
Research and Funding Opportunities at San Jose State University



RESEARCH FOUNDATION

New Faculty Orientation
October 18, 2011

Overview of Presentation

- How Things Work at SJSU
 - Benefits of Funding
 - Research and Funding Strategies
 - Types of Funding Opportunities
 - Resources for Finding Funding
 - Building a Funding Roadmap
 - Initial Directions and Other Guidance
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How Things Work at SJSU

- The AVP of Graduate Studies and Research is the university's chief research officer and is also the president's designee to approve proposals for external funding submitted from SJSU. (Dr. Pamela Stacks, AVP, Graduate Studies and Research)
www.sjsu.edu/gradstudies
 - The SJSU Research Foundation (SJSURF) is the university's designated Sponsored Programs Administrator that acts to develop and submit proposals for *grant* funding to public agencies, as well as proposals for *contracts* to private entities. The SJSURF is the named recipient and administrator for these awards. (Jerri Carmo, Director of Sponsored Programs, SJSU Research Foundation)
www.sjsufoundation.org
 - Funding requests submitted to private foundations are managed through the Tower Foundation and University Advancement. A presentation on how private fundraising works at SJSU to be announced.
www.sjsu.edu/towerfoundation
 - Together GS&R and SJSURF manage the compliance and process of submitting proposals to external sponsors (400 proposals annually).
www.sjsufoundation.org/html/sjsuf-news-info/comp-award-and-proposal.htm
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How Things Work at SJSU

- Regardless of funding source (public, private, grant, contract), there are CSU and SJSU policies pertaining to the development of proposals and the administration of funded awards.
 - Your Role as Principal Investigator/Project Director - it is important that faculty members engaging in research are fully aware of relevant policies that were developed to protect their interests and those of the university.
 - SJSURF and Academic Senate policies on research can be found at:
www.sjsufoundation.org/html/sjsuf-faculty-resources/research-policies.htm
 - The CSU Executive Order 890 on the administration of contracts and grants can be found at: www.calstate.edu/eo/EO-890.pdf
 - Future workshops will focus on policy and procedure.
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Benefits of Funding

- Opportunity to do what you love (research, training, community service)
- Release Time (change the proportion of time spent on activities)
- Overload (earn more salary during the AY or summer)
- Hire student assistants
- Travel (for yourself and students)
- Publication or presentation costs
- Student stipends
- Resources for curriculum development
- Training programs for students
- Supplies and equipment
- Recognition
 - Dossier and RTP (Center for Faculty Development) www.sjsu.edu/cfd/
 - Early Career Investigator Awards (SJSURF) www.sjsufoundation.org/pdf/ECL.pdf

Strategy: Balance your Professional Life

- Optimize relationships between teaching, research, scholarship, and service.
- Determine if you can involve students in ways that benefit them (enhance their education and training) as well as benefit your own scholarly productivity.
- Identify ways to fund your professional activity.

Strategy: Ways to Fund Research and Creative Activities

- *Grants* (both internal and external)
 - Basic and Applied Research
 - Training Grants/Workforce Development
 - Community Service
 - Curriculum Development
 - Equipment
- *Contracts* with specific deliverables (external)

Strategy: Initial Considerations

- Capitalize on work already initiated.
- Determine what will allow long term success.
- Determine the role of students in the process.
- Identify SJSU colleagues to collaborate with:
 - SJSURF Funding Alert System - www.sjsufoundation.org/html/sjsuf-faculty-resources/FundingAlertSignUp.htm
 - University Experts Database - <http://experts.sjsu.edu>
 - SJSU ScholarWorks - <http://scholarworks.sjsu.edu/>
 - CSU FRESKA - <https://fresca.calstate.edu>
 - Associate Dean for Research: Jerry.Flanzer@sjsu.edu
- Identify mentors and other advisors.

Strategy: Personal Assessment

- Determine where you are right now with respect to securing funding.
- Confident about writing a proposal and securing funding?
- Secured independent funding to date?
- Engaged in research and/or other funded activities now?
- Comfortable working on your own, or would help in securing funding be wise?

Strategy: More Initial Considerations

- Consider internal funding first.
- Those with grant experience consider pursuing both internal and external funding.
- Consider collaborative research opportunities through existing SJSU research units - www.sjsu.edu/gradstudies/oru
- Work closely with the Center for Faculty Development - <http://www.sjsu.edu/cfd/>
- Learn about CSU Systemwide Research Initiatives and Partnerships – <http://calstate.edu/research/mci>

Internal Funding Opportunities - Center for Faculty Development

- **RSCA (Research, Scholarship and Creative Activity) Program** - Probationary faculty, mid-career faculty and full professors are invited to submit proposals for funding to assist them as they advance an on-going RSCA project, or as they launch a new avenue of RSCA.
- **Student Success Program** - Faculty are encouraged to submit proposals for projects that support and/or engage San José State University students in a wide variety of curricular and co-curricular experiences including research activities.
- **Curriculum Innovation Project** - Awards made as part of this initiative are intended to draw together inter-departmental and inter-college teams of faculty, to design new courses and curricula, or to revise current offerings in order to support inter-disciplinary learning among our students
- **More information** found at: <http://www.sjsu.edu/cfd/grants>

CSU Systemwide Research Initiatives and Partnerships ***Funding Available**

- **Consortium of Applied Social Science Research Centers (CASSRC)** -13 research centers located throughout CSU campuses that provide research expertise.
- **CSU Program for Education and Research in Biotechnology (CSUPERB)*** - Promotes biotechnology workforce development by supporting innovative coursework and programs, research experiences, and core resources for faculty and students.
- **Agricultural Research Initiative (ARI)** - Agricultural and environmental research program joining the CSU and the state's agriculture industries.
- **CSU Council on Ocean Affairs, Science and Technology ***- Interdisciplinary collaborations to advance knowledge of natural coastal and marine resources.
- **Social Science Research and Instructional Center (SSRIC)** - Support users of subscription data bases from the Inter-university Consortium for Political and Social Research (ICPSR), the Field Poll, and the Roper Center, etc.
- **Water Resources and Policy Initiative (WRPI)*** - applied research and policy development that addresses all aspects of water use.
- <http://calstate.edu/research/mci/>

External Funding Opportunities

Each year hundreds of funding agencies partner with the SJSU Research Foundation to engage SJSU faculty and other university specialists to perform basic and applied research, public service and community projects, consulting, and other specialized educational activities.

Locating Sponsors and Funding Opportunities

- Upcoming Grant Application Deadlines
- Sign up to Receive Funding Alerts
- Federal Agency Funding Sources
- On-Campus Funding Sources

Searchable Funding Databases

- Sponsored Programs Information Network (SPIN)
- Community of Science (COS)
- Grants.gov
- Silicon Valley Funders Directory

Information Resources

- Office of Sponsored Programs Bulletin
- Information Resources for Behavioral Science Researchers
- SJSURF Library Holding and Reference

www.sjsufoundation.org/html/sjsuf-faculty-resources/locating.htm

SJSU Research Foundation

- The SJSU Research Foundation provides:
 - Pre-award Staff to help identify funding opportunities, develop (including budgets) and submit proposals
 - Post-Award Staff to help manage award expenditures
 - Workshops on external funding
 - Human Resources Staff to help with job posting, hiring, personnel
 - Accounting and Finance Staff to help with invoicing, purchasing, payroll
 - Administration for self-support projects
 - Assistance with Intellectual Property
 - Go to www.sjsufoundation.org
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Building a Funding Roadmap



Initial Directions

- Sign up for Funding Alerts so that you start to become familiar with external sources of funding and can plan ahead for future deadlines (SJSURF)
- Sign up for the SJSURF Office of Sponsored Programs Bulletin - go to http://lists.sjsu.edu/mailman/listinfo/osp_bulletin or send an e-mail to Nancy.Riley@sjsu.edu
- Get to know your Sponsored Programs Manager at the SJSURF - <http://www.sjsufoundation.org/html/sjsuf-faculty-resources/grant.htm>
- Attend Grant Workshops (TBA)
- Locate a mentor (Confer with your Chair and Dean)

Rules of the Road

- Talk with your Research Foundation Sponsored Programs Manager – EARLY!
 - Let your Chair and Dean know of your interest in submitting a proposal
 - Determine funding agencies (SJSURF can help)
 - Talk with Program Officer (GS&R and SJSURF can facilitate)
 - Understand the eligibility and criteria of the funding agency (SJSURF can help)
 - Tailor your ideas (or subset of ideas) to the grant application (SJSURF and GSR can help)
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More Rules of the Road

Areas of Compliance Review:

- Human Subjects
 - Animal Subjects
 - Curriculum Changes
 - Carcinogens
 - Radioactive Materials
 - Biohazards
 - Recombinant DNA
 - Cell Lines
 - Conflict of Interest
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Stops Along the Way

- Letters of declination - happens to us all...
- Resubmissions are the key
- Examine the reviewers' comments
- Get others' feedback
- Resubmit – often with additional preliminary results enhances the chances
- RTP process recognizes the submission, not the funding, of proposals



Learn More! Spring 2012 Workshops

Each semester we conduct a series of workshops that are focused on sponsored program funding. The details of the Spring 2012 workshop series are to be determined..

STAY TUNED!