

Call for Applications From Undergraduates: Integrated Biological Sciences Summer Research Program at the Institute for Biology Education at the University of Wisconsin-Madison

Grantor: Institute for Biology Education at the University of Wisconsin-Madison

Closes: 2/15/2012

Maximum: \$5,250.00

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The Program: May 29th- August 4th, 2012 Application Deadline: February 15th, 2012

The Institute for Biology Education at the University of Wisconsin-Madison invites junior and senior undergraduate students interested in research careers in the biological sciences to participate in the Integrated Biological Sciences Summer Research Program (IBS-SRP). As part of the program, students do full-time research for 10 weeks with a faculty member in one of eight disciplinary areas:

Biochemistry/Biophysics

Bioenergy

Cellular and Molecular Biology

Computational Biology & Biostatistics

Ecology, Plants, and Environmental Systems

Molecular & Environmental Toxicology

Neurobiology

Virology

The eight disciplinary areas are connected through a seminar series highlighting major themes in biology, science writing, preparation for graduate school, and biological sciences careers. The major themes are:

• evolution

• pathways and transformations of energy and matter in biological systems

• information flow, exchange and storage in biological systems

• structure and function

• systems biology

At the end of the program, students give an oral presentation of their research results and write a final research report that is published in a program journal.

Eligibility

Applicants must be US citizens or permanent residents between their sophomore and senior years who have a grade point average of at least 3.0 and strong interest in a career in biological research. Students who are African American, Hispanic, Native American, Southeast Asian, Native Alaskan or Native Pacific Islander OR who are from low-income homes OR who are the first in their family to attend college OR who attend small liberal arts institutions without broad research facilities are strongly encouraged to apply.

Application Procedure

All application materials are due on February 15, 2012!

Financial Support

There are no fees or tuition costs. The program provides a \$5,250 stipend, full support for travel, housing, health insurance (if needed), and a partial food allowance. Students also have access to campus libraries and facilities.

Research Areas

The range of biological research areas in which students may participate is quite extensive. Applicants are encouraged to learn about faculty doing research in their areas of interest, and identify their top choices for potential mentors in the application.

Selection and Placement

Selection and laboratory placement of students will take place in January, February, and March. Applicants who are not placed will be notified by the end of April.

Contact

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Program Director

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Link: <http://cbe.wisc.edu/srp-bio/>