Managing Your Research Career
Behavioral and Clinical Sciences

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UCSF Faculty Development Day
September 12, 2017

Outline

- Managing Time

- Building a research portfolio

- Obtaining funding

- Writing papers

Time is your most valuable resource

- Always more to do than time available
- No one else will protect your time
- Time spent on one thing
        = time <u>not</u> spent on another
- Think about whether you would want to do this tomorrow (not in the distant future)
- Remember: you will feel just as busy later

Managing Time

	Important	Not Important
Urgent	A	B
Not Urgent	C	D

Managing Time

	Important	Not Important
Urgent	A	B
Not Urgent	C	D

Some Time Management Strategies

- Hire help whenever possible

- Delegate tasks as much as possible

- Set time aside for writing

- Set blocks of time to think

- Turn off email and minimize other distractions

- Negotiate with Chair for protected time

- Decide on % time devoted to research, teaching, clinical practice, administration

Panelist Tips
on Time Management

Outline

- Managing Time
- Building a research portfolio
- Obtaining funding
- Writing papers

Building a Research Portfolio

- Establish yourself in your Department
- Create realistic 5 year plan that builds on itself
    - Some ideas not fundable (reasons other than science)
- Great when one grant can provide pilot data for the next
- Identify strong mentors diverse in discipline and expertise
- Co-Investigators and collaborators in/outside UCSF
- Community partnerships
- Industry collaborations and partnerships

Building a Research Portfolio cont.

- Labor – Talent Selection & Acquisition
  - Research assistants (hire carefully)
  - Pre-doctoral students (medical/dental/nursing/pharmacy/grad)
  - Post-doctoral fellows
  - Volunteers (foreign, undergrad, pre-med, SFSU, USF, UCB)

- CTSI resources (http://accelerate.ucsf.edu/)
  - Find mentors, collaborators
  - Research consulting and other services, access to databases
  - Partnerships with community, industry

UCSF Accelerate

Access services to enable research

Powered by CTSI

Home ▾ | **Conducting Research** ▾ | **Training** ▾ | **Funding** ▾ | **For Community Partners** ▾

ℹ **Resource Finder**

e.g., data analysis, K Library 🔍

Questions? Ask a Research Navigator

Research Consultation »»
Get help with Biostatistics, Study Design, Implementation & more

Clinical Research »»
Services include Inpatient, Outpatient, Nursing, Sample Processing & more

Training Opportunities »»
Develop your clinical & translational research skills

How To...
Recruit Study Participants
Write a Grant Proposal
Work with Community
Work with Industry
And more »

Data Resources
Informatics Tools
Data Management and Extraction
Comparative Effectiveness Research
Large Dataset Inventory
And more »

Important Dates

JUN **15** Programming Workshops: SQL for Beginners and Python/R

JUN **16** Introduction to the OptumLabs Data Assets

See more events & deadlines »

Featured Research Service

Successful Proposal Libraries
Learn by example: view successful UCSF funding proposals — K Series, T32, Diversity Supplement and PCORI applications

Other Essential Resources
🔍 UCSF Cores Search
👤 UCSF Profiles
⭕ UCSF Open Proposals
(RAP) Research Allocation Program (RAP)
⚙ Clinical Research Resource HUB

Home »

Conducting Research

Questions? Ask a Research Navigator

Resources available to all researchers at UCSF and affiliated institutions

Get Research Advice
> Consultation Services
> Talk to a Research Navigator

Conduct Clinical Studies
> Clinical Research Services
> Recruitment Services
> Data Safety Monitoring Protocol Library
> Sample Size Calculators
> Maximizing Email Survey Response Rates
> Additional Clinical Research Resources

Find & Collaborate with Experts
> Collaboration Resources
> Global Research Projects

Work with Data & Technology
> Informatics Resources
> Comparative Effectiveness Research (CER) Resources
> Work with Large Datasets
> Large Dataset Inventory
> Digital Health Resources

Engage with Research Partners
> Work with Community
> Work with Industry FAQ
> Preclinical CRO Vendor Program
> Catalyst Awards

Clinical Research Resources at a Glance

Download a handy list of Clinical Research Resources available to all investigators at UCSF and affiliated institutions (pdf 100 KB)

Additional Resources

Clinical Research Resource HUB

Biospecimen Resources (BIOS) Program

Office of Research

Office of Sponsored Research

Institutional Review Board (IRB) / Human Research Protection Program (HRPP)

Library and Center for Knowledge Management

Academic Affairs Resources for Researchers

Gartner Research Portal

Other Essential Resources

🔍 UCSF Cores Search

UCSF Profiles

Home | Conducting Research | Training | Funding | For Community Partners

Search this Site

Home » Conducting Research »

Request Consultations to Help with Your Research

Rate information

- Consultation Services Recharge Policy - initial hour is free per project.
- Services marked ⑤ below are free for the entire consultation period.

Find out what we offer for each stage of research:

Proposal Development   **Conduct of Research**   **Data Analysis**

Or browse all services:

Study Design & Implementation

Recruitment Services

Data Management & Extraction

Biostatistics & Bioinformatics

Community-Engaged Research ⑤

Regulatory & Ethics ⑤

Practice-Based Research Design and Recruitment (SF Bay CRN)

VA Data Core

Data Resources

Access Electronic Health Record (EHR) Data for Research:

UCSF APeX & ZSFGH

VA Data Core

Five Common Data Extraction Scenarios

Access Public Data:

Large Dataset Inventory

Additional UCSF Data Resources:

REDCAP collect & manage data

OnCore clinical trial management

Library Research Support bioinformatics & data management

Informatics Resources

The Self-Help Shelf

Sample Size Calculators

Randomization Tools

Table 1 SAS Macro *(UCSF access only)*

Recruitment Resources Tip Sheet

New Recruitment Approaches Webcast and Q&A

6 Keys to Online Study Recruitment

UC ReX: identify potential research

What is free:

1. The **initial consultation** with each of our Consultation Services Units (Biostatistics, Design, Ethics and Data Management), up to **1 hour**, is free for any project based at UCSF and affiliated CTSI institutions.

2. Investigators writing **grants that include a biostatistician** as a co-investigator for at least 10% effort will receive up to **20 additional free hours** of consultation and writing assistance from Division of Biostatistics in support of the grant application.

What is not free:

1. Subsequent consultations and work done by consultants after the initial consultation.

2. Review of a manuscript or grant (beyond that offered above), unless the question for the consultant is very focused and can be accomplished within the initial consultation.

3. Performance of statistical analysis and hands-on database work, even if a full initial hour of consultation has not been used.

If you anticipate that you will need more than 1 hour of services from any Consultation Services Unit, please check the box indicating this and fill out the recharge information section of the Consultation Services Request Form as best you can. We will contact you or a designated financial analyst as needed, and start scheduling additional services when fund information has been verified. Please contact Consultation Services administration (ctsi.consulting@ucsf.edu ✉ or 415-514-8086) with any questions.

All billing for Consultation Services occurs monthly, following the month of service.

Recharge Rates

CTSI Consultations are supported by the National Center for Advancing Translational Sciences, National Institutes of Health, through **UCSF-CTSI Grant Number UL1TR00004**. UCSF users paying via UCSF recharge are charged the internal rate which includes the NCATS subsidy; affiliates noted below are charged the full cost of service; external clients are charged the full cost of service plus 26% indirects.

To pay by recharge, you'll need to provide either a speedtype or chartstring.

Hourly rates and corresponding subsidies for July 1, 2016-June 30, 2017 are:
- $200/hour for faculty consultants (services provided after initial consultation)
- $170/hour for senior staff consultants
- $100-$120/hour for staff analysts and consultants
  (Please note that Biostatistics analyst rates are $110 hour—this rate includes an additional subsidy by CTSI in order to keep the service accessible and affordable for researchers.)
- See details for external rates and subsidies (PDF 70KB)

Home » Conducting Research

Welcome to Clinical Research Services (CRS)

Questions? Ask a Research Navigator

Make Us a Partner in Your Research Plans

CTSI Clinical Research Services (CRS) integrate seven clinical sites across San Francisco and Oakland that provide an array of adult and pediatric services and translate promising clinical research ideas into successful protocols.

Recharge Rates & Budgeting

- Budget Request Application (docx)
- Costing Turn-Around Policy (pdf)
- Recharge Rates - September 2016 (pdf)
- Top 500 Research Codes (xlsx)
- Recharge Rate Announcement (pdf)

> **Guidelines & Application Process**
> Questions? Please email Eunice Stephens ✉ or call 415-830-2369.

Clinical Research Services & Facilities

Click on the facility name or service of interest below for more information.

	Zuckerberg San Francisco General Hospital	UCSF Parnassus	Mount Zion Hospital	Benioff Hospital Pediatrics & NCRC	Mission Bay Clinical Lab	CHORI Children's Hospital Pediatrics & Adults	Veterans Affairs Medical Center
Inpatient Services	✓	✓		✓			
Outpatient Services	✓	✓		✓		✓	✓
Nursing Services	✓	✓		✓		✓	✓
Phlebotomy	✓	✓		✓	✓	✓	✓
Sample Processing	✓	✓	✓	✓		✓	✓
Body Composition & Exercise		✓					
Newborn Intensive Care				✓			

Note: the Neurodevelopment Testing service is temporarily unavailable, and the Bionutrition service has been discontinued.

Learn more about our work by exploring CRS Publications

How to Work with CRS

Clinical Research Services
Nursing
Phlebotomy
Sample Processing
Body Composition & Exercise
Facilities & Contacts
Guidelines & Application Process
Frequently Asked Questions
CRS Forms
Recharge Rates - Current
Resources for Grant Applications
Scientific Review Only
Holiday Closures

UCSF Clinical Research Resource HUB

Clinical research tools, templates, guidance and go-to

Home » Conducting Research »

Work with Large Datasets

More Information

Work with Large Datasets

Large Dataset Inventory

Data Use Process

Online Browsable Datasets

Additional Dataset Resources

Comparative Effectiveness Research Resources

Comparative Effectiveness Research Funding Opportunities

Informatics Resources — learn about Research Electronic Data Capture, MyResearch secure data hosting, Integrated Data Repository, and more

Use Large Datasets, Available at No Cost

Available Datasets

- American Hospital Association annual survey
- Area Resource Files
- National Inpatient Sample
- Kids' Inpatient Database (KID)
- National Emergency Department Sample (NEDS)
- selected State Inpatient Databases (SID)
- selected State Emergency Department Databases (SEDD)
- Death Master File

Data Use Process: Simple application process and a secure remote data environment

Find Large Datasets

- The Large Dataset Inventory helps scientists find the best datasets for your project.
- Information on **80+ local and national health datasets** searchable by population, time frame, study design, unit of observation.

How to Use Large Datasets in Research

- Find facts and figures for your proposal, manuscript, and presentation background.
- Learn more about using Online Browsable Datasets

Consultation Services

UCSF faculty and senior staff provide advice in:

- Study design/conceptualization
- Addressing common methodological issues in analysis of observational data
- Data dataset selection
- Dataset acquisition
- Administrative support
- Dataset uploading and downloading
- Query design and cohort selection
- Dataset cleaning
- Dataset linking
- Programming support
- Collaboration, building collaborative relationships for data sharing

https://data.ucsf.edu/data-assets/clinical-research

Bookmarks from Old | 2015 P3 | G Google | FLOR'NCE Landing Pa | List of drugs that prol | M Thiazolidinedione-Inc | Going Off Antidepres: | WebMD Withdrawal From Ant | Switching cholinestera

UCSF Data Resources

Home   Data Assets ▾   Clinical Data Request Process ▾

Home > Data Assets > Request Clinical Data for Research

Request Clinical Data for Research

UCSF and ZSFG

- Electronic health record data from APeX and data from ZSFG and other DPH facilities

- **Cost**: hourly recharge may apply

Submit Research Data Request

New! Simplified process for streamlining UCSF regulatory and compliance requirements. Learn more!

More clinical data available for research:

Multi-institution

- **UCReX** – explore and obtain counts from 15 million+ patient records representing the combined patients of the five UC medical centers. Read more

- **PCORNet (PSCANNER) & OMOP** - patient-centered SCAlable National Network for Effectiveness Research (pSCANNER) is a network that will integrate data from existing networks and surrounding health systems covering over 37 million patients. Read more

Veterans Administration (VA)

Veterans Health Administration (VHA) maintains a central data repository with health information from the electronic medical records of over 9 million Veterans in the United States. Request VA Data Core Consultation

See Presentations, Handouts and Q&A from the 2017 Clinical Data Colloquium

Data Assets

▸ Request Clinical Data for Research

Request Clinical Data for Clinical & Quality Initiatives

Coming Soon

- Access to additional data assets
- Data tools & services
- News about UCSF data initiatives

Learn about the vision for data.ucsf.edu

⌂ ① globalhealthsciences.ucsf.edu/resources/resources-global-health-researchers-ucsf

UCSF ▯ New Tab ▮ Bookmarks from Old | 📰 2015 P3 G Google 🦊 FLOR'NCE Landing Pa ‖ List of drugs that pro| M Thiazolidinedione-Ind 🛡 Going Off Antidepress 📶 Withdrawal From Anti 🐛 Switching cholinester.

UCSF Global Health Sciences

Intra

Education   Our Work   Resources   News   About Us

Resources for Global Health Researchers at UCSF

Global Research Projects Database

Search this database of UCSF global health projects to find out who's doing what where.

Global Research HUB

Find resources and tips for international travel, funding, regulatory guidance, and other compliance and logistical issues. Resources provided for faculty, students and staff. Similar information for all UC campuses is available at the UCGO website.

Global Programs Offices

GHS has established registered country offices in Kenya, Mozambique, Namibia, Tanzania, Uganda that support UCSF global research projects. Registration for a sixth office in South Africa is pending. The offices enable GHS to:

- Better control project activities, including compliance with funders' policies
- Open business bank accounts
- Legally hire local citizens
- Facilitate in-country procurement and vendor contracts

These offices currently support UCSF Global Health Sciences researchers, but UCSF is in the process of developing systems, policies and procedures so that these offices will be able to expand support to other UCSF projects in these countries.

For more information, please contact Jane Drake

International Partnerships & Affiliations

This site includes an International Partnerships Toolkit, which was developed by the Executive Vice Chancellor/Provost and Global Health Sciences and provides general direction to those interested in, or engaged in, international collaborations.

UCSF Global Research Forum

RESOURCES

Bay Area Global Health Newsletter

HIV Surveillance Training Manuals

Informatics Hub

Short Courses and Training Opportunities

Integrated HIV Bio-behavioral Surveillance Toolbox

Publications

Resources for UCSF Researchers

Tools

Home »

Training & Advancement

Questions? Ask a Research Navigator

Designed to train UCSF's new generation of clinical and translational researchers

Get an Overview

> UCSF Training & Advancement Opportunities Matrix
> Training in Clinical Research (TICR) Program
> CTSI Online Education Curriculum

For Faculty

> K Scholars Program
> Mentor Training Program
> Training in Implementation Science
> Responsible Conduct of Research (RCR) Online Course
> Opportunities Designed for Faculty

For Residents

> Designing Clinical Research for Clinical Trainees (DCR-CT)
> Catalyst Awards Internship Program
> Opportunities Designed for Residents

For Trainees

> Yearlong Inquiry Program (YIP)
> Doris Duke Charitable Foundation International Clinical Research Fellowship
> Precision Health Science TL1 Postdoctoral Fellowship (PRESCIENT)
> Catalyst Awards Internship Program
> Designing Clinical Research for Clinical Trainees (DCR-CT)
> Pre-Health Undergraduate Program (PUP)
> Opportunities Designed for Trainees

Grant Writing Training

> K-Grant Writing Workshop
> How to Write a PCORI Grant
> K Proposal Library (K08, K23, K24, K99)
> T32 Proposal Library
> Data Safety Monitoring Protocol Library
> All Grant Writing Resources

Additional Resources

Office of Career & Professional Development

Nurturing Diversity at UCSF

School of Medicine Faculty Development

Entrepreneurship Center

Graduate Programs and Degrees

Mini Medical School

TIP-TOP: Teaching Observation Program

Epidemiology & Biostatistics Seminars

UCSF Featured Academic Events

UCSF Calendar Academic Events

Home »

For Community Partners

Services, resources and training that develop and support collaborations between UCSF and community partners

Find and Work with Researchers

> Linkage Service in Community Engagement & Health Policy
> Working with Researchers: Guides and Resources Manuals
> Community Engagement & Health Policy Consultation Service
> SF HIP

Build Practice-Based Research Partnerships

> San Francisco Bay Area Collaborative Research Network (SF Bay CRN)
> Practice-Based Research Design and Recruitment (SF Bay CRN) Consultation Service

Get Training Designed for Community Agencies

> Research & Evaluation Training for Community-Based Organizations
> Dissemination Training
> Certificate Program in Implementation Science

Community Engagement & Health Policy on Twitter

Tweets by @CE_HPatCTSI ⓘ

🔁 CE and HP UCSF CTSI Retweeted 🐦

Michelle Guy
@mguyblueMD

Discrimination, prejudice, and microaggressions are harmful to your health. #DifferencesMatter. @UCSFMedicine

♡ ↗ 09 Jun

CE and HP UCSF CTSI 🐦
@CE_HPatCTSI

Dr. Prudence Carter, Dean of UCB School of Ed. Reminding us we must take risks, change enviro., access to social capital & more, for #equity

Questions? Ask a Research Navigator

Get Involved

Join the San Francisco Bay Area Collaborative Research Network (CRN) of local community clinicians

Follow us on Twitter

Contact us to suggest a resource, pose a research question, or request information on research findings ✉

UCSF Organizations that Foster Community Engagement

CTSI's Community Engagement & Health Policy Program (CE&HP)

UCSF Collaborative Research Network

Community Academic Research Training Alliance (CARTA)

Medical Effectiveness Research Center (MERC)

University Community Partnerships Program (UCPP)

Community Partnership Resource Center (CPRC)

http://hub.ucsf.edu/

Clinical Research Resource
HUB

Resources for... ▾   Trial Management ▾   Regulatory ▾   Training ▾

tools, templates, guidance, go-to

Explore resources, expertise, and best practices for:

Who You Are

Investigators

Study Staff

Participants

Partners & Affiliates

Stage of Research

Design Study

Set Up Study

Conduct Study

Close Out Study

Clinical Research Resource HUB

Home > Resources for... > Investigators

Resources for Investigators

Pre-Study

- Conflict of Interest
- Consent Development
- Funding Opportunities
- iRIS / IRB
- Investigator Resources
- Protocol Development
- Feasibility & Review
- Trial Budgeting
- Working with Industry
- Working with Community Partners

Regulatory

- ClinicalTrials.Gov
- Data & Safety Monitoring
- IDE Development
- IND Development
- Regulatory Binder
- Site Inspections

Study Management

- Data Management
- Good Clinical Practice
- Quality Management
- Budgeting & Billing
- APeX
- Specimen Management
  New! Clinical Labs Research Specimen Transportation Service
- Study Management Tools
- SOPs

Quick Reference

Campus Policies
Cancer Center (HDFCCC)
Clinical Research Services
Clinical & Translational Science Institute (CTSI)

Conflicts of Interest (COI)
Consultation Services
Cores Search
Environment, Health and Safety
Ethics & Compliance

Global Health Sciences
Innovation, Technology & Alliances
IRB / Human Research Protection Program
Office of Sponsored Research
UCSF Profiles

Clinical Research Resource HUB

Trial Management

- Consent Development
- Coverage Analysis & Billing
- Data & Safety Monitoring
- Data Management
- Feasibility Guidance
- Protocol Development
- Recruiting Strategy
- Regulatory Binder
- Safety Reporting
- Study Management

OnCore

OnCore is a comprehensive Clinical Research Management System (CTMS) designed for clinical research operations and data management. OnCore is the system of record for coverage analysis of all clinical research studies conducted at UCSF. OnCore also supports biospecimen management and a registry platform for defined populations and/or clinical events.

- Get started with OnCore

Multicenter Trial Management

The San Francisco Coordinating Center combines scientific expertise with broad experience in managing multi-center studies, and offers access to a network of high quality, experienced clinical centers.

- Study design, coordination and implementation
- Measurement selection
- Protocol development
- Database design
- Research study data collection via fax
- Data quality control

Regulatory

21 CFR Part 11 Compliance

ClinicalTrials.gov

FDA & OHRP Inspections

FDA Alerts

IDE Development Process

IND Development Process

SOPs

UCSF's Office of Ethics and Compliance coordinates and guides compliance efforts across the campus to ensure institutional compliance with applicable laws and regulations, to promote ethical behavior and research integrity, and to provide the tools, guidance, and oversight needed to adhere to all necessary regulatory requirements.

For information about the International Conference of Harmonization (ICH) guidelines, please see here.

For expert advice on regulatory issues, request a Regulatory Knowledge Consultation.

Quick Reference

Campus Policies
Cancer Center (HDFCCC)
Clinical Research Services
Clinical & Translational Science Institute (CTSI)

Conflicts of Interest (COI)
Consultation Services
Cores Search
Environment, Health and Safety
Ethics & Compliance

Global Health Sciences
Innovation, Technology & Alliances
IRB / Human Research Protection Program
Office of Sponsored Research
UCSF Profiles

Clinical Research Resource HUB

Training

Last revised: 10/31/2016

▸ **Training**

APex / STOR / UCare

Clinical Research Coordinators

    Resources for New Coordinators

Good Clinical Practice

Human Subjects

iRIS / IRB Submissions

Investigator Education

    New Investigator Training

OnCore

Safety Courses

Glossaries

Are you an MD or PhD looking to step up your skills in clinical and translational research? Browse opportunities from didactic coursework to career development awards, and more.

If you are a CRC or clinical research support staff, please go here.

Outline

- Managing Time
- Building a research portfolio
- Obtaining funding
- Writing papers

Rigorously peer-reviewed grants demonstrate investigator independence and recognition

1. US government research grants (NIH, DOD, VA)
2. Foundation or society grants (e.g., American Cancer Society, American Heart Association)
3. Investigator-initiated research funded by industry
4. Industry-sponsored research funded by industry
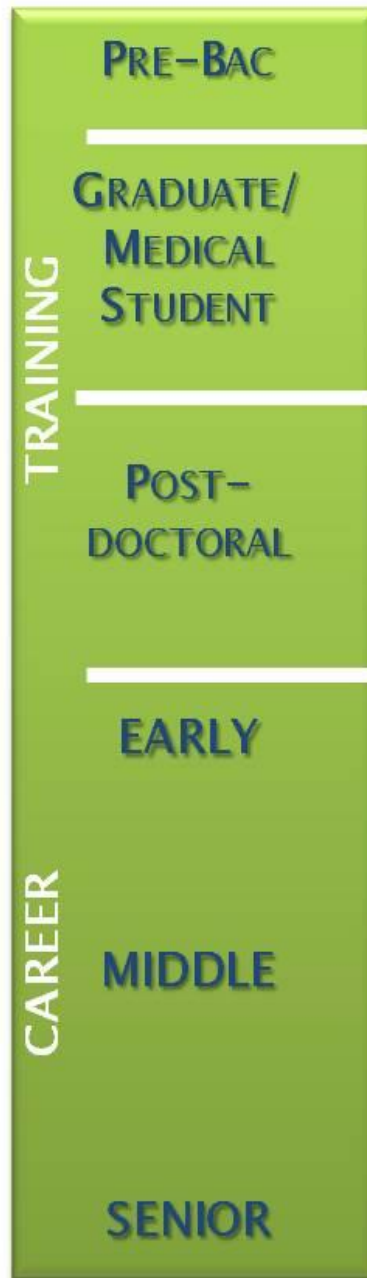
Funding is hard to get, diversify your portfolio, apply to non-NIH sources too

NIH Grants

(National Institutes of Health)

TRAINING

- PRE-BAC ← Institutional Training Grant (T34)
- GRADUATE/ MEDICAL STUDENT
  - ← Institutional Training Grant (T32)
  - ← Individual NRSA Fellowship (F31, F30)
- POST-DOCTORAL
  - ← Institutional Training Grant (T32)
  - ← Individual NRSA Fellowship (F32)

CAREER

- EARLY
  - ← Pathway to Independence Award (K99/R00)
  - ← Mentored Research Scientist Development Award (K01)
  - ← Mentored Clinical Scientist Development Award (K08)
  - ← Mentored Patient–Oriented RCDA (K23)
  - ← Mentored Quantitative RCDA (K25)
- MIDDLE
  - ← Independent Scientist Award (K02)
  - ← Midcareer Investigator Award in Patient–Oriented Research (K24)
- SENIOR
  - ← Senior Scientist Award (K05)

Small Grant (R03)

Exploratory / Developmental Grant (R21)

Research Project Grant (R01)

Graphic represents a small sample of NIH funding mechanisms available.

Home »

Funding

Questions? Ask a Research Navigator

Grants and resources available to all researchers at UCSF and affiliated institutions

Clinical & Translational Research Funding

Intramural
> CTSI-Sponsored RAP Funding
> Catalyst Awards for the Development of Diagnostics, Devices, Therapeutics and Digital Health
> UCSF Open Proposals

Extramural
> Early Translational Research Funding
> Comparative Effectiveness Research Funding
> Informatics Funding

Career Development Awards

Intramural and Extramural
> Career Development Awards
> NIH Research Supplements to Promote Diversity in Health-Related Research

Funding for Residents, Fellows & Postdocs

Intramural
> Research and Travel Funding for Residents
> Precision Health Science TL1 Postdoctoral Fellowship (PRESCIENT)
> NIH Research Supplements to Promote Diversity in Health-Related Research

Intramural and Extramural
> Postdoctoral Fellowships

Grant Writing Guidance
> K-Grant Writing Workshop
> How to Write a PCORI Grant
> K Proposal Library (K08, K23, K24, K99)
> T32 Proposal Library
> Diversity Supplement Proposal Library
> Data Safety Monitoring Protocol Library
> PCORI Proposal Library
> All Grant Writing Resources

Additional Resources

Pivot Funding Opportunities (extramural)

Resource Allocation Program (RAP) (intramural)

Limited Submission Opportunities (LSOs)

Office of Sponsored Research: Find Funding Opportunities

Office of Sponsored Research: Resources

Office of Sponsored Research: News

Faculty Handbook for Success

Research Administration Glossary

Find Office Responsible for various types of awards

Career Development Grants

- UCSF programs: KL2 Career Development Awards and more at
  http://accelerate.ucsf.edu/funding

- NIH (K awards, Minority or R01 Supplements)

- VA Research & Development: http://www.research.va.gov/funding/

- Foundations: http://foundationcenter.org; http://www.cof.org/

- Societies: usually disease-specific

- Industry: (for example:
  http://www.pfizer.com/research/rd_partnering/investigator_initiated_research)

Home » Funding »

Faculty Career Development Awards

⬇ On this page : RAP Awards : Institutional K12 : NIH Awards : Other Awards

RAP Awards

The Resource Allocation Program (RAP) provides a variety of UCSF funding opportunities, including these sponsored by CTSI.

UCSF Institutional Career Development Awards (K12)

CTSI KL2 Clinical Research Career Development Awards. Faculty Scholars are chosen each year to pursue clinical and translational research projects for 3-5 years with training and mentoring. The program includes a master's degree in clinical research for those who do not have such training, a supportive environment, modest financial resources, and access to core faculty who provide expertise and guidance in research design, measurement and questionnaire design, study coordination, data management, biostatistical analysis, and scientific writing.

Building Interdisciplinary Research Careers in Women's Health (BIRCWH) trains junior faculty to be successful, independent clinical and translational investigators in women's health.

Child Health Career Development Program trains researchers to harness advanced research strategies to address urgent problems (e.g., asthma, cancer, infectious diseases, host defense defects, diabetes, obesity, and developmental malformations of the heart, brain, and other organs), that will result in new treatments to improve child health outcomes.

IRACDA Scholars in Science (ISIS) Program cultivates a diverse group of biomedical scientists to pursue independent research and teaching careeers and to enrich the collaborative relationship between UCSF and SFSU in research, training, and mentoring.

Omics of Lung Diseases Career Development Program fosters careers built around using state of the art omics approaches to understand the causes of lung diseases and identify novel ways to prevent, diagnose and treat these diseases.

Multidisciplinary K12 Urologic Research (KURe) Career Development Program trains and supports junior faculty from diverse disciplines who are interested in pursuing careers in the study of benign urological diseases.

Neurological Sciences Academic Development Award (NSADA) in the UCSF Division of Pediatric Neurology gives junior child neurologists the research skills they need to identify better ways of caring for children with disorders of the nervous system. The overall theme is "Translating Discoveries in Neurological Diseases of Infancy and Childhood."

See also...

Office of Sponsored Research:

Funding Resources

News & Notices

Limited Submission Applications

Apply for funds!

RAP
RESOURCE
ALLOCATION
PROGRAM

Learn More & Apply
Next Application Deadline:
February 27, 2017, 2pm

Apply for intramural funding via the UCSF umbrella organization: Resource Allocation Program (RAP)

Grant Writing Guidance

http://accelerate.ucsf.edu/funding/grant-writing-guidance

⬇ On this page : Proposal Libraries
: Resources for NIH Career Development Awards (K Grants)
: Resources for NIH Diversity Supplement Awards : Courses
: Consultation Services : Current UCSF Awards
: Additional UCSF Resources

Maximize your chances of being funded by learning from grant writing experts.

Proposal Libraries

Learn by example: view examples of successful UCSF proposals generously provided by members of the UCSF community (UCSF access only).

- K Proposal Library
  Successful proposals for mentored K awards (K01, K02, K08, K23 and K99) and mid-career K awards (K24), as well as sample letters of support.
- T32 Proposal Library
  Successful T32 applications, table and text exemplars, application instructions, and more.
- Diversity Supplement Proposal Library
  Successful proposals for NIH Research Supplements to Promote Diversity in Health-
  Related Research Awards. Additional resources.

Tell Us What You Think

★★★★☆

Explore and rate our libraries of successful proposals

The Self-Help Shelf

Sample Size Calculators

Randomization Tools

Recruitment Resources Tip Sheet

UC ReX: identify potential research study cohorts across UC's five medical centers

Data Safety Monitoring Protocol Library

7 Keys to Maximizing Email Survey Response Rates

① guides.ucsf.edu/rdo/templates

New Tab | Bookmarks from Old | 2015 P3 | G Google | FLOR'NCE Landing Pa | List of drugs that prol | M Thiazolidinedione-Ind | Going Off Antidepres | WebMD Withdrawal From Anti | Switching cholinestera

University of California San Francisco

About UCSF   UCSF Medical Cente

UCSF Library

UCSF Research Development Office (RDO): Templates and Guides

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Description

The Research Development Office LibGuide contains templates and boilerplate language for use in grant applications. Please note that, while we do update these documents as necessary, it is your responsibility to verify specific information. The date of last update is in the header of each document. Please contact the RDO at rdoinfo@ucsf.edu to inquire about updated information.

The types of language you will find in these pages:

- **Facilities and Resources**: descriptions of the UCSF Campus, Schools, Departments, and other institutional entities
- **Letters of Support**: examples of LOS to express institutional support
- **Resource and Data Sharing**: examples and templates for Resource Sharing and Data Sharing Plans
- **Other Regulatory**: examples and templates for Human Subjects, Authentication of Key Resources Plan, Vertebrate Animals, etc.
- **Multiple PI**: example and template for Multiple PI/PD structures

To search: Click on the appropriate blue tab on the lefthand side of the screen to expand that section. Use the "find" function of your internet browser (Ctrl+F / command+F) to find the desired resource (this will search in the document title and brief description; at this time, there is no advanced search for within the content of a document).

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Last Updated: May 12, 2017 2:45 PM   URL: http://guides.ucsf.edu/rdo   🖶 Print Page

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UCSF Research Development Office (RDO): Templates and Guides

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Guidance on Agency Policies

- NIH: Enhancing Reproducibility (effective Jan. 2016)

- NIH: Simplification of Vertebrate Animals Section (effective Jan. 2016)

- NIH: Allowable Appendix Material (effective Jan. 2017)

- NIH: Reporting Preprints and Other Interim Research Products (effective May 2017)

Other Regulatory

- Authentication of Key Resources Plan

- Diversity Recruitment and Retention Plan

- Inclusion Enrollment Report

- Inclusion of Children

- Inclusion of Women and Minorities

- Mentoring Plan

- NIH: New Biosketch Format (Forms D; effective May 2016)

- Protection of Human Subjects

Research grants

- UCSF intramural grants – http://rap.ucsf.edu/grants/
- UC Office of the President Research Funding Programs www.ucop.edu/research-grants-program/
- National Institutes of Health (NIH)
- Patient-Centered Outcomes Research Institute (PCORI)
- Agency for Health-Care Research and Quality (AHRQ)

Research grants cont.

- Health Resources and Services Administration (HRSA) http://www.hrsa.gov/grants/index.html

- National Science Foundation (http://www.nsf.gov/)

- DOD http://cdmrp.army.mil/funding/reftable.shtml

- Industry (Investigator-Initiated Research programs)

- TRDRP (Tobacco-Related Disease Research Program) http://www.trdrp.org/

Office of Sponsored Research

http://osr.ucsf.edu/

General Funding Resources

- PIVOT – http://pivot.cos.com/) from UCSF OSR website, sign-up for training or set-up free automated search

- UCSF RAP (Resource Allocation Program, www.rap.ucsf.edu)

- UCSF RDO Limited Submission Program

- Foundations – www.fdncenter.org; www.cof.org

- Federal government opportunities – www.grants.gov

- Grantmakers in health – www.gih.org

- Grateful patients (via development office)

PIVOT Funding Database

UCSF Office of Sponsored Research

Search   About Us   News   Our Offices   Uniform Guidance

Build Collaborations | **Find Funding Opportunities** | **Develop a Proposal** | **Set Up an Award** | **Manage an Award** | **Services** | **Resources** | 👤 **Find Support**

Home | Find Funding Opportunities | Extramural Funding | Find Funding Opportunities

Find Funding Opportunities

Intramural Funding

Resource Allocation Program (RAP)

Extramural Funding

Limited Submission Program

Crowdfunding

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

Find Funding Opportunities

📄 PDF   ➕ Sha   🖨 Print

Pivot Training: Pivot allows researchers to search funding opportunities, save results, set automated funding alerts, and identify potential collaborators. The Research Development Office (RDO), in collaboration with the Library, is pleased to offer monthly Pivot trainings. The RDO will provide trainings for faculty and staff, and the library will provide trainings for post-docs and students. Go to Extramural Funding tab below for more information.

▶ Intramural Funding

▶ Extramural Funding

Resource Allocation Program
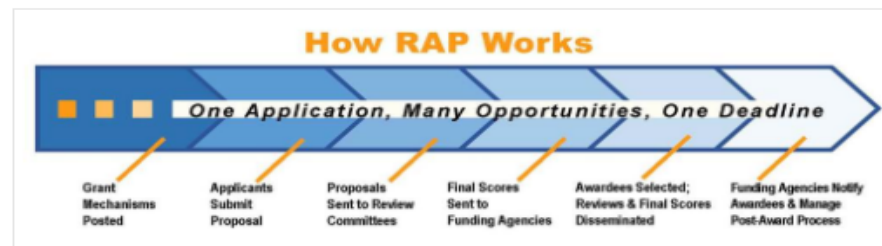A collaborative effort among UCSF funding agencies

RAP

Search 🔍

Notice

Please Read

Grant offerings, application rules, eligibility criteria, and other requirements are subject to change from cycle to cycle.

Be sure to review the website after every "Call for Applications" is launched to learn the updates and prepare your application accordingly.

Home

How RAP Works

One Application, Many Opportunities, One Deadline

Grant Mechanisms Posted | Applicants Submit Proposal | Proposals Sent to Review Committees | Final Scores Sent to Funding Agencies | Awardees Selected; Reviews & Final Scores Disseminated | Funding Agencies Notify Awardees & Manage Post-Award Process

**Applicants Choose the Grant Mechanism (Not the Agency)
Funding Agencies Choose the Awardees**

What's New:

- UCSF AIDS Research Institute (ARI) thanks to Gilead Sciences Inc. is supporting the amfAR Institute for HIV Cure Research by offering a new Mentored Scientist Award.

- The UCSF Pancreas Center is offering a Pilot Award for pancreas cancer research. This award is intended to support basic science and clinical projects focused on pursuing the research and eradication of pancreatic neoplasia.

- The new Global Cancer Program in the HDFCCC joins RAP to offer a Pilot Award for trainee, junior, or established researchers. Grants are intended for innovative projects addressing prevention, screening, diagnosis, and/or treatment of cancer in low- and middle-income countries.

- Precision Medicine in Rheumatology (PREMIER), an NIH/NIAMS P30 funded Center at UCSF is sponsoring Pilot Awards for Junior and for Established Investigators. The grants will support studies in rheumatic and autoimmune diseases directed at advancing knowledge applicable to precision medicine.

- The award amount of the "Pilot for Established Investigators" has been raised to $50K.

Key Dates

Fall 2017 Cycle

Call for Applications
August 21, 2017
Application Deadline
September 18, 2017
2:00 pm PST
Award Notifications
Spring: End of May 2017
Fall: End of December 2017

Two Cycles per Year

Fall Deadline: September
Spring Deadline: February

Career Development

- [Family Support Award](#)
- [Gilead HIV Cure Mentored Scientist Award](#) (New)
- [Hardship Awards](#)
- [Independence Support Award](#)
- [Mentored Scientist Award Program in HIV/AIDS](#)
- New Direction Awards (Discontinued)
- [Re-entry](#)
- [Under-Represented Faculty & Senior Fellows in Clinical and Translational Research Awards](#)

International

- [Global Cancer Pilot Award](#) (New)
- [International Mentored Scientist Award Program in HIV/AIDS](#)

Multidisciplinary

- [One-Year Innovation Award in Prematurity Research](#)
- [Pilot Award in Precision Imaging of Cancer and Therapy](#)
- [Team Science Grant](#)

Pilots

- [Alzheimer Disease Research Center (ADRC) Pilot](#)
- [CAPS-HIV Innovative Grants](#)
- [Informing Tobacco Product Regulation](#)
- [Integrative Cancer Pilot Awards](#)
- [Integrative Dementia Pilot Award](#)
- [Pilot Award for Pancreas Cancer](#) (New)
- [Pilot Award for Investigators New to HIV](#)
- [Pilot for Established Investigators in Basic and Clinical/Translational Sciences](#)
- [Pilot for Junior Investigators in Basic and Clinical/Translational Sciences](#)
- [Program on Non-Aids-defining Cancer, HIV and Aging](#)
- [UCSF Diabetes Research Center (DRC) Pilot and Feasibility Awards](#) (Spring Cycle Only)

Technology

- [Catalyst Awards for the Development of Diagnostics, Devices, Therapeutics and Digital Health](#)

Other extremely useful grant-writing resources

- **https://researchtraining.nih.gov/programs/career-development**

- **http://www.niaid.nih.gov/researchfunding/Pages/default.aspx**

- **http://grants.nih.gov/grants/grant_basics.htm**

- **http://grants.nih.gov/grants/grant_tips.htm**

- **http://grants.nih.gov/grants/oer.htm**

- **http://grants.nih.gov/grants/sitemap.htm**

- **http://grants.nih.gov/grants/useful_links.htm**

- **http://grants.nih.gov/grants/guide/listserv.htm**

Grants administration

Pre-award

- Budgeting
- Letters of support
- Paperwork/signatures
- Biosketches and other support pages
- Uploading documents
- Internal deadlines

Post-award

- Hiring and purchasing
- Budget projections
- Progress reports
- Agency correspondence

Obtaining IRB Approval

- Committee on Human Research: www.research.ucsf.edu/chr/index.asp

- Call CHR 415-476-1814 for planning and advice

- Expedited Review vs. Full Committee Review

- UCSF/CITI Human Subjects Protection Basic Course

- Allow 4-10 weeks for approval

- ZSFG and VA require additional approvals

Panelist Tips
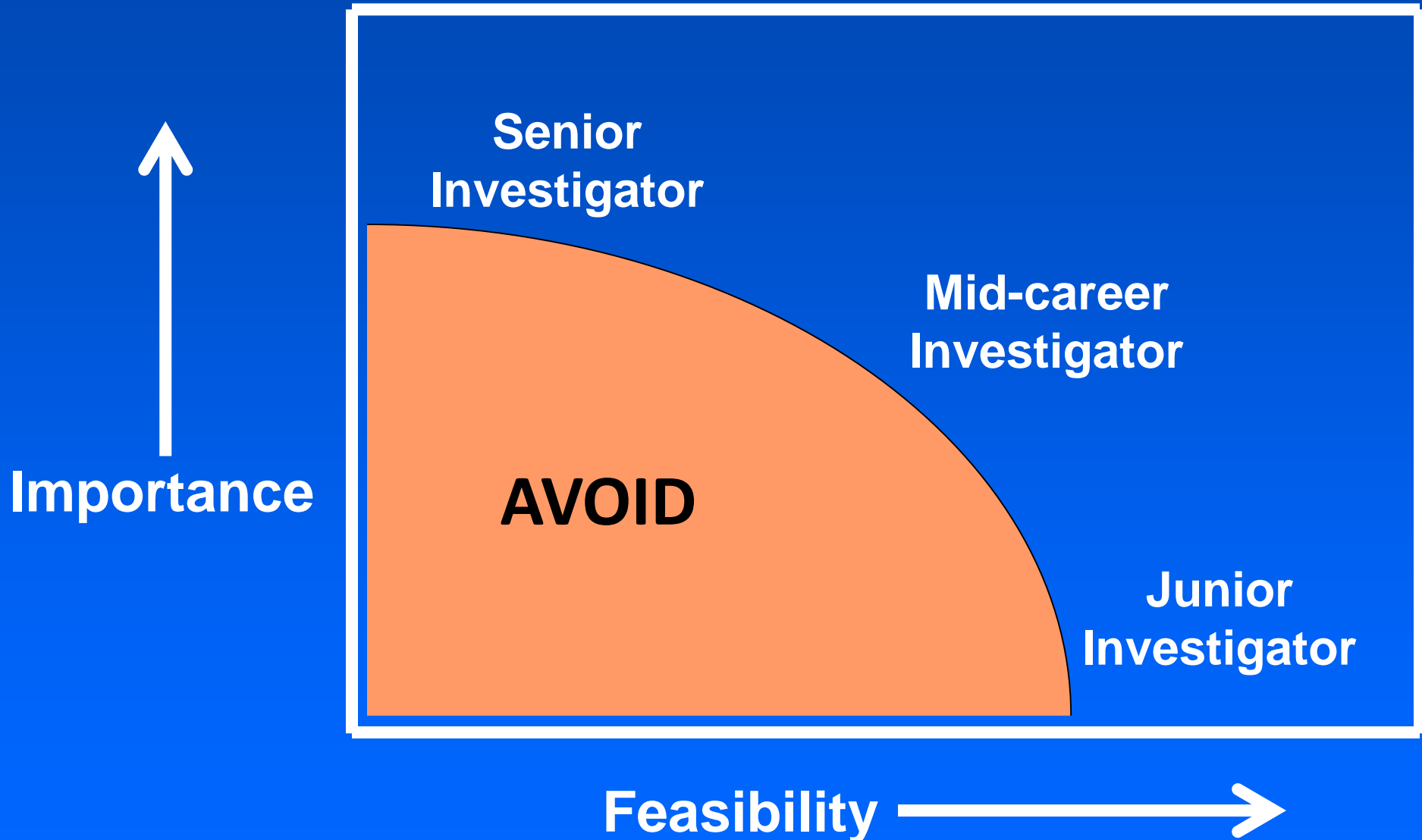# on Obtaining Research Funding

Outline

- Managing Time

- Building a research portfolio

- Obtaining funding

- Writing papers

Writing Papers

- Carve out writing days, times and even places

- Make weekly/monthly writing goals & calendar

- Shed perfectionistic tendencies

- Collaborate with peers, postdoctoral fellows, students

- Diversify projects: low-risk and high-risk

- Carefully choose research topics

Authorship (order of importance*)

1. First author

2. Last author (senior)

3. Second author

4. Penultimate author

5. Middle authors

* Relative to field and series, merit and promotion

Clarify up front, preferably in writing

International Committee of Medical Journal Editors' website "Who is an author?" which lists roles and responsibilities of authorship
http://www.icmje.org/recommendations/browse/roles-and-responsibilities/defining-the-role-of-authors-and-contributors.html

Authorship Criteria

1. Substantial contributions to conception or design; or acquisition, analysis, or interpretation of data; AND

2. Draft paper or revise it critically for important intellectual content; AND

3. Final approval of version to be published; AND

4. Agreement to be accountable for all aspects of the work; ensure questions related to accuracy/integrity are appropriately investigated and resolved.

Authors should be accountable for their work, identify contributions of co-authors, and have confidence in everyone's integrity.

Q & A

Tidbits on Writing

- Discuss authorship and corresponding author early, send email to confirm but authorship can change if someone does not do their share.

- Drafts are drafts; they can be rough when shown to colleagues for input (avoid perfection timesink)

- Set time aside for writing

- Different methods to help a trainee write a paper depends on trainee

  - Prep an outline

  - Prep a timeline

  - Have them write specific sections

  - Have them prepare an Abstract

  - Have them give a presentation of the work for the proposed paper

  - Sketch out figures and tables

Tidbits on Writing cont.

- Prepare figures and tables at manuscript quality as you're going along

- As PI, set the specs for figures and data presentation in the lab – what software package, what style, what colors for controls vs. samples

- Review target journal's format and guidelines for manuscript preparation

- Take Mimi Zeiger writing courses on campus

Tidbits on Grants and Funding

- Diversify your funding portfolio

- Remember that grants need to be tailored to an agency and to the RFA/FOA; this means that it is a bit of a marketing piece.

- Be careful when considering hiring new people too soon, using small grant awards

- Sign up for training to use the Pivot funding opportunity database search tool (through RDO)

- Innovation & Technology Alliance (ITA) offers workshops on entrepreneurship; QB3 and CTSI also offer resources to help with understanding the business aspects