If you are your School’s designated limited submission/awards recipient and people in your School might be eligible, please be sure to circulate this information internally.

The purpose of this IGERT solicitation is to support new models in graduate education in which students are engaged in learning through innovation and hands-on experience how their research may benefit society, and to learn the processes for the successful implementation of such contributions. The program is intended to establish new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries. It is also intended to facilitate diversity in student participation and preparation, and to contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.

About NSF 11-533 Integrative Graduate Education and Research Traineeship (IGERT)

- **Internal Proposal Deadline:** March 26, 2012
- **Date of Decision Meeting:** March 28, 2012, 5:30pm (please inform your dean of the meeting date when submitting an application)
- **Letter of Intent Due:** May 1, 2012 **Mandatory**
- **Full Proposal Deadline:** July 2, 2012
- **UCLA Posting page:** [https://vcr.ucla.edu/funding-opportunities/limited-submissions-1/active-limited-submissions](https://vcr.ucla.edu/funding-opportunities/limited-submissions-1/active-limited-submissions)
- **Limit:** UCLA may submit only ONE LOI/proposal, either as a single institution or as a lead in a multi-institution proposal
- **Award Amount:** $3.3m over 5 years. Additional funds up to $200k may be available for integrated international activities

Currently Funded IGERTs

Program Guidelines:
- **Research Elements:**
  - The traineeship proposal should be organized around an interdisciplinary theme in science/technology/engineering/mathematical sciences which will provide a framework for integrating research and education and for promoting collaborative efforts within and across departments and institutions.
  - The interdisciplinary research proposed may include research represented in any of the sponsoring directorate:
    - Biological Sciences
    - Computer & Information Science & Engineering;
    - Cyberinfrastructure;
    - Education & Human Resources
    - Graduate Education;
    - Engineering;
    - Geosciences;
    - Integrative Activities;
    - International Science and Engineering;
    - Mathematical & Physical Sciences;
    - Polar Programs;
    - Social, Behavioral & Economic Sciences.
  - An optional funded international component is encouraged. If a funded international component has been proposed, additional
funds not to exceed $50,000 per year (for a total of $200,000 per award) may be included to support this effort.

**Student/Trainee Components:**
- Students should gain the breadth of skills, strengths, and understanding to work in an interdisciplinary environment while being well grounded with depth of knowledge in a major field.
- Students should be educated to recognize how their research might be utilized for an economic or societal benefit, and should learn the processes that would be required to implement them in practice through hands-on experience.
- Outreach activities involving K-12 teachers and students to engage and inspire future STEM innovators, and provide teachers with state-of-the-art knowledge emanating from the interdisciplinary themes, are encouraged.

**Trainee Details & Eligibility Criteria:**
- NSF allows $30,000 per year per IGERT trainee for a 12-month appointment.
- Trainees must be enrolled full-time in a Ph.D. program in one of the NSF-supported STEM fields of study.
- Individuals studying for professional degrees, such as law degrees, medical degrees, veterinary medicine degrees, business degrees, clinical psychology degrees, etc., are not eligible to receive NSF IGERT funding.
- Students obtaining joint degrees, such as M.D./Ph.D. or J.D./Ph.D. or D.V.M./Ph.D., are also ineligible for NSF IGERT funding.
- Individuals who are not eligible to receive NSF IGERT funding (e.g., foreign students, students in non-STEM fields, those obtaining professional degrees, etc.) may participate in all IGERT activities as IGERT associates, but they may not receive any NSF IGERT funding.

**Internal Application Procedure:**
Please communicate with your faculty and let us know at the earliest possible time if you have potential applicants/nominees. In this way, we are better able to coordinate a meeting with the applicable deans. Internal nominations will need to include the following required support materials:

1. A coversheet which includes the following information:
   a) Name of Principal Investigator
   b) Department & School of Principal Investigator
   c) Is this your first IGERT application as the lead PI?
   d) Have you/PI previously participated in an IGERT? If so, in what capacity?
   e) Single or Multi-Institution Proposal (it is a multi-institution if one co-PI is from an institution other than UCLA or if you plan to have a subaward). Please answer additional question if this is a multi-institution proposal.
   f) The name(s) and departmental affiliation(s) of 0 to 4 faculty serving as Senior Personnel/co-PIs
   g) Project title (should begin with “IGERT:” and reflect the interdisciplinary theme)
   h) Selected interdisciplinary theme
   i) Key Words: Provide up to four key words that reflect the established disciplines whose boundaries will be crossed in the interdisciplinary theme, in the order of their emphasis in the proposal. For example: Biology, Economics, Engineering, Physics.
   j) Other participating institutions
   k) Proposed list of participants. For each participant, provide the following information:
      i. Name
      ii. Proposed or confirmed involvement
      iii. Institution / Organization
      iv. Subject of Expertise
      v. Previous IGERT experience if known
   l) Do you plan to include an “international component” requesting additional funds ($200k)? If so, please list the institutions/entities you will be working with and provide a short description of your existing relationship.
m) Confirmation that you have advised your dean or research dean that you are submitting this proposal for the internal competition and that he/she needs to be available or send a designee for the LSO internal review committee meeting on March 28, 2012 at 5:30pm.

2. Please answer the following questions in short answer form (5 pages):
   a) Please describe your comprehensive interdisciplinary theme for this proposal and describe how it is transformative
   b) What are the major interdisciplinary research efforts which will be undertaken? How is what you are proposing similar and distinct from currently/previously funded IGERTs? See table of previous awards (link above).
   c) How will you integrate the research efforts with innovative graduate education and training mechanisms?
   d) How will your trainees learn and practice the processes involved in taking their ideas and discoveries and transforming them into possible components of solutions to societal challenges?
   e) What is your plan for developing your trainees’ appreciation for the global nature and context for the theme?
   f) Who on your team will be responsible for career & personal skills development (including communication of their work to non-scientists)? Please describe his/her/their relevant experience.
   g) How do you plan to recruit, mentor and retain members of groups underrepresented in STEM disciplines?
   h) Briefly outline your administrative plan and organizational structure that will ensure effective management of the project resources and any international cooperative activities.

3. Biosketches of PI and Co-PI

4. If applying as a multi-institutional proposal, please explain how the benefits of the multi-institution approach outweigh the administrative burden.

5. If this is a revision of a previously submitted proposal: Please include comments from the NSF reviewers on your former proposal and a brief summary of how you plan to address them.

All items should be compiled into a single PDF and submitted to limitedsubmissions@conet.ucla.edu on or before March 26, 2012.

Reminders of Upcoming Limited Submissions Deadlines:

- NSF 11-514 Ethics Education in Science and Engineering (EESE - extended (agency deadline: 3/1/2012)
- RFA-AR-12-002 NIAMS Rheumatic Diseases Research Core Centers (RDCC) [P30] – extended (agency deadline: 3/1/2012)
- RFA-DK-11-028 NIH NIDDK Career Development Programs in Diabetes Research for Behavioral Scientists (K12) – extended (agency deadline: 3/3/2012)
- DHS-12-ST-104-001 Career Development Grants – special deadline - extended (agency deadline: 3/22/2012)
- RFA-ES-12-003 NIEHS Superfund Hazardous Substance Research and Training Program [SRP] – extended (agency deadline: 4/10/2012)
- RFA-OAA-12-000004 USAID Higher Education Solutions Network – int. deadline: 3/1/2012
- NSF 11-533 Integrative Graduate Education and Research Traineeship Program (IGERT) – int. deadline: 3/26/2012

Recently Closed:
- RFA-DK-11-015 NIH NIDDK Diabetes Research Centers (P30) – existing UCLA collaboration with UCSD (agency deadline: 2/29/2012)
- NSF 12-526 Planning a Partnership Model for a Giant Segmented Mirror Telescope (GSMT) – not announced. UC is part of an existing TMT project. (agency deadline: 4/16/2012)
- PAR-12-081 NINDS Institutional Center Core Grants to Support Neuroscience Research (P30) – unavailable due to existing award through 6/2014
- PAR-11-010 NINDS Diversity Research Education Grants in Neuroscience – no applicant
- NSF Climate Change Education Partnership (CCEP) Program, Phase II (CCEP-II) – no applicant
- Mary Kay Foundation Cancer Research Grant Program - selection made
- Ellison Foundation 2012 New Scholar Awards in Aging – applications received
- NSF Industry/University Cooperative Research Centers Program (I/UCRC) (NSF 12-516) – no applicant
- AHRQ Research Centers in Primary Care Practice Based Research and Learning (RFA-HS-12-002) – selection made
- NSF Partnerships for Innovation (PFI) NSF 12-511 – selection made
- NSF Major Research Instrumentation Program (MRI) – selections made
- NIH Director’s Early Independence Award (DP5) Funding Opportunity (RFA-RM-11-007) – selections made
- NIH Shared Instrumentation Grant Program (S10) – note updated RFA (12-017) – special deadline (no proposals, only instrument type), instrument types submitted
- Dana Foundation Program in Brain and Immuno-Imaging – selection made
- Packard Fellowships for Science and Engineering – applications submitted

### Upcoming Announcements (if there is an LSO you know of which is not on this list, please let us know):

<table>
<thead>
<tr>
<th>Agency Due</th>
<th>Type</th>
<th>Opportunity</th>
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<tbody>
<tr>
<td>4/11/2012</td>
<td>Full</td>
<td>RFA-HL-13-015 Summer Institute for Training in Biostatistics II (T15)</td>
</tr>
<tr>
<td>4/24/2012</td>
<td>Full</td>
<td>RFA-AI-12-006 NIH NIAHD Asthma and Allergic Diseases Cooperative Research Centers (U19)</td>
</tr>
<tr>
<td>6/22/2012</td>
<td>Full</td>
<td>PAR-10-206 NCRR Science Education Partnership Award (SEPA) (R25)</td>
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Shady Hakim  
Limited Submission & Award Program

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