

Office of Sponsored Programs Bulletin March 2010

The SJSU Research Foundation (SJSURF), Office of Sponsored Programs (OSP) Bulletin is a monthly publication informing the SJSU academic community about sponsored program information, trends and opportunities. To view the OSP Bulletin online, visit the SJSU Research Foundation website at <http://www.sjsufoundation.org/>.

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1. SJSURF Workshop: Focus on Post-Award - [March 22](#)

Location: MLK Library, Room 255/257 Time: 11:30 a.m. to 1:00 p.m. RSVP by March 19

Managing externally funded accounts varies depending on the source of funds. The Research Foundation's post-award services are designed to help you to focus on your project, rather than on its administration; however there are policies and procedures all account holders should be aware of. This workshop will help account managers of both research and self-support programs become familiar with SJSU post-award procedures - from how to get reimbursed to how to hire new employees and assign them to payroll. Meet the key post-award staff members who can assist you with managing the expenditure of your awarded funds. RSVP to Kristin Nwakobi at knwakobi@foundation.sjsu.edu

2. SJSU Student Research Forum - [April 7, 2010](#)

The Office of Graduate Studies and Research and the SJSU Research Foundation have announced the winners of the 31st Annual SJSU Student Research Competition. The following students will be honored with their faculty mentors at a Forum on April 7, from 12-2pm, in The University Room (NEW location). These winners will then compete at the CSU level, to be held on SJSU campus in late April/May. All are invited to come and view their research work at the Forum, and support them at the CSU competition:

Michelle Arden, Linguistics

"A Phonetic, Phonological, and Morphosyntactic Analysis of the Mara Language"

Faculty Mentor: Dr. Daniel Silverman

Khe Dinh, Chemical Engineering

"In Vitro Mouth-Throat Disposition for *Staccato*[®] Loxapine"

Faculty Mentor: Dr. Michael Jennings

Pamela Jamie Clay, Geology

"Structure of Jurassic and Cretaceous Plutons, Southwest of Lake Tahoe, California"

Faculty Mentor: Dr. Robert B. Miller

Meenakshi Goel, Chemistry

"Synthesis of a non-hydrolyzable, lipid-linked inositol glycan with potential anti-cancer activity"

Faculty Mentor: Dr. Marc d'Alarcao

John HyunJoon Kim, Biology/Chemistry

"Gel Encapsulation of the Enzyme Bromoperoxidase"

Faculty Mentor: Dr. Roy Okuda

3. Opportunity to Shape Interagency Intellectual Property Enforcement

The Office of Management and Budget is [requesting comments](#) on the development of a government-wide intellectual property enforcement strategy. The [Prioritizing Resources and Organization for Intellectual Property Act of 2008](#) called for, among other things, the appointment of an executive-level Intellectual Property Enforcement Coordinator, who serves as chair of an interagency intellectual property enforcement advisory committee. As the committee works toward the development of a joint strategic plan, the office of the coordinator seeks two types of public comments:

- Statements regarding the costs to the U.S. economy resulting from intellectual property violations, and the threats to public health and safety created by infringement; and
- Detailed recommendations regarding the objectives and content of the joint strategic plan and other specific recommendations for improving the government's intellectual property enforcement efforts.

Comments are due by **March 24, 2010**, and should be submitted to intellectualproperty@omb.eop.gov.

4. CCLI Changes Name, Re-emphasizes Priorities

The National Science Foundation's Course Curriculum and Laboratory Improvement (CCLI) program has been renamed the Transforming Undergraduate Education in Science (TUES) program. The new [solicitation](#), released February 24, 2010, will be in effect through FY 12, with annual deadlines beginning **May 26, 2010** for Type 1 proposals, and January 14, 2011, for Type 2, Type 3, and Central Resource Project proposals. At a recent workshop, Program director Russell Pimmel discussed the new solicitation:

NSF changed the program's name from CCLI to TUES in order to emphasize the requirement that projects have the potential to transform undergraduate STEM education. Review criteria have been added to solicit projects that propose materials, processes, or models that have the potential to enhance student learning and that involve significant effort to facilitate adaptation at other sites. In the case of Type 1 proposals, the adaptation need not extend to other sites, but should be institutionalized at the investigator's college or university. Pimmel suggests that Type 1 investigators seek feedback from colleagues at other institutions during this stage of innovation development, both to strengthen and inform the Type 1 proposal, and to cultivate the investment of potential partners in a future Type 2 or Type 3 proposal.

Although Type 1 funding is not a prerequisite for Type 2 funding, and Type 2 funding is not a prerequisite for a Type 3 award, there is an expectation that progressive outcomes of the sort that would be generated under the preceding type will be present in a competitive proposal for Type 2 or Type 3.

Pimmel also discussed the importance of sustaining the innovations funded by CCLI, and now TUES, stating that, although the program has funded some exciting projects over the years, dissemination and evaluation plans often appear to have been added to the proposals at the last minute, which means "when the funding is done, the impact is done." The clarified funding criteria are meant to counter that trend.

Applicants are reminded that the program is not an equipment or facilities improvement opportunity. Instead, the NSF TUES program funds projects that develop faculty expertise, implement educational innovations, assess learning and evaluate innovations, prepare K-12 teachers, or conduct research on STEM teaching and learning.

It also supports projects that further the work of the program itself, for example, synthesis and dissemination of findings across the program, through Central Resource Projects, which are expected to "sustain the TUES community as it works to transform undergraduate STEM education.

SJSU Research Foundation sponsored a TUES workshop on March 8, 2010. A PowerPoint presentation of this workshop may be found at: <http://www.sjsufoundation.org/html/sjsuf-employees-resources/workshops.htm>

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5. How to Do Business With Business

National expert Dr. Jim Severson, former president of the Association for University Technology Managers (AUTM) as well as SF State faculty Mark Ciotola and Martin Linder discussed small business research grants (SBIRs/STTRs), sponsored agreements with industry, non disclosure agreements, faculty-owned businesses, and consulting arrangements at a March 2 workshop at SFSU. If you would like to view this workshop, please go to:

https://csuelm.calstate.edu/play_recording.html?recordingId=1265224354707_1267545970767

At the site you will be asked to provide your email address and name. Automatic download of the viewing software may occur.

6. NSF Announces Large Grant Opportunity to Fund Online Ethics Resource Center

The National Science Foundation will award \$500,000 for five years to "fund the creation and maintenance of an Ethics in Science, Mathematics, and Engineering Online Resource Center." The center would provide materials on the responsible conduct of research (RCR) to "help educators, researchers, undergraduate and graduate students, postdoctoral fellows, and practicing scientists and engineers understand the scope of existing knowledge about both ethics and ethics education in science, mathematics, and engineering, as well as to develop analytical approaches to the study of ethical issues in science, mathematics, and engineering in both national and international contexts." NSF also said the center would help grantees comply with the new RCR training requirement under the America COMPETES Act (*RRC 9/09, p. 1*). NSF has already funded two beta sites, www.umass.edu/sts/digitallibrary and www.onlineethics.org/CMS/about/UserGuide/18848.aspx. These sites "begin to provide an interactive community location and searchable clearinghouse of resources related to ethics in science, mathematics, and engineering [and] provide a foundation for the ongoing online responsible and ethical conduct of research resource center described in this open competition," NSF said. Letters of intent, which are required, are due by 5 p.m. on **April 30**, and full proposals are due by 5 p.m. on June 3. Times are based on the location of the submitter.

Link: www.nsf.gov/pubs/2010/nsf10547/nsf10547.htm?WT.mc_id=USNSF_29

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7. Investing in Innovation Fund Application Information Released

In addition to the Race to the Top Fund, the [Investing in Innovation Fund \(I3\)](#) is a highly anticipated new program developed by the U.S. Department of Education (USDE). With \$650 million at stake, USDE intends to make over 200 awards across three grant categories: Scale-up, Validation, and Development.

The I3 Fund (not to be confused with the National Science Foundation's I³ program), will allow successful applicants to expand and develop innovative practices that can serve as models of best practices; work in partnership with the private sector and the philanthropic community; and identify and document best practices that can be shared and taken to scale based on demonstrated success. Eligible applicants include local educational agencies (LEAs) and nonprofit organizations (including colleges and universities) that have a proven track record in K-12 student achievement. The application deadline is **May 11, 2010**.

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8. Fellowships

SJSURF receives notification of fellowship/scholarship opportunities for faculty and students. This month's highlights include:

Program: Faculty Research Awards for HBCUs, Hispanic-Serving, and Tribal Colleges

Agency: National Endowment for the Humanities

Next Deadline: Apr 15, 2010

<http://www.neh.gov/grants/grants.html>

Program: W.E.B. Du Bois Fellowship 2010

Agency: U.S. Department of Justice

Next Deadline: April 16, 2010

<http://www.ncjrs.gov/pdffiles1/nij/sl000935.pdf>

Program: Scholarship Program

Agency: Environmental Research and Education Foundation

Next Deadline: Apr 30, 2010

<http://www.erefndn.org/scholar.html>

Program: Student Nuclear Engineering Internships

Agency: U.S. Department of Energy

Next Deadline: Apr 30, 2010 (tentative)

<http://nuclear.inl.gov/nucleareducation/>

Program: Helen T. Carr Fellowship Program

Agency: American Society for Engineering Education

Next Deadline: May 01, 2010

<http://www.asee.org/fellowship/hbecc.cfm>

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