Diversifying Your Portfolio: Non-NIH Sources of Funding

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Intramural Grant Programs

• CTSI Clinical Scholars Program
• Institutional Seed Grants
• Institutional KL2 career development awards e.g. CTSI and others
• Other K series mentored awards from NIH
• K90/R00 awards
What are the Extramural Research Opportunities?

**Major Sources:**

- Investigator Initiated Grants (RO1)
  - NIH – National Institutes of Health
  - NSF – National Science Foundation
  - ACS – American Cancer Society
  - AHA – American Heart Association

**Other Sources:**

- Program Project Grants (PO1, NIRT etc..)
- Other Government (DOD, DOE, DARPA…)
- Large Foundations (HHMI, Keck, etc…)
- Small Foundations
- Industry
- Private donors
Office of Contract & Grant Administration

Site Links
Note: You can also access these site areas via the menu above:
- Research Funding
- Proposal Preparation
- Forms & Templates
- Policies & Procedures
- Clinical Trials & Industry Research
- Conflicts of Interest in Research
- Electronic Research Administration
- Research Policy Index -- An alphabetical listing of UCLA, UC, and Federal links to research policies, procedures, and information

Important Updates
(“Important Updates” section updated on 08/31/2004)

PRINCIPAL INVESTIGATOR ROLE AND RESPONSIBILITIES
On August 11, 2004, VC Perez issued a memo reminding all research faculty and staff about the Principal Investigator’s critical role and responsibilities for the design, conduct, and reporting of their research as well as supervision of employees, students, and postdoctoral fellows.

Click here to view the memo.

ACCEPTANCE OF INCENTIVE PAYMENTS, GIFTS & GRATUITIES
On March 12, 2004, EVC Daniel Neuman issued a guidance memo reminding all employees of University policy regarding the acceptance of gifts and gratuities. See link below.

Click here to view the guidance memo.

NIH SALARY CAP Q&A UPDATE (06/25/2004)
The NIH Salary Cap Questions and Answers page has been updated.

Click here to view the new version.

IMMIGRATION VISA PROCESSING
On October 30, 2003, VC Perez issued a memo to Deans, Directors, Department Heads, and Administrative Offices memo as guidance on the charging of immigration visa application fees, legal assistance fees, and visa processing recharges.

Click here to view the memo (PDF format).

AUGUST 2003 MEMORANDUM FROM VC ROBERTO PEREZ ON CONFLICT OF INTEREST IN RESEARCH
On August 14, 2003, VC Roberto Perez issued a memo in conjunction with the recent release of UCLA Policy and Procedures...
• Distribution of Funding Agencies Contacts and Funding opportunities
• Submission of grants and contract applications
• Provide pre-proposal consulting with investigators to ensure realistic budgeting, accuracy, and compliance with institutions
• Coordination with internal compliance committee.
• Set up awards internally, including communicating agency restrictions.
• Reconcile and close out projects and transmit progress and final reports to agencies.
• Confidentiality Agreements
• Material Transfer Agreements
• Contracts Negotiation
Foundation Funding
Check with your Grants and Contracts office for Information

American Federation of Aging Research
American Heart Association
American Diabetes Association
California Endowment
California Wellness Foundation
Dermatology Foundation
Emergency Medicine Foundation
Juvenile Diabetes Foundation International
Lifeline Foundation, The
March of Dimes Birth Defects Foundation
National Kidney Foundation
Robert Wood Johnson Foundation
Susan G. Komen Breast Cancer Foundation
Programs Funded by American Heart Association
(http://www.americanheart.org)

- Pre-doctoral
- Post-doctoral
- Fellow-to-Faculty Transition Award
- Beginning Grant-In-Aid
- Established Investigator Award (suspended)

- National Clinical Research Program (Early Career Investigators)
- National Scientist Development Award (Beginning scientist
American Heart Association

Fellow-to-Faculty Transition Award

Provides funding for trainees with outstanding potential for careers as physician-scientists in cardiovascular or stroke research during the crucial career development from the completion of research training through the early years of the first faculty/staff position. Physicians who hold an M.D., D.O., M.D./PhD. (not Ph.D.) or equivalent doctoral degree are eligible.
American Heart Association

National Clinical Research Award

• Encourages early career investigators who have appropriate and supportive mentoring relationships to engage in high quality introductory and pilot clinical studies.
American Heart Association

National Scientist Development Grant

Supports highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator.
Other Funding Mechanisms for Junior Investigators (PhDs/MDs)

• California Breast Cancer Research Program – IDEAS for new investigators, post-doc, <3 years as independent investigator, $100-150K

• Tobacco Related Disease Research Program – Exploratory and Developmental Research: preliminary data/proof of concept ($125K x2 y) Research Project: fully developed projects (150K x 3y)

• American Diabetes Association – Junior Faculty Award (new investigators) $120K x3y Career Development Award (Asst. Prof) $150K x5y
Foundation Grants

- Go to the web-site and check out the details
- Discuss your application with the grants and contracts office
- Ensure the aims of the study fits the goals of the foundation and will provide meaningful outcome
- Start preparation for the application early
- Obtain external review when possible
- Each foundation has different application deadlines and formats
- Some may not use the “just in time” mechanisms for IRB and other regulatory approvals.
Industry Supported Grants

– Investigators initiated, industry supported grants (investigator develops hypothesis, aims and design of study, applies to industry for a grant to conduct the study)

– Industry initiated, industry sponsored studies (single or multi-center clinical trials, industry designs and monitors study, investigators participates as sites for the clinical trial)
Industry Supported Studies

*Investigators initiated, industry supported studies*

- Similar to grant application to foundations
- Hypothesis, Aims, Study Design, Biostatistics developed by investigators
- Usually involves marketed product or those in development by the industry sponsor
- Conduct of the study under good clinical practice (ICH guidelines) are the investigators’ responsibility
- Industry may request review of results before publication
Industry Supported Studies

**Industry initiated, industry sponsored studies**

- Study designed and originated by sponsor
- Only minor changes to protocol sometimes possible
- Investigator and site selected by sponsor
- Monitoring of study conducted by sponsor to meet FDA and Fed Regulations
- Data analysis done by sponsor’s biostatistician
- Study report written by investigator/scientific writer
Industry Supported Studies
Industry initiated, industry sponsored studies

– Read the protocol carefully
– Ensure the protocol is scientifically interesting
– Assess adequate participants required by the study
– Contact CTSI “facilitator”
– Contact the grants and contracts office early to initiate contract negotiations
– Contact grants and contracts for assistance in developing budgets
Industry Supported Studies

Industry initiated, industry sponsored studies

- Budgets based on per subject
- Discuss with your clinical trials expert
- Develop a budget to cover your time and effort and also that of your team
- Never under budget
- Your team should be able to meet or exceed the commitment for recruitment for any study
## Industry Sponsored Study Budgets

<table>
<thead>
<tr>
<th>Procedures</th>
<th>Unit Cost</th>
<th>Screening Up to 30 Days</th>
<th>Treatment Period 1</th>
<th>Treatment Period 2</th>
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<td>Days 2 - 5</td>
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<td>Subject Inconvenience Cost</td>
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Visit Totals without Overhead: $671, $480, $280, $1,355, $1,065

Overhead: 29.5%

Grand Totals including Overhead: $869, $622, $363, $1,755, $1,380

PI Fee: $150

Coordinator: $100

Administrative Fee: $50

Fee Totals without Overhead: $300, $300, $300, $300, $300
Industry Supported Studies

Industry initiated, industry sponsored studies

- Recruitment and retention of study participants crucial to the success of your participation in clinical trials
- Experience and enthusiasm of the study coordinators critical
- Learn Good Clinical Practice
- Review inclusion and exclusion criteria very carefully
- Obtain IRB and other regulatory approvals early
- Start recruitment and aim at recruiting more and faster than any other participating sites
Industry Supported Grants

Industry initiated, industry sponsored grants

- Attend and actively participate at the investigators’ meetings
- Express concerns and make suggestions to improve the protocol
- Identify the key personnel and your contacts for the proposed study
- Meet with your study team frequently to resolved issues
- Review all AEs and sign all reports and forms within a short period of time e.g. 2 to 3 days
- Meet with study monitor at each visit, debrief with team after monitor’s visit
Industry Supported Grants

Industry initiated, industry sponsored grants

- Usually sponsor selects a Principal Investigator for the study (experienced researcher in the field)
- Be the PI if possible
- Discuss authorship of publications early
- Authorship on publication frequently depends on the number of subjects your site has enrolled
- Volunteer to write or review manuscript if possible
Industry Sponsored Studies

- Gain experience in design and conduct of clinical trials
- Develop team of support personnel for conduct clinical and translational research
- Play a role in drug development to improve health and treat diseases
- Contribute to scientific literature on therapeutics
Example of Successful Industry Academic Collaboration

• Sponsor contact our group to develop a transdermal androgen
• Protocol developed jointly by investigators and sponsor and approved by FDA
• Multicenter clinical trials initiated with our group as PI
• Study completed, study report reviewed by our group
• NDA application submitted by sponsor and approved
  New transdermal gels available as new delivery system of androgens
• New products accepted by many hypogonadal men
• Lead site for many other androgen replacement studies
• Investigators elected to be on National and International guidelines committees
Example of Successful Industry Academic Collaboration

**Publications:**


Other Studies
Buccal, Transdermal, Oral Androgens


