

SINAM Graduate Young Investigator (GYI) Program Call for Proposal

Proposal Deadline: Dec. 1st, 2010

Program Description

NSF Nanoscale Science and Engineering Center for Scalable and Integrated NAnoManufacturing (SINAM) is inviting applications for “**Graduate Young Investigator**” Program. The purpose is to offer the opportunity for graduate students in leading the research project with their innovative ideas. Graduate students from six SINAM partner Universities are invited to compete for innovative research ideas. The student to be selected will be required to propose a new and innovative research topic that involves at least two faculty members at SINAM from different fields, to study a nano-manufacturing topic using a multidisciplinary approach. This will allow the student to experience being a “driver” in research and inspire them to work across different disciplines. The student will combine the fund, with resources from the faculty advisers to conduct an exploratory research project. Please refer to SINAM’s website at <http://www.sinam.org> for more detailed information.

Deadline

Proposal is due by *Dec. 1st, 2010*

Funding

- Each GYI award size will be in amounts up to \$25,000 in a 12-month period. The grant will be used to support proposed research activities. The covered expenses may include purchasing for small instruments (<\$1,500 or per University’s policy), supplies, cleaning room charges, and graduate student stipend.

Application Requirements

All applications for Graduate Young Investigator grant must include:

- The research topic must be new and proposed by the student. It should not be the extension of existing collaborations between two faculties.
- Research proposal (limited to 3 single-spaced pages, size 12) that addresses the following:
 - Brief review of relevant research literature and rationale for the proposed research
 - Description of proposed research plan and goals
- Proposed budget breakdown (limited to ½ page)
- Student’s curriculum vitae (one page)
- Endorsement statement from at least two SINAM faculty members (limited to ½ page)

Applicant Eligibility

- The applicant needs to be registered as a full time graduate student at one of six SINAM partner Universities, including UC Berkeley, UCLA, Stanford, MIT, UNCC and Northwestern.
- To ensure the continuity of the proposed research, the awardees are required to maintain their full-time student status during the funding period (i.e. can not be graduating students).

Submission of GYI Proposals

Proposals should be clearly identified for consideration under GYI program. Three hard copies should be mailed to:

Nga Bui
3112 Etcheverry Hall
Mechanical Engineering Depart.
UC Berkeley
Berkeley, CA 94720

Electronic submission in .pdf format is also accepted. The proposal in .pdf format can be submitted as email attachment to: xz_asst@me.berkeley.edu