UCSF Faculty Development Day:
Funding Your Research Beyond the NIH
Introductions

Claire Brindis, DrPH (moderator)
- Professor, Department of Pediatrics, Division of Adolescent Medicine and the Department of Obstetrics, Gynecology and Reproductive Sciences
- Director, Philip R. Lee Institute for Health Policy Studies
- Executive Director, National Adolescent and Young Adult Health Information Center (NAHIC)
- Director, Bixby Center for Global Reproductive Health

Kathy Lee, RN, PhD, FAAN
- Professor, School of Nursing
- James P. and Marjorie A. Livingston Endowed Chair in Nursing
- Associate Dean for Research, School of Nursing
- Assistant Director, CTSI Comprehensive Mentoring Program

Olivia Herbert, MBA
- Executive Director, University Development

Gretchen Kiser, PhD
- Director, Research Development Office
Types of NIH Grants: Investigator-initiated or response to PA or RFA

**R01 Research**
- PI defines scientific focus based on interest and competence
- PI writes application and is responsible for conducting the research, but official applicant is UCSF
- 1 to 5 years, $250,000/yr (modular budget) <$500,000/yr

**R03 Small Grant**
- Small research projects, short time period, limited resources
- Pilot studies, secondary data, new methods or technology
- 2 years, $50,000/yr.

**R21 Exploratory/Developmental**
- New, exploratory, developmental; potential to advance health-related research; risky, potential for major impact
- Must be distinct from R01
- 2 years, up to $275,000 total

R01 is a better investment (time & effort) for early career PI
Other NIH Awards

*K Award* – *Training grant*
- Provide support and protected time (75%) for new faculty
- Primarily for researchers at the beginning of their careers
- Provide a transition to full independent research awards
- Evaluated on training plan and research plan
- *(PI)* Award (K99/R00)

*K99/ R00* – *NIH Pathway to Independence*

*F Award* – *individual training grant*

*T Award* – *institutional training grant*

*U Award* – *Cooperative agreement*

*P Award* – *Program Project Grant (Centers)*
- Support for integrated, multi-project research projects involving a number of independent investigators who share knowledge and common resources
Pearls about NIH

See NIH Video – review process:  
http://www.youtube.com/watch?v=kfgzdLe92c0

visit NIH website and do a search on your area.  
http://grants.nih.gov/grants/oer.htm

Sign up for PIVOT, and read NIH announcements.
Where are you most likely to be successful?
In NIH RePORTER, go to links and see “success rates”

<table>
<thead>
<tr>
<th>Mechanism</th>
<th>Number submitted</th>
<th>Number funded</th>
<th>Success Rate</th>
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<td>R01</td>
<td>3,554</td>
<td>443</td>
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<td>R03</td>
<td>496</td>
<td>61</td>
<td>12.3%</td>
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<tr>
<td>R15</td>
<td>114</td>
<td>21</td>
<td>18.4%</td>
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<tr>
<td>R21</td>
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<td>107</td>
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<td>183</td>
<td>38</td>
<td>20.8%</td>
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<tr>
<td>R44</td>
<td>35</td>
<td>13</td>
<td>37.1%</td>
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# NIH Reporter – 2012 success rates

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<tr>
<th>NICHD</th>
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<tr>
<td>K99</td>
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<td>16</td>
<td>25.8%</td>
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Beyond NIH….

Research Agenda –

a. Who else is conducting research in this arena at UCSF? Outside of UCSF?

b. Collaboration in fund development?

c. Existing grant leading to other opportunities?

d. Use Profiles as another tool for networking
Beyond NIH

Self-Assessment of Your Research Portfolio

   a. Components that need “proof of concept” opportunities (RAP grants) as compared to those that are ready for fuller “testing”.

   b. Landscaping - Research Funding Dimensions -

      * Who supports research (funding mentioned in professional papers);

      * Other sources of information – Foundation Center
Beyond NIH….

Detective Homework - Who funds in this arena?

a. Non-NIH Government Funding – Department of Health and Human Resources, CDC

b. Non - Traditional “Health” – Department of Defense

c. State Departments of Health – Contracts, Program Evaluation

d. Professional Associations – Cancer, Heart, Lung, ALS!

e. Other Private and Public Funders
Beyond NIH

Other funding “to dos”:

a. Diversification of funding streams

b. Diversification of timelines

c. Translation of research into the next set of projects – Phase 1 vs. beyond

d. Integrating community “service” and funding opportunities

e. Leveraging existing funding with other streams
The total process by which an organization increases public understanding of its missions and acquires private financial support for its programs.

Philanthropy is about people voluntarily donating time and money to make a difference.

At UCSF, the University Development and Alumni Relations manages development efforts.
Philanthropy in the US

Where The Money Came From In 2013

Americans Gave $335.17 Billion In 2013

| Source: CCS Fundraising Worldwide, Snapshot of Today’s Philanthropic Landscape, 2014 |
Why do People Give?

Donors Give Based On The Impact Of Their Gifts
Analysis of Interview Results of 32,000+ Non-Profit Stakeholders Since 2011

- Impact of Gift: 83%
- Ability to Give: 64%
- Religious/Moral Obligation: 53%
- Owe the Community: 50%
- Being Asked: 47%
- Financial Relief/Tax Benefit: 22%

Source: CCS Fundraising Worldwide, Snapshot of Today’s Philanthropic Landscape, 2014
Development Office Resources

- Planned Giving
- Corporate and Foundation Relations
- Annual Giving
- Donor Relations and Communications
- Major Gift Officers
Working with Development

• Accessing Development: Talk to your Chair, Chief, Director

• Setting Your Vision

• Identifying Your Audience

• Evaluating Opportunities
  ➢ Patients and Families
  ➢ Former Trainees
  ➢ Foundations and Corporations
  ➢ Crowdfunding
  ➢ Your Network
Developing Grants and Contracts –

Finding the help you need (http://osr.ucsf.edu/)
RDO help

**Define Collaborative Research Team**
- BTIR (team science)
  - Brainstorming new ideas and approaches
  - Sparking novel collaborations
  - Getting the most from teams
- RAP (Intramural funding ops)
  - Pivot db searches
  - LSP (limited submission ops)

**Individual PI**
- Pilot $$
- Find $$ ops

**Prepare large team proposal**
- LGDP (>$$1M/y grant development)

**Prepare R01-style proposal**
Finding Funding Ops

Find Funding Opportunities

- Intramural Funding
- Extramural Funding

Limited Submission Program
- Current LSOs
- Calendar of Recurring LSOs
- More About the LSP

Pivot Training

Related FAQs
- Where are the forms I need?
- How do I submit a subcontract request?

Related News
- Allowable costs on NIH supported clinical trials under FDAAA

Even the most innovative, effective, and relevant research endeavors cannot be successful without sufficient financial support. The UCSF OSR supports funding efforts from both intramural and extramural sources. Below you will find a description of the major categories of research funding and how to find specific opportunities that best fit your research idea.

- Intramural Funding
- Extramural Funding
Pivot Funding Op Database

Pivot Funding Opportunity Database is one of the most comprehensive searchable funding opportunities databases available, with approximately 10,000 opportunities that are private, federal and international in nature. Pivot allows researchers to search funding opportunities, save results, set automated funding alerts, and identify potential collaborators.

Pivot is free to all UCSF faculty, staff, and students. To create an account, go to the Pivot registration page and follow instructions. Registration must be done from a UCSF IP-authenticated computer. Once your account is registered, you may access your account and all Pivot’s features from any computer.

Pivot Training:
An interactive user training is available through the Research Development Office (RDO). For more information, contact Gail Fisher at 415/502-1807.
RAP – a one-stop shop for many campus intramural funding ops (http://rap.ucsf.edu/all-grants)
LSP – selection of limited submission funding ops
(http://osr.ucsf.edu/content/limited-submission-program-lsp)
Large Grant Development Program (LGDP)

Manager: Erin M. Bank, PhD
erin.bank@ucsf.edu