GAANN Fellowship Training Opportunity

Graduate Assistance in Areas of National Need (GAANN) Program
Interdisciplinary Training in Applications and Implications of Nanotechnology

Note: As of August, 2011, we are no longer accepting fellowship applications for the current award

The Institute of Molecular and Nanoscale Innovation was awarded a GAANN Training Grant by the U.S. Department of Education. This training grant will support four (4) predoctoral fellows who will pursue interdisciplinary research and teaching in the applications and implications of nanotechnology. As a GAANN fellow, you will be supervised by co-mentors who are actively engaged in the externally-funded research on the nano-bio interface, nanoscale imaging, nanoscale tissue engineering and the environmental and health impacts of nanotechnology.

GAANN fellows will participate in classroom teaching for a minimum of one year under the mentorship of experienced GAANN faculty trainers or through a one year long certification program from the Harriet W. Sheridan Center for Teaching and Learning at Brown University. The ultimate goal of this training program is to prepare the fellows to pursue academic careers combining basic and applied research in nanotechnology with teaching and communication of the future benefits and potential risks of this emerging technology for the environment, human health, and society.

Program Director: Dr. Robert Hurt
Co-Director, Dr. Agnes Kane

The application process and eligibility guidelines can be found on the following page.
GAANN Fellow Application and Eligibility

GAANN Training Grant Application and Eligibility Guidelines

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Eligibility
All 1st year or 2nd year Brown University graduate students enrolled in the participating graduate programs (Engineering, Biomedical Engineering, Chemistry, Neurosciences, Physics or Pathobiology) are invited to apply. Students from underrepresented backgrounds are encouraged to apply.

- An outstanding academic record
- Prior research experience from participation in an undergraduate honors program, summer research, or work as a research technician
- A demonstrated financial need, as will be determined by the standard federal needs analysis (FAFSA) with consultation by Beth Murphy, Assistant Director, Brown Office of Financial Aide. Once a FAFSA has been completed and submitted to Beth Murphy, please advise Kim Cavanaugh, IMNI Manager of Finance and Administration who will follow-up and advise your eligibility to continue with the application process.
- Expressed intention of pursuing a career in teaching or research, as evidenced from applicant’s graduate school entry essays and interviews
- U.S. citizenship or permanent residents

Application Process
Applicants should first verify their eligibility before continuing with the application process. This includes having your financial need confirmed. Applicants should meet with their program directors and two collaborating research mentors in the participating graduate programs mentioned above, and prepare a proposal describing their proposed research, career plans and interests.

Proposals will be reviewed by:
Program Director, Dr. Robert Hurt
Program Co-Director, Dr. Agnes Kane
Members of Internal Advisory Committee
Professor Diane Hoffman-Kim, Biomedical Engineering
Professor Shouheng Sun, Chemistry
Dr. Peter S. Smith, Marine Biological Laboratory

Applications should be submitted to:
Professor Robert Hurt, Director
Robert_Hurt@brown.edu