

Session 4: Fellowships & Faculty Career Scholarships

Rachel Cook, Senior Grant Analyst Health Sciences SPO



Overview / Agenda



Fellowships & Faculty Scholarship: Eligibility & Key Players



Types of Awards & Funding Life Cycle



Pre-Award:
Application
Process



Post-Award:
Negotiation
&
Acceptance



Resources





Fellowship & Faculty Scholarship Eligibility

- Fellowships are focused on the career development of the individual applying for the funding opportunity.
- ➤ The eligibility to submit a fellowship and/or faculty career scholarship application is defined by the funding agency in their FOA or guidelines.
- ➤ The Sponsor (Mentor) and/or Chair confirm the applicant is eligible to submit based on the agency requirements.
- ➤ A PI Exception is <u>NOT</u> required for fellowship and/or faculty career scholarship applications, even if the applicant does not have a PI Eligible status at UCSD.



Fellowship & Faculty Scholarship Eligibility

HS SPPO submits proposals on behalf:

- ✓ H.S. Undergraduate Fellows;
- ✓ H.S. Professional Degree
 Predoctoral Fellows (this includes
 Pharm D., M.D., and Dual Degree
 Ph.D. and either Pharm.D. or M.D.);
- ✓ H.S. Postdoctoral Fellows; and
- ✓ H.S. Faculty Career Development Scholarships.





Fellowship & Faculty Scholarship Eligibility

OCGA submits proposals on behalf:

- ✓ General Campus Undergraduate Fellows;
- ✓ General Campus Postdoctoral Fellows; and
- ✓ General Campus Faculty Career Development Scholarships*

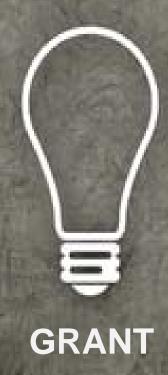
Graduate Division submits proposals on behalf:

- ✓ General Campus Predoctoral Fellows
 - ✓ Examples: MA, MBA, PhD, and Joint Programs (MPH/PhD)
- ✓ Health Sciences PhD only Predoctoral Fellows









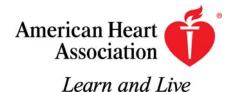




FELLOWSHIP

Grant vs. Fellowship Checklist

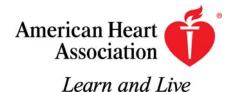
Questions	Grant	Fellowship
1. Is sponsor's purpose to support a research project of an independent investigator with specific goals, or is it to further career development?	Project	Individual
2. Is a fiscal report requested or required?	Yes	No
3. Are funds restricted by budget category, (e.g. approval required to rebudget) or are funds for recipient's stipend/salary and/or are funds unrestricted?	restricted	unrestricted
4. Are there contractual requirements in award, e.g. patent requirements or patent rights to sponsor?	Yes	No
5. Are personnel funds awarded for any individuals other than the recipient?	Yes	No
6. Is the award addressed to the institution or the individual?	Institution	Individual
7. Does the agency call the program or a grant or a fellowship?	Grant	Fellowship
8. Is a mentor or advisor involved?	No	Yes
9. Were letters of support required at the proposal stage?	No	Yes
10. Does the award include indirect costs?	Yes	No
11. Does agency require unexpended funds to be returned at termination?	Yes	No
12. How has this award been processed in the past?	Grant	Fellowship
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AHA - Beginning Grant-in-Aid

- Objective is to promote the independent status of promising beginning scientists.
- At the *time of application*, the applicant must: hold a M.D., Ph.D., D.O., D.V.M. or equivalent post-baccalaureate doctoral degree initiating an independent research career.
- At the *time of award activation*, the applicant must: hold a faculty/staff rank up to and including assistant professor (or equivalent), but may not have more than seven years of experience at the assistant professor level.
- Salary/Fringe: Up to \$35,000 per year for salary and fringe of the PI. Co-Is and others with faculty appointments may not receive salary from these funds.
- **Indirect**: 10 percent (\$6,364)
- **Project Support:** Project-related expenses, such as salaries of technical personnel, consultative services, supplies, equipment, computer/electronics, travel, volunteer subject costs, and publication costs, within the following limits:Travel \$3,000 per year
- Maximum Annual Award Amount: \$70,000; Award Duration: Two years;
 Total Award Amount: \$140,000





AHA – BIA Review Criteria

- Future Independence of Investigator: Is there demonstrated evidence that the award will promote independent status for the applicant?
- **Significance**: Does this study address an important problem broadly related to cardiovascular disease or stroke? If the aims of the application are achieved, how will scientific knowledge or clinical practice be advanced?
- Approach: Are the conceptual framework, design, methods and analyses adequately developed, well integrated, well reasoned and feasible (as determined by preliminary data), and appropriate to the aims of the project?
- **Innovation**: Is the project original and innovative? For example: Does the project develop or employ novel concepts, approaches, methodologies, tools or technologies for this area?
- Investigator: Is the investigator appropriately trained and well suited to carry out this work? Is the
 work proposed appropriate to the experience level of the principal investigator and other
 researchers?
- Environment: Does the scientific environment in which the work will be done contribute to the
 probability of success? Is there evidence of institutional support as demonstrated in the department
 head letter?

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NARSAD Young Investigator Grant

- The NARSAD Young Investigator Grant provides support for the most promising young scientists conducting neurobiological research. Awards are provided to enable promising investigators to either extend research fellowship training or begin careers as independent research faculty. Basic and/or clinical investigators are supported, but research must be relevant to serious brain and behavior disorders such as schizophrenia, mood disorders, anxiety disorders, or child and adolescent mental illnesses.
- NARSAD Young Investigator Grants enable early career scientists to garner pilot data for innovative ideas before they have "proof of concept" for their work.
- NARSAD Young Investigator Grants enable early career scientists to garner pilot data for innovative ideas before they have "proof of concept" for their work.
- Applicants must have on-site mentor or senior collaborator who is an established investigator in areas relevant to psychiatric disorders.
- Funding is for one or two years and is up to \$30,000 per year. The Foundation does not pay institutional overhead on the NARSAD Young Investigator Grant Program;
- The Foundation allows considerable flexibility in the use of funds: equipment, stipends, etc., are all acceptable as long as the support is in the service of the NARSAD Grant research project;





ACS Mentored Research Scholar Grant

- Provides support for mentored research and training to full-time junior faculty, typically within
 the initial four years of their first independent appointment. The goal is for these beginning
 investigators to become independent researchers as either clinician scientists or cancer
 control and prevention researchers.
- During the five years of the award, individuals are expected to acquire the research training, mentoring and experience necessary for transition into a successful career as an independent investigator. In addition to the research project itself, the activities during the award period must be designed to develop the necessary knowledge and skills in relevant areas through mentoring, and may include participating in appropriate courses and lectures.
- Awards are for up to five years and for up to \$135,000 per year (direct costs), plus 8% allowable indirect costs. A maximum of \$10,000 per year for the mentor(s) (regardless of the number of mentors) is included in the \$135,000.





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ACS MRSG – Review Criteria

- Applicant: Their academic and scientific qualifications, potential to succeed as an independent investigator, and commitment to research as a career.
- Mentor(s): Their academic and scientific qualifications, potential to succeed as an independent investigator, and commitment to research as a career.
- Research Plan: While there is significant competition for these mentored awards, the proposals are not expected to reflect the breadth and depth of the work of a senior scientist. The evaluation of the proposal includes assessment of: (a) The scientific and technical merit of the research question; (b) The design, methodology, and feasibility of the study; (c) The relevance of the proposed research plan to the applicant's career objectives; (d) The medical and health significance of the proposed research to cancer prevention, control and/or treatment; and (e) The appropriateness of the research plan as a vehicle for developing necessary research skills.
- Training Plan: Applications must include a comprehensive training plan involving appropriate core curriculum studies.
- Facilities/Environment: Documentation of the institutional commitment to the research development of the applicant must be included. This will be represented by the quality and relevance of the training environment and mentored relationship for the professional development of the applicant; the adequacy and availability of necessary research space and facilities, and training opportunities for the proposed project.



Fellowship Key Players

Sponsor (Mentor)

Funding Agency



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Process Improvements: Central Offices & Old Way

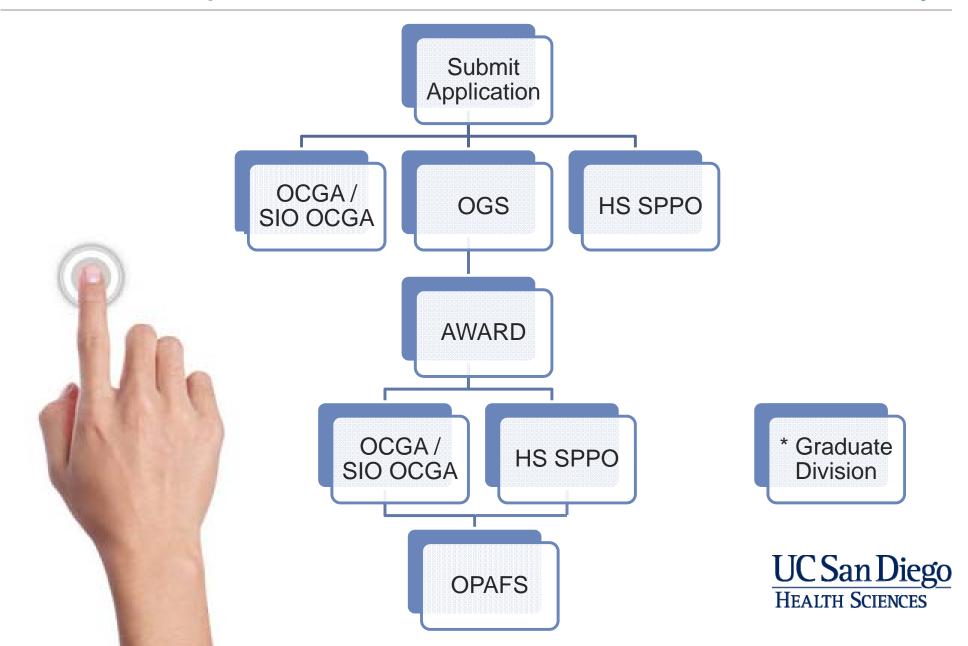


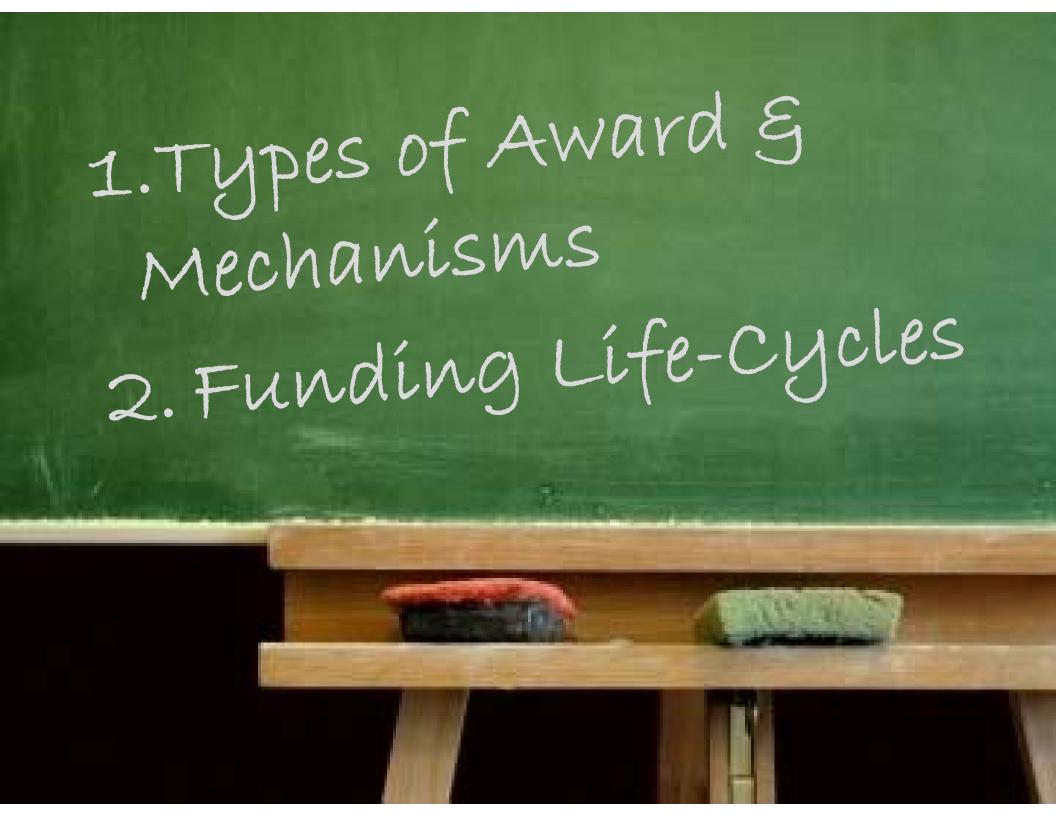
*OGS is now called Graduate Division!





Process Improvements: Central Offices & New Way





Types of Awards

Domestic:
Private, State,
Federal, Flowthrough & Private

Foreign:
Private &
Government

Sub on NIH
Institutional
Training Grants:
R25/T32/T35/K10

NIH Individual
Training
Fellowships:
F30, F31, F32



Funding Life-Cycle







Pre-Award Application Process

What are the internal forms required to submit a fellowship?!!?

How many days Lead time do you require? But there is no budget?!!

What about Indirect Costs?

Minimum Requirements for Signature

Required Items	NIH Fellowship Applications	All Other Applications
PI Assurnace Form	Yes	No
FCOI	Yes	Depends
Budget Worksheet	Yes (NRSA Budget Worksheet)	Depends
Draft Review of Application	Yes	Yes
Fellow and all other required signatories must sign before HS SPPO signs	Yes	Yes
Copy of IRB or IACUC?	JIT stage	Depends



FCOI is Due at Time of Submission!!!

- National Institutes of Health (NIH) & Other PHS Agencies
 - Office of Global Affairs (OG)
 - Office of the Assistant Secretary for Health (OASH)
 - Office of the Assistant Secretary for Preparedness and Response (ASPR)
 - Agency for Health Care Research & Quality (AHRQ)
 - Agency for Toxic Substances and Disease Registry (ATSDR)
 - Centers for Disease Control and Prevention (CDC)
 - Food and Drug Administration (FDA)
 - Health Resources and Services Administration (HRSA)
 - Indian Health Service (IHS)
 - Substance Abuse and Mental Health Services Administration (SAMHSA)
- Administration for Children and Families (ACF)
- Alliance for Lupus Research (ALR)
- American Cancer Society (ACS)
- American Heart Association (AHA)
- American Lung Association (ALA)
- Arthritis Foundation (AF)
- Juvenile Diabetes Research Foundation (JDRF)
- Lupus Foundation of America (LFA)
- Susan G. Komen
- CurePSP







Submission of Application: Who Signs What?

Administrative /Signing Official

- Health Sciences: HS SPPO
- General Campus: OCGA or Graduate Division

Fiscal Officer

- Mark Cooper
- (HS SPPO & OCGA sign on behalf of Mark Cooper)

IACUC & IRB

- Health Sciences: HS SPPO
- General Campus: OCGA

EH&S

- Brenda Wong
 - Contact:
 ehsbio@ucsd.edu



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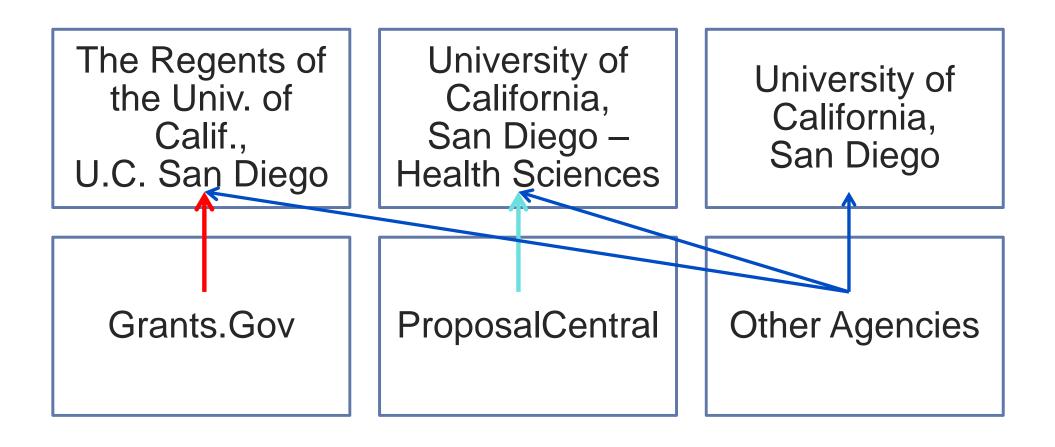
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Submission of Application: Name of Institution





Submission of Application: Name of Institution



proposalCENTRAL

FAQ || Customer Service || Help || [X] Close Window Cook, Rachel

Proposal To: American Cancer Society Mentored Research Scholar Grant
Title (Applicant): Addressing the Reproductive Concerns of AYA Cancer Survivors (Gorman, Jessica)

Deadline: 4/1/2014 5:00:00 PM (U.S. Eastern Time)

Proposal Sections

Click name below to go to that section.

- 1) Title Page
- 2) Applicant/PI
- 3) Institution & Contacts
- 4) Key Personnel
- 5) <u>Letters of</u> <u>Recommendation</u>
- 6) General and Technical Abstract & Project Coding
- 7) Assurances & Certifications
- 8) Application Sections
- 9) Print Signature Pages

Support Links

Grantmaker Website

Institution & Contacts

Close Window

Pl's institution is pre-loaded as Lead Institution. To change, select from list below or Search all registered institutions. Press button to confirm selection. Click Edit Profile button to change institution information.

Instructions

Sponsoring Institution

The Regents of the University of California, San Diego

Address

Print

Street 9500 Gilman Drive, Dept 0934

City La Jolla
State CA

 Zip
 92093-0934

 Country
 United States

 Phone
 858.534.0239

 Fax
 858.534.0280

* Checks The Regents of the University of California, Payable To: University of California, San Diego



Submission of Application: Name of Institution

0	The Cleanity Foundation	Committee
0	The Regents of the Univ Calif. UC San Diego	Unconfirmed
0	The Regents of the University of California San Diego	Unconfirmed
0	The Regents of the University of California, San Diego	Confirmed
0	The Regents of the University of California, Scripps Institution of Oceanography	Confirmed
	The Salk Institute for Biological Studies	Confirmed
	The Scripps Research Institute	Confirmed
	The Scripps Research Institute-Scripps Florida	Unconfirmed
	UC San Diego - California Institute For Telecommunications and Information Technology	Unconfirmed
0	UCSD Moores Cancer Center	Unconfirmed
0	University of California San Diego - Bioengineering	Unconfirmed
0	University of California San Diego - Dept of Chem & Biochem	Unconfirmed
	University of California San Diego Economics	Unconfirmed
0	UNIVERSITY OF CALIFORNIA SAN DIEGO, MOORES CANCER CENTER	Unconfirmed
	University of California, San Diego - Department of Medicine	Unconfirmed
Current Proposal Institution	University of California, San Diego - Health Sciences	Confirmed
	University of California, San Diego - Research Affairs	Unconfirmed
0	University of California, San Diego - Supercomputer Center	Unconfirmed
0	University of california, San Diego Department of Medicine Division of Gastroenterology	Unconfirmed
0	university of california, san diego-neurobiology	Unconfirmed



Submission of Application: Name → Visibility



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Application System

Manage Proposals Professional Profile Institution Profile **Grant Opportunities** All Proposals In Progress **Submitted** <u>Awarded</u> **Archived** Deadlines displayed in Create New Proposal Click Create New Proposal button to select a grant program and start your grant application (includes letter of intent if required). **U.S. Eastern Time** Delete Edit Identifier **Grant Maker** Program Investigator Status Due Date 324347 Addressing the Reproductive Concerns of AYA Cancer American Cancer Society Mentored Research Scholar Gorman, Jessica In Progress 4/1/2014 5:00:00 PM View 310611 LOI. Role of ERK1/2 vs ERK5 signaling pathway in Kras mutant American Association for Cancer AACR Basic Cancer Research LOI: 1/13/2014 3:10:04 PM LOt De Jona, Petrus LOI Rejected View Fellowships 310055 LOI. Role of ADAR1-dependent miRNA regulation in chronic American Association for Cancer AACR Basic Cancer Research LOI: 1/13/2014 3:10:05 PM LOI, Zipeto, Maria LOI Rejected View mveloid leukemia Research Fellowships 309733 LOI Regulation of EMT and tumor invasion: Twist1 mediates American Association for Cancer AACR Basic Cancer Research LOI. Fattet, Laurent LOI Rejected LOI: 1/13/2014 3:10:03 PM View mechanosensing of ECM Research Fellowships <u>Del</u> 309315 LOI. Role of Toll-like receptors in chemotherapy-induced American Association for Cancer AACR Basic Cancer Research LOI: Woller, Sarah LOI: In Progress LOI: 10/23/2013 11:59:59 AM Edit Fellowships neuropathic pain Research 308166 Systematic evaluation of factors that control cytoplasmic mRNA. American Cancer Society Postdoctoral Fellowship Brannan, Kristopher In Progress 4/1/2014 5:00:00 PM Edit 303772 Identification of Key Regulators of Cancer Progression American Cancer Society Postdoctoral Fellowship Yocum, Ashley In Progress 4/1/2014 5:00:00 PM Edit 301911 LOI. Role of toll-like receptors in chemotherapy-induced The Leukemia & Lymphoma Career Development Program -LOI, Woller, Sarah LOI Rejected LOI: 10/8/2013 8:52:48 AM View polyneuropathy Society 300547 LOI, BREAST CANCER PDF Basic and Translational LOI, Jin, Chunyu LOI. In Progress LOI: 9/5/2013 11:59:59 AM Edit Susan G. Komen 298520 LOI. Characterizing the impact of mutations in regulatory Susan G. Komen PDF Basic and Translational LOI, D'Antonio, Matteo LOI Rejected LOI: 10/29/2013 12:26:21 PM View elements in breast cancer View Review Info 290097 LOI Silica-based nanoshells for intraperitoneal chemotherapy of Ovarian Cancer Research Fund Ann Schreiber Mentored LOI, Ali, Hazem LOI Rejected LOI: 7/12/2013 11:03:34 AM View ovarian cancer Investigator Award 258492 Enter a title here, then press Save. Postdoctoral Fellowship 4/1/2014 5:00:00 PM American Cancer Society Tung, Jennifer In Progress Edit 257127 Real-world Mobile Monitoring of Physical Activity with Type 1 Career Development Award Heintzman, Nathaniel 7/16/2012 11:59:59 PM In Progress Edit Diabetes Proposal: Role of G proteins and GIV in EGFR Signaling in Proposal: 12/5/2013 230361 Susan G. Komen PDF Basic and Translational Proposal: Teodorof, Proposat: In: View Breast Cancer Progression Progress 1:00:00 PM LOI. Role of G proteins and GIV in EGFR Signaling in Breast LOI: Teodorof, Carmen LOI: Approved LOI: 12/16/2011 2:38:29 PM Cancer Progression View Review Info _ ... | 400000 Polo of lisk alpha in turna I diabataa Dootdootoval Fallamahin In Drogroop 741670010 44-50-50 DM IDDE Ogoto Hissopoliu



Submission of Application: Who Submits?



Fellow (mail application overnight)



Fellow (email PDF of application)



Central Office (e.g., NIH & DOD)



Fellow (HS SPPO requires "EDIT" access)



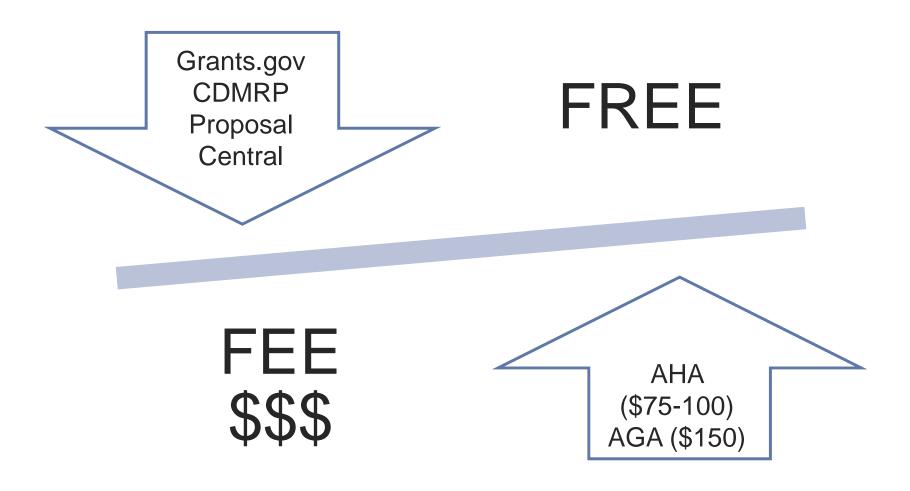
Most Home-grown Systems: Fellow



Other Home-grown Systems: Central Office



Submission of Application: Free vs. Fees







The Award Arrives, What Next?

- In a Perfect World → Notify the appropriate Central Office
- The Central Office → Verifies all compliance issues are in place (e.g. FCOI, IRB, IACUC)
- The Central Office → Reviews the award terms and conditions, if
 acceptable, signs the award; if not acceptable, then negotiates with
 the funding agency until terms and conditions are acceptable. If it is
 an NIH award, the Central Office signs the NIH Award Activation
 Notice after the fellow and sponsor sign.
- The Central Office → Records award information in Coeus and requests Fund Set-up or Index Request for OPAFS.
- The Central Office → Assists with most communication between fellow and funding agency during lifetime of award.

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The Core Principles to be Addressed in Agreements

- Open Dissemination of Research Results & Information
- 2. Commitment to Students
- Accessibility for Research Purposes
- 4. Public Benefit
- 5. Informed Participation
- Legal Integrity and Consistency
- 7. Fair Consideration for University Research Results
- 8. Objective Decision-Making









Some Issues that Arise when not a Perfect World?

- Fellow, Mentor, or Chair sign on behalf of the University.
- The award is lost in the shuffle or lost via campus mail or signed award/activiation notice never arrives at funding agency.
- Waiting on fully-executed agreement.
- Award accepted with reminder of prior agreed upon terms, yet still held up on the funding agency's side (e.g. AHA – though there is an issue with governing law with upcoming year).
- Can't accept the award till UCOP gives okay (e.g. Susan G. Komen).
 - Be prepared, negotiations can take time!
 - Determine in advance if there are problems if you still wish to apply while in the pre-award stage.
- Fellow awarded more than one fellowship. Can the fellow accept both awards?
- Progress Reports late: Scientific and Financial.



RESOURCES

Where to Go!



Graduate Division

- Contact: Zoe Ziliak Michel at gradadvisor@ucsd.edu
- Website: http://grad.ucsd.edu/financial/fellowships/index.html

Office of Contracts & Grants Administration (OCGA)

- Website: http://blink.ucsd.edu/sponsor/ocga/index.html
- Institutional Information: http://blink.ucsd.edu/research/preparing-proposals/proposal-development/vital.html

Office of Postdoctoral & Visiting Scholar Affairs

- Opportunities: http://postdoc.ucsd.edu/award-opportunities/index.html
- Post Doc Appointment Guidelines: http://postdoc.ucsd.edu/appointment-guidelines/index.html

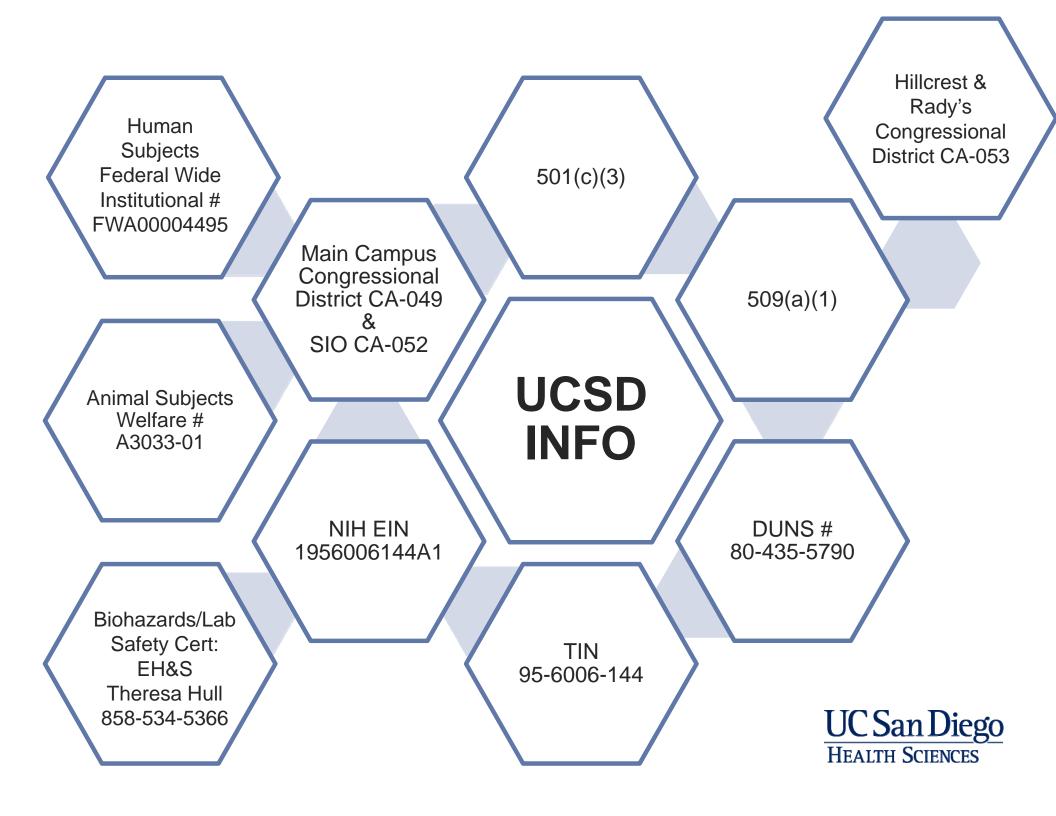
HS SPPO

- Wiki: http://som.ucsd.edu/mwiki/index.php/HSSPPO:Fellowships FacultyScholarshipAwards
- NIH NRSA Individual Budget Worksheet: http://som.ucsd.edu/mwiki/images/e/e6/NIH_NRSA_Fellowship_Budget_Workbook_1-5-2015.xlsx
- Tuition Fees for 2013-2014: http://som.ucsd.edu/mwiki/images/2/27/NIH_NRSA_Med_Ed_Fees_and_NIH_Stipend_Fellowship_Budget_Worksheet_1-5-2015.xlsx (M.D.; Pharm.D.; Ph.D./M.D.; or Ph.D./Pharm.D.)

NIH

- F Kiosk: http://grants.nih.gov/training/f_files_nrsa.htm
- SF424 Adobe Forms C Example for UCSD Health Sciences F-Series Applications: http://som.ucsd.edu/mwiki/images/2/2b/ADOBE_FORMS_C_EXAMPLE_3-7-2014.pdf
- Current FY 2015 NIH Stipend Levels: http://grants.nih.gov/grants/guide/notice-files/NOT-OD-15-048.html

Funding Agency's Websites!



Institutional Contacts for Health Sciences



Institutional Signing Offical: Rachel Cook, Senior Grant Analyst
or Arpa Orojian, Grant Analyst
Health Sciences Sponsored Projects Office
University of Caifornia, San Diego
9500 Gilman Drive, MC 0041, La Jolla CA 92093-0041
858-822-4344/534-1890 (T); racook@ucsd.edu or aorojian@ucsd.edu

Financial/Fiscal Officer: Mark Cooper, Director*
Office of Post Award Financial Services (OPFAS)
University of Caifornia, San Diego
9500 Gilman Drive, MC 00954, La Jolla CA 92093-0954
858-534-0336 (T); 858-534-6867 (F); ebrower@ucsd.edu





Media Contact of Publicity: Debra Kain, Director Health Sciences Commulications University of California, San Diego 9500 Gilman Drive, MC, La Jolla CA 92093-8907 85534-6202 (T); 858-543-6163; ddkain@ucsd.edu

Technology Transfer Official: Dr. Jane Moores, Asst Vice Chancellor Technology Transfer & Intellectual Property Services University of San Diego 9500 Gilman Drive, MC 8907, La Jolla, CA 92093-8907 858-5815 (T); 858-534-7345 (F); invent@ucsd.edu







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