau, Children's Bureau, Family and Youth Services Bureau, and Head Start Bureau, encourage both experienced reviewers and those who have not yet served as reviewers to apply in order to learn more about strategies which applicants employ that result in funded proposals.

ACYF administers major federal programs to support social services that promote the positive growth and development of children and their families. The agency also provides support for protective services and shelter for children in at-risk situations. In addition, it offers support for prevention programs that address the abuse of children in troubled families; programs to enhance the quality and affordability of child care for working families and families on public assistance; programs to increase the school readiness of young children in low-income families; and adoption services for children with special needs. These programs provide financial assistance to provide services, carry out research and demonstration activities, and undertake training and information dissemination.

For more information about ACYF and its review process, see the ACYF website at <http://www.acf.hhs.gov/programs/grantreview/>.

### **Agencies Announce Planned Grant Competitions for 2006**

The **National Oceanic and Atmospheric Administration (NOAA)** has published a list of expected grant competitions for fiscal year 2006. The list is based on the expectation of available funds and provides tentative deadlines, grant amounts, program descriptions and contact information on grants for research, conservation programs, and environmental education. To access the complete list, go to <http://www.ago.noaa.gov/grants/funding.shtml>.

The **Substance Abuse and Mental Health Services Administration (SAMHSA)** has tentatively announced 15 grant competitions. The announcement contains funding estimates, program descriptions, and the projected dates for publication of the formal solicitation on the SAMHSA website.

The competitions include grants to build mental health capacity in minority communities, grants to develop peer-driven support systems for recovery from alcohol and drug disorders, and conference grants which support workshops and meetings to synthesize and disseminate research findings.

To access the list of expected SAMHSA grant competitions, go to <http://www.samhsa.gov/grants/2006/ataglance.aspx>.

### **Using NIH's CRISP Database of Funded Projects**

For researchers interested in seeking funding from the National Institutes of Health (NIH) or examining current research funded in a particular area of biomedical or behavioral research, CRISP (Computer Retrieval of Information on Scientific Projects) is an excellent online resource. CRISP is a searchable database of federally funded biomedical research projects conducted at universities, hospitals, and other research institutions. The database, maintained by the Office of Extramural Research at the National Institutes of Health, is free to the public and includes projects funded by the National Institutes of Health (NIH), Substance Abuse and Mental Health Services (SAMHSA), Health Resources and Services Administration (HRSA), Food and Drug Administration (FDA), Centers for Disease Control and Prevention (CDCP), Agency for Health Care Research and Quality (AHRQ), and Office of Assistant Secretary of Health (OASH).

The CRISP database is updated weekly and users can access CRISP to search for scientific concepts, emerging trends and techniques, as well as to identify specific projects and/or investigators. The database can return extensive results on topics ranging from environmental health to psychology to nursing. The site supports both basic and advanced searches, providing project titles, abstracts, and contact information for the study's primary researchers.

To access CRISP, go to <http://crisp.cit.nih.gov/>.

## Program Profile

### Young Scholars Program in Child Development

The Foundation for Child Development's Young Scholars Program (YSP) provides a unique opportunity for relatively new faculty - those who are seeking to attain tenure - in either the allied professional fields or the behavioral and social sciences to conduct basic and policy-relevant research on the early education, health, and well-being of immigrant children from birth to age 10. Particular emphasis is placed on immigrant children from low-income families who are between the ages of birth and eight years. Grants are made for up to \$150,000 and proposals must be submitted by **November 1, 2005**.

The YSP is a part of FCD's New American Children Initiative (NACI), which was launched in 2003 when the Foundation discovered the limited amount of information that was available regarding the special needs of immigrant children. Currently, immigrant children make up the fastest growing segment of the United States' childhood population; in fact, it has tripled over the past 35 years, and the percentage of immigrant children in the K-12 population has increased from 6% to 20%. FCD developed the New American Children Initiative as a means to acquire the knowledge necessary to create sound policies in issues affecting the well-being of young newcomer children and their families in the U.S. Grants awarded under this initiative support research in two vital areas: on the effects on immigrant children as they participate in pre-kindergarten and elementary education programs, and on child health policy.

Research may focus on any of the following: factors (e.g. individual, familial, cultural, neighborhood) contributing to both positive and negative outcomes for young immigrant children in their communities and schools; individual and group identity formation among young children from a variety of groups living in different environments; the experiences of newcomer children in early education, kindergarten, and elementary school programs; language development among immigrant children; and evaluation of the impact of public policies in health and in education that affect the life prospects of newcomer children.

Proposals will be evaluated on the following criteria: the degree to which the proposed work is theoretically based as well as conceptually and methodologically sound; the degree to which the proposed research demonstrates an understanding of issues that are associated with the immigrant experience (e.g. legal status, country of origin, language spoken at home, English language ability, generation of the children, duration of residence of the child and parents in the United States); the relevance of the potential analysis and findings to current and future public policy issues regarding young children and their families; the quality of the proposed plans to communicate the research findings to inform decision-makers on policies that affect young newcomer children; and the engagement and recognition of the information and research needs of organizations concerned about immigrants, e.g. national, state or local advocacy groups, community-based agencies.

As noted above, awards are made for up to \$150,000, which includes both direct and indirect costs (indirect costs are limited to 15% of direct costs). Funds can be used for both salaries and other research expenditures. For more information, go to the Foundation for Child Development's website at <http://www.fcd-us.org/ourwork/y-index.html>.

## Upcoming Human Subjects Deadlines

Protocol submissions are due by noon on the Monday TWO WEEKS prior to each meeting. Protocols received after the submission deadline will be reviewed at the next meeting.

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### NOVEMBER MEETING

#### Submission Deadline:

Monday, October 31

#### CPHS Meeting Date:

Monday, November 14

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### DECEMBER MEETING

#### Submission Deadline:

Monday, November 28

#### CPHS Meeting Date:

Monday, December 12

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### FEBRUARY MEETING

#### Submission Deadline:

Monday, January 30

#### CPHS Meeting Date:

Monday, February 13

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To access the Human Subjects Manual, protocol submission forms, and a complete list of deadlines go to:

<http://www.csus.edu/rsp/HumanSubjects.htm>.

## Program Profile

### Special Education Research at the U.S. Department of Education

The U.S. Department of Education recently established a National Center for Special Education Research (NCSER) which will be the home to several special education initiatives. According to the new Commissioner, Edward Kame'enui, the aim of NCSER is "to promote the highest quality and rigor in research on special education and related services, and address the full range of issues facing children with disabilities, parents of children with disabilities, school personnel, and others." The establishment of this center points towards a movement at the Department to transform education into an evidence-based field where decision makers will routinely seek out the best available research and data in adopting and implementing programs and practices that will affect significant numbers of children. The goal is to provide reliable, trustworthy, and practical knowledge to fill gaps in knowledge and to provide understandable and vetted findings.

NCSER has a budget of more than \$80 million in FY 2006. Several competitions have already been announced and the following have upcoming deadlines:

The overall goal of the **Assessment for Accountability in Special Education Research Program** is the design and implementation of assessment systems that are valid and that provide information that can be used to promote the highest levels of achievement for all children. **Deadline: November 10.** For more information, go to <http://www.ed.gov/programs/specedassessment/applicant.html>.

The **Individualized Education Program (IEP)** focuses on the development and evaluation of training programs for IEP teams, as well as methods of managing and monitoring the IEP process, that will result in education services that are better aligned with scientifically based research and that enhance achievement and development. **Deadline: November 17.** For more information, go to <http://www.ed.gov/programs/specediep/applicant.html>.

Through the **Mathematics and Science Special Education Research Program**, NCSER intends to fund applications that address the development and evaluation of mathematics or science curricula and instructional approaches for students with identified disabilities and students at high risk for disabilities. **Deadline: November 17.** For more information, go to <http://www.ed.gov/programs/specedmath/applicant.html>.

The **Secondary and Postsecondary Outcomes Special Education Research Program** intends to fund research focusing on the development and evaluation of interventions that promote functional skills that allow young adults to obtain and hold jobs, to live independently, and to become contributing members of their communities; and communities of support and care designed to support and enhance employment of students with disabilities during secondary and post-secondary transition. **Deadline: November 17.** For more information, go to <http://www.ed.gov/programs/specedoutcomes/applicant.html>.

The purpose of the **Special Education Teacher Quality Reading and Writing Research Program** is to identify effective strategies for improving the performance of teachers or students with disabilities or at high risk for developing disabilities in ways that lead to improvements in students' reading and writing skills. The purpose is also to develop practical assessments of teacher knowledge and validate these assessments against measures of students' reading and writing performance. Through this program, NCSER will support research on the development and evaluation of teacher preparation programs, teacher professional development programs, and assessments of teacher knowledge. **Deadline: November 17.** For more information, go to <http://www.ed.gov/programs/specedtqreading/applicant.html>.

### Targeted Funding Opportunities by E-mail

SMARTS is an electronic matching and funding opportunity notification system which provides information on federal and non-federal grants, contracts, and fellowships as they are announced by the various agencies. This information is disseminated via e-mail based on an individual's profile. All faculty and staff at Sacramento State who are interested in finding and applying for grants are encouraged to use this system.

To sign up for SMARTS, go to <http://spin2000.infoed.org/GeniusSearch/genius.asp> and click on **Create a New Profile**.

You may also contact the Office of Research and Sponsored Projects at 8-7381 for assistance.

## Recent Awards

### Academic Affairs

#### Marcos Sanchez

*U.S. Department of Education, \$462,100*  
College Assistance Migrant Program 2005-2006

#### Nancy Shulock, Institute for Higher Education Leadership & Policy

*Irvine Foundation, \$250,000 over two years*  
Improving Access and Success in the California Community Colleges

### College of Continuing Education

#### William Sharar, International Programs

*Kumoh Institute of Technology in Korea, \$26,650*  
Intensive English Program for Students of Kumoh University

#### William Sharar, International Programs

*Dongeeui Institute of Technology, \$23,500*  
Intensive English Language and American Cultural Experience Program

#### William Sharar, International Programs

*Nihon University of Japan, \$24,000*  
Intensive English Language and American Cultural Experience Program

### College of Education

#### David Bayer, Bilingual and Multicultural Education

*U.S. Department of Education, \$470,000*  
CSUS High School Equivalency Program (HEP) Year 2

### College of Natural Sciences and Mathematics

#### Juanita Barrena, Biological Sciences

*California Wellness Foundation, \$75,000*  
Preparation of Pre-Health Professional Students: The Source for Diversity in the Health Professions

#### Juanita Barrena, Biological Sciences

*National Science Foundation, \$501,000*  
CSU Louis Stokes Alliances for Minority Participation, Phase III

#### David Vanicek, Biological Sciences

*California Department of Fish and Game, \$75,000*  
Collection and Analysis of Water Hyacinth/Brazilian Elodea

#### Roy Dixon, Chemistry

*National Science Foundation, \$50,586*  
Development and Application of Aerosol Photoionization Detectors for HPLC

#### Timothy Horner, Geology

*Sacramento Area Flood Control, \$15,799*  
Lower Sunrise Side Channel Project

#### Timothy Horner, Geology

*U.S. Bureau of Reclamation, \$99,864*  
Habitat Suitability of Spawning Gravels on the Lower American River

#### Scott Farrand, Mathematics and Statistics

*University of California, \$13,000*  
CSUS Math Project

## Office of Research & Sponsored Projects

The Office of Research and Sponsored Projects assists faculty and staff in the development of sponsored research and educational projects. This includes locating funding sources, preparing budgets, editing and critiquing proposals, completing application forms, contacting potential sponsors, obtaining university approvals, providing information about human and animal subjects and negotiating awards.

### Contact Information:

Office of Research & Sponsored Projects  
Modoc Hall, Room 2007  
Phone: (916) 278-7381  
Fax: (916) 278-6163  
[www.csus.edu/rsp](http://www.csus.edu/rsp)

## Grants & Contracts Administration

GCA administers externally funded research and educational awards on behalf of the University. GCA monitors contract agreements, recruits and facilitates hiring staff, provides monthly expense reports, reviews payroll transactions, and secures bids for specialized equipment and services.

### Contact Information:

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