

Research Experience for Undergraduate Students in Nanomaterials and Biomaterials

Grantor: University of Memphis/National Science Foundation

Closes: 3/31/2010

Maximum: \$4,200.00

Research Experience for Undergraduate Students in Nanomaterials and Biomaterials

This NSF-funded Research Experience for Undergraduates (REU) Program at the University of Memphis invites students at the sophomore, junior or senior level with backgrounds in physics, chemistry and engineering to participate in a 10-weeks summer program in the interdisciplinary fields of Nanomaterials and Biomaterials.

Successful applicants will receive stipends (\$4,200), on-campus housing, and travel allowances (up to \$500). Students may also receive travel funds to present their REU research at conferences during the 2010/2011 academic year.

This highly interdisciplinary program will provide cutting-edge research experience and hands-on experience with state-of-the-art experimental and computational equipments and techniques under the supervision of faculty from the Physics Department, Chemistry Department and Biomedical Engineering. The program will enrich students research experience with various activities, including professional development, visits to industrial development and research laboratories, and social networking.

We seek a diverse student population. Minority students, female students, economically disadvantaged students and first generation college students are strongly encouraged to apply.

Duration

June 1-August 6, 2010

(Students are expected to arrive on May 31st and leave on August 6th or 7th, 2010.)

Eligibility

Prospective student must be:

- * Sophomore, junior or senior
- * Major in Physics, Chemistry, Engineering or Biology
- * GPA equal or higher than 3.0
- * American citizen or legal immigrant (Green card holder)

Students from two-year and four-year community colleges are strongly encouraged to apply.

Application Deadline: Wednesday, March 31, 2010

Please direct you email communications to fsabri@memphis.edu

Program Coodinator

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Link: <http://cassian.memphis.edu/physics/reu/>

Categories: Academia, Basic Science, Bioengineering, Chemical Engineering, Chemical Sciences, Chemistry, Materials Chemistry, Nanotechnology

Audience: Novice Researcher, Student Researcher, Undergraduate, Undergraduate Researcher