



2013-14 Graduate Fellowships for Science and Engineering Students

The Center for Nanotechnology in Society at the University of California, Santa Barbara (CNS-UCSB) announces fellowship opportunities for outstanding graduate students pursuing research in science and engineering.

About CNS

CNS-UCSB is a NSF-funded collaborative interdisciplinary national research center established at UCSB in 2006. CNS is dedicated to understanding the relationship between technological innovation and social change and to advancing an integrative role for the social sciences and humanities in promoting the development of equitable and sustainable technological innovation around the world. The critical organizing frame for CNS-UCSB is that of *socially and environmentally sustainable innovation*, in which we integrate historical, global economic, and social and psychological factors in formative analysis of the nano-enterprise in relation to these goals. Research in the current award has been organized into three interdisciplinary research groups (IRGs), described below.

CNS-UCSB Interdisciplinary Research Groups (IRGs) and Faculty Leaders

IRG1: Origins, Institutions, and Communities: Patrick McCray, *History*

[NOT ACCEPTING FELLOWS FOR 2013-14]

IRG1 produces and integrates a diverse range of historical sources and research tools in order to understand specific facets of the nano-enterprise's history

IRG2: Globalization and Nanotechnology: Rich Appelbaum, *Sociology and Global & International Studies*

[NOT ACCEPTING FELLOWS FOR 2013-14]

IRG2 addresses global industrial policy and development of nanotechnology, with a particular focus on China, Japan, India and Latin America; and pathways to the use of nanotechnologies to spur equitable development

IRG3: Nanotechnology Risk Perception and Social Response: Barbara Herr Harthorn, *Anthropology, Feminist Studies, Sociology*

IRG3 conducts social research on nano and other technologies risk and benefit perceptions in the US and abroad by multiple stakeholders in the nano-enterprise and public deliberation as a mode of participation in science and technology.

The 2013-14 fellowship opportunity for Science and Engineering students is in IRG 3

Graduate Research Fellows are integrated into CNS-UCSB research and other activities involving faculty, researchers, postdocs, and other students from social science, humanities, and science and engineering disciplines. CNS-UCSB faculty researchers currently work in the departments of Anthropology, Chican@ Studies, Communication, English, Feminist Studies, Global and International Studies, History, Media Arts & Technology, Music, Political Science, Sociology, and the Bren School.

Program Details

The CNS-UCSB Graduate Fellowship program will run for a 12-month period (renewable based upon performance, budget, and research needs) beginning September 22, 2013 at the start of Fall Quarter. The science and engineering

fellowship will provide funding up to **\$17,750 annually**. This amount is intended to cover 50% of the cost of in-state tuition and fees at UCSB for the 2013-2014 academic year (approximately \$6,500) and provide a stipend of approximately \$11,250 intended to contribute toward 12-months of housing and living expenses. The amount will be adjusted to account for any tuition/fee increases. Additional support is provided for Fellows to travel to academic conferences and other venues for dissemination of CNS research and to network with other science and society researchers.

Each successful applicant will work primarily in one of the three CNS Interdisciplinary Research Groups (IRGs), with a specific faculty mentor, but will interact with faculty and students in other groups. Required skills and experience vary by IRG and assignments; knowledge of new materials, chemistry, or toxicology is desirable.. Visit the CNS website for more information about current research: <http://www.cns.ucsb.edu/research>

As a part of the approximately 8-10 hrs/week commitment, S&E Fellows are expected to participate in a CNS-wide seminar each quarter that meets approximately bi-weekly as well as professional development and public engagement activities.

Student Eligibility

This program is open to any science or engineering PhD student (U.S. citizen or permanent resident) who is currently enrolled and in good standing in a relevant graduate program at UCSB. Terminal masters students are not eligible.

- During the fellowship, the Fellow is expected to continue all requirements for their S&E research, and to contribute approximately 8-10 hrs/ week to CNS research and activities.
- Fellows must be in residence at UCSB for the duration of the fellowship in order to fully participate in the full round of CNS activities
- Fellows must have interest in and ability to work productively in a collaborative, interdisciplinary environment
- S&E Fellows must have interest in the societal context for new technological development and commercialization

Application Process



The application deadline is Wed, June 12, 2013. Award announcements will be made by no later than June 21, 2013.

To apply for the 2013-14 Graduate Research Fellowships for Science and Engineering Students opportunity, complete the application found on the CNS-UCSB website: http://www.cns.ucsb.edu/education/fellowships_sci_eng

As detailed in the application document, a complete application requires the following:

1. Application Cover Sheet
2. Statement of Interest relevant to CNS-UCSB
3. Curriculum Vitae
4. Unofficial transcript
5. Letter of Recommendation from your current academic advisor (must be sent from advisor's email address)

Questions about the CNS-UCSB Graduate Fellowship program?

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