Potential Funding for New and Early Career Faculty

March 13, 2014
Office of Sponsored Programs

Jeanne Dittman, Interim Director

Michele Vaccaro, Sr. Sponsored Programs Manager

Angela Mercado Au, Sr. Sponsored Programs Manager
Overview of Workshop

- Sponsored Programs Resources
- Where and How to Find Sponsors
- Who Funds New Faculty Research and Programs
How Things Work at SJSU
Infrastructure Supporting Sponsored Programs

The Associate Vice-President of Graduate Studies and Research
- Chief Research Officer of SJSU
- SJSU President’s designee to approve proposals submitted for external funding.
- In her role as AVP, Dr. Pamela Stacks reviews and signs every proposal submitted from SJSU. [www.sjsu.edu/gradstudies](http://www.sjsu.edu/gradstudies)

The SJSU Research Foundation
- SJSU President’s designee to serve as the campus Sponsored Programs Administrator or SPA.
- Authorized to develop & submit proposals (pre-award), receive & administer awards (post-award). University Advancement Corporate and Foundation Relations is also authorized to submit to private and corporate sponsors.


Sponsored programs and external funding are key elements of the **SJSU Strategic Plan**, providing additional funding for technology, research and scholarly works, unbounded learning, and service learning. Visit the **SJSU President’s web page** on the SJSU website for more information. [http://www.sjsu.edu/president/strategicplanning/](http://www.sjsu.edu/president/strategicplanning/)
The Role of the Tower Foundation

- The Tower Foundation is the university’s philanthropic foundation.
  - Established to encourage connections between alumni, donors, and the community.
  - Dedicated to growing the university’s endowment through donations, bequests, grants, and major gifts.
  - Works with faculty and university administration to develop requests for grants and gifts submitted to private foundations and corporations.

Grant proposals from the Tower Foundation follow the standard internal routing process, with the final review done by the AVP for Graduate Studies and Research.

- The Research Foundation and the Tower Foundation collaborate to ensure consistency with the university.
Five Year CFR Commitment History

Corporations
Foundations

$0
$1,000,000
$2,000,000
$3,000,000
$4,000,000
$5,000,000
$6,000,000
$7,000,000

2008-09 2009-10 2010-11 2011-12 2012-13

SJSU Research Foundation 03132014
Corporate & Foundation Relations Team

Contact Information:

- **Diane Satriano, Director**
  Corporations
  Ext. 4-3410

- **Eric Bonesteel, CFR Officer**
  Corporations
  Ext. 4-1493

- **Paul McNamara, Foundation Officer**
  Foundations
  Ext. 4-1471

- **Lisa Peckler, CFR Officer**
  Foundations
  Ext. 4-1139
Early Career Grants – Private Sponsors

- Alzheimer’s Association New Investigator Research Grants
- American Foundation for Suicide Prevention
- Andrew Mellon – Early Career Grant
- Camille Dreyfus Teaching Scholars
- Early Career Grants for Psychology
- Elsevier Foundation – Early Career Women Scientists
- Petroleum Research Fund Doctoral New Investigator Grants (DNI), American Chemical Society
- Robert Wood Johnson New Connections Program
- The National Academy of Education/Spencer Postdoctoral Fellowships
- Thrasher Fund – Early Career Awards
- WT Grant Scholars
Life Cycle of a Sponsored Project

Sponsored Program Administration
Proposal Submission (pre-award)
and
Project Management (post-award)

- New Project
  Notify SPA of Intent to Submit

- Proposal Development

- Internal Clearance

- Pre-Award Submission & Sponsor Review

- Post-Award Negotiation & Acceptance

- Project Monitoring

- Annual Progress Report

- Spending Money

- Project Closeout: Final Report, etc.

- Establishment of New Project Account

- Transition from Pre-Award to Post-Award

- Project Completion

- Post-Award Processes

- Non-competing Continuation

- Competing Continuation

SJSU Research Foundation 03132014
Basic Proposal Process

- Find a Sponsor
- Find and Read the Guidelines
  - Determine deadlines
  - Determine requirements
- Follow the Guidelines
  - Write the proposal
  - Create the budget
  - Prepare required documents
  - Comply with all requirements!
Pre-Award Services

- Searches: Sponsors, Programs, Guidelines
- Proposals: Development and Submittal
- Budgets
- Signature Requirements
- Contracts and Grants Negotiations
Post-Award Services

- Financial Management
- Human Resources and Payroll Administration
- Intellectual Property Management
- Regulatory Compliance
How do I Locate External Funding Opportunities?

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)
   - Grants.gov
   - “Google”

Information Resources
   - Office of Sponsored Programs Bulletin
   - Staff to Help with Individual Searches
   - SJSURF Web Site: www.sjsufoundation.org
   - Resources to Advance Your Research: http://www.sjsu.edu/discover/research/resources/
   - Locating Funding: www.sjsufoundation.org/html/sjsuf-faculty-resources/locating.htm
Fellowships vs. Program Grants

Fellowships are merit-based financial awards that support training and educational or career advancement.

Faculty Fellowships
Allow faculty the opportunity to pursue a project that directly contributes to teaching and learning, as well as to the research interests and capabilities of the faculty. In most cases the individual will be on tenure track faculty appointment.

Post-Doctoral Fellowships
Support high quality research training or teaching experiences in new settings to maximize the acquisition of new skills and knowledge. They also provide for active mentoring by the sponsoring faculty who will benefit from having a post doctoral fellow in their research group. Individuals who have received their doctoral degree (or equivalent) in 2009 or after are eligible.

Program Grants are financial awards that assist with research. Usually requires deliverables and must adhere to the sponsor’s specific regulations.
Potential Sponsors

- Agency for Healthcare Research and Quality
- National Aeronautics and Space Administration (NASA)
- National Endowment for the Humanities
- National Institutes of Health
- National Science Foundation
- Nuclear Regulatory Commission
- U.S. Department of Commerce
- U.S. Department of Defense
- U.S. Department of Education
- U.S. Department of Energy
- U.S. Environmental Protection Agency
Programs of Special Interest

National Institute of Health
Career Development Awards (K-Awards)
- K01-Mentored Research Scientist Development Award
- K02- Independent Scientist Award, K05-Senior Scientist Award
- K05 - Established Investigator Award in Cancer Prevention & Control
- K07 -Academic Career Award
- K08 - Mentored Clinical Scientist Research Career Development Award
- K12 -Mentored Clinical Scientist Development Program
- K18 - Career Enhance Award (for Stem Cell Res.)
- K22 - Career Transition Awards
- K23 - Mentored Patient-Oriented Research CDA
- K24 - Midcareer Investigator in Patient-Oriented Research
- K25 -Mentored Quantitative Research Career Development Award
- K26 -Midcareer Investigator Award in Mouse Pathobiology Research
- K30 - Clinical Research Curriculum Development
Programs of Special Interest

Career Development Awards (K-Awards) Eligibility:

Individuals with a Research Doctorate or Health-Professional Doctorate

Individuals with a Research Doctorate should consider:
K01, K02, K05, K07, K18, K22, K25 and K26

Individuals with a Health-Professional Doctorate should consider:
K07, K08, K12, K18, K23, K24, K25, and K26
Programs of Special Interest

NIH – Academic Career Awards (K07)
Provides salary support to PI’s interested in improving or introducing curriculum in a particular scientific field. Project period may not exceed five years.
Deadlines – February, June, October

NSF – Faculty Early Career Development Program (CAREER)
Supports junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the content of the mission of their organizations.
Deadline – July of each year.
Programs of Special Interest

**U.S. Nuclear Regulatory Commission – Faculty Development Grant**

Supports nuclear science, engineering, and related disciplines to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials. Three year project period. Not renewable.

**Deadline – March 31, 2014**

**National Aeronautics and Space Administration (NASA) – Early Career Faculty (ECF)**

Seeks proposals that plan to pursue innovative, early-stage space technology research in specified areas. The PI must be a recent Ph.D. recipient, defined as having graduated on or after January 1, 2007.

**Award Duration: Up to three years.**

**Deadline – March 14, 2014**
You Have Resources!

- The Guidelines
- You Will Get Better With Practice
- Mentor Review
- Proposal Writing Class
- Proposal Writing Job Aides and Articles
- NSF Proposal Writing Guide
General Tips

- Talk with your chair and dean early in the proposal process.

- Let your chair and dean know of your interest in submitting a proposal.

- Determine funding agencies.

- Understand the eligibility and criteria of the funding agency.

- Tailor your ideas (or subset of ideas) to the grant application.
Other People You Should Know

Human Subjects – Institutional Review Board (IRB)
Alena Filip, IRB Coordinator, (408) 924-2479 or alena.filip@sjsu.edu

The collection of data from humans, including surveys, interviews, questionnaires, web forms, evaluations in which opinions are sought, etc., all require IRB review (application or request for exemption). Requires NIH Online Training (2 hours).

GS&R IRB Website:  http://www2.sjsu.edu/gradstudies/Research/irb.html

Animal Subjects – Institutional Animal Care and Use Committee (IACUC)
Larry Young, IACUC Coordinator, (408) 924-4929 or lyoung@science.sjsu.edu

SJSU has established an IACUC, which is qualified through the training and expertise of its members to oversee the institution's animal care and use program, university facilities, and all animal-related activities.

GS&R IACUC Website:  http://www.sjsu.edu/gradstudies/iacuc/
Sponsored Program Administration
Proposal Submission (pre-award)

and

Project Management (post-award)

Life Cycle of a
Sponsored Project

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- Spending Money
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- Transition from Pre-Award to Post-Award

Project Completion

Outstanding Issues

Pre-Award

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SJSU Research Foundation 03132014
Awards Received Fiscal Year 2012-13

Applied Sciences and Arts $3,682,233
Business $3,452,600
Education $3,655,243
Engineering $897,895
Humanities and the Arts $430,787
Science $5,195,203
Moss Landing Marine Laboratories $11,751,607
Social Science $15,006,660
University Programs $3,357,354
Total $47,429,582
Learn More!

SJSU Research Foundation
Spring 2014 Workshops

April 17 – National Institutes of Health R15 AREA Program
MLK Library 255/257  11:30 am – 1:00 pm

May 8 – Advanced Budget Workshop
MLK Library 255/257  11:30 am – 1:00 pm