



# Southern California Bioinformatics Summer Institute

Cal State University, Los Angeles

June 18 - August 23, 2007

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 05, 2007

### 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 05, 2007 to receive consideration for the program.
- Participants must be U.S. Citizens or Permanent Residents.
- Women and minorities are encouraged to apply.

### Program

- 3 weeks of didactic training in bioinformatics at California State University, Los Angeles.
- 7 weeks of research training at one of the following Research Centers:
  - BioDiscovery, Inc
  - California Institute of Technology
  - Cal State University, Los Angeles
  - City of Hope National Medical Center
  - Huntington Medical Research Institute
  - University of California, Irvine
  - University of California, Los Angeles
  - ViaLogy, Corp

### 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. Lectures and workshops will be held in a state-of-the-art computer classroom.

*State-of-the-Art  
Research Opportunity  
In Sunny Southern California!*

### For More Information & Application

- <http://www.calstatela.edu/SoCalBSI>
- E-mail: [SoCalBSI@calstatela.edu](mailto:SoCalBSI@calstatela.edu)
- Tel: (323) 343-2494
- Fax: (323) 343-2499