

Call for Applications: 2012 National Science Foundation Research Experiences for Undergraduates Program on Networked Ventures for Collaborative Biological Discovery at Wadsworth Center

Grantor: Wadsworth Center

Closes: 3/5/2012

Maximum: \$4,800.00

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The Wadsworth Center participates in summer research experiences for undergraduates. Students are selected from colleges across the country to work for 10 weeks (from early June through mid-August) on independent research projects in the laboratories of Wadsworth scientists.

The focus of the 2012 Wadsworth Center's summer Research Experience for Undergraduates (REU) is "Networked Ventures for Collaborative Biological Discovery". The primary objective of this program is to provide cutting-edge research experiences in collaborative scientific discovery to undergraduate students, including underrepresented minorities, to help them gain insight into how scientific research is conducted.

Students can choose either a traditional, single-mentored research project, or a networked collaborative project.

In these collaborative projects, two students are networked together with one or two mentors to tackle a common research problem. The diverse range of projects covers molecular genetics, cell biology, neuroscience, and structural, as well as, computational biology. All of these are pursued within a close-knit environment that will provide a uniquely enriching research training opportunity for undergraduates. The strength of this program is clearly delineated by the robust external research funding of mentors and the intellectual achievements and peer-reviewed publications of REU students and mentors.

Application Process

Ensure Eligibility

Applicants are sought who are undergraduates majoring either in a natural or basic science (biology, chemistry, computational modeling, genetics, mathematics), who will have completed their first, second or third year of study by the summer, and who are interested in attending graduate school with the goal of pursuing a career in science. Students graduating May 2012 are not eligible. If you meet these eligibility criteria, we encourage you to apply to the program.

Send the following materials to reu@wadsworth.org

In addition to the on-line application, interested students should submit directly to the Summer Undergraduate Research

Program: i) a resumé, ii) official college transcripts, iii) two letters of recommendation from faculty members, and iv) a one-page summary stating both their field of interest and why they wish to participate in the Wadsworth Center's REU program. The resumé and summary statement may be submitted together as an attached pdf or word file. Recommendations from faculty or mentors may also be submitted directly to the online site.

Applications are encouraged from students attending colleges with limited research opportunities and from students who are members of groups underrepresented in the sciences, such as women, racial minorities, veterans, and the physically challenged, and who are first in their family to attend college. Applicants must be U.S. citizens or permanent residents, and upon acceptance will receive a stipend of \$4800, plus paid on-campus housing, and travel to Albany.

Summer Undergraduate Research Program

Wadsworth Center, Room E-275

Empire State Plaza, Box 509

Albany, NY 12201-0509

Phone: (518) 473-6961

e-mail: reu@wadsworth.org

On-line applications for the 2012 Research Experience are now being accepted, applications will continue through Monday, March 5, 2012.

Students from groups that are underrepresented in the sciences, as outlined above, are encouraged to apply.

Link: <http://www.wadsworth.org/reu>