



Southern California Bioinformatics Summer Institute

Cal State University, Los Angeles

June 22 - August 20, 2009

Molecular
Life Science



Genomics

Drug Design

Phylogenetics

Structural
Biology

Computer
Science

Math

Statistics

Funded by:

The National
Institutes
of Health



The National
Science
Foundation



Economic &
Workforce
Development



Application Deadline: March 02, 2009

Receive:

- \$5,000 stipend for undergraduates.
- \$6,000 stipend for graduate students.

Participate In:

- Bioinformatics education and research.
- Internships at universities and industries conducting cutting edge research.

Requirements:

- The minimum requirement is an undergraduate student of sophomore standing or a student at a community college in the process of transferring to a four year program.
- Students are eligible up to their second year of graduate school.
- Maintain a minimum 3.0 GPA in math, engineering, and science courses.

Plus one of the two requirements below:

- Students must be majoring in a molecular life science-related field and have completed one C++ or object-oriented programming course.
- or**
- Students must be majoring in a computer science-related field and have completed one molecular life science course.

Application Process

- Completed application package must be received by March 02, 2009 to receive consideration for the program.
- Participants must be U.S. Citizens or Permanent Residents.
- Women and minorities are encouraged to apply.

Program

- 2 weeks of didactic training in bioinformatics at California State University, Los Angeles.
- 7 weeks of research training at one of the following Research Centers:
 - Allergan, Inc
 - BioDiscovery, Inc
 - California Institute of Technology
 - Cal State Polytechnic University, Pomona
 - Cal State University, Los Angeles
 - City of Hope National Medical Center
 - House Ear Institute
 - Huntington Medical Research Institute
 - University of California, Irvine
 - University of California, Los Angeles
 - University of Southern California

Goal

- Offer a comprehensive learning and research experience to students interested in pursuing a career in bioinformatics.

Experience

- Students will participate in an extensive education program consisting of courses bridging molecular life sciences and computer science to achieve a common goal. Seminars by leading bioinformaticists. Career counseling is available.

For More Information & Application

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