

UCLA Summer Programs for Undergraduate Research Life and Biomedical Sciences **SPUR-LABS**

The SPUR-LABS summer program provides a rigorous research training experience for undergraduates with interests in a broad range of bioscience disciplines.

Exceptional research training, integrated with professional development activities, will prepare students to succeed in leading Ph.D. and M.D./Ph.D. programs. The program is designed for students participating in honors research programs that promote diversity in bioscience fields (e.g., Minority Access to Research Careers, MARC).

Participants receive a stipend, lodging on the UCLA campus, and travel support.

Dates

- Eight week option: Sunday, June 22–Saturday, August 16, 2014
- Ten week option: Sunday, June 22–Friday, August 29, 2014

Highlights

- Hands on research experience mentored by an outstanding UCLA faculty member
- Training in a world class research environment that includes medical school and college bioscience programs together on one campus
- Weekly seminars and workshops on career skills including science writing and presentation
- Individualized guidance on applying to graduate school
- Networking with bioscience students and faculty

Full details and Application Instructions: <http://ucla.in/M6QYhI>

Application Deadline: March 3, 2014

Contact: spurlabs@mednet.ucla.edu



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Life Sciences

SPUR-LABS Research Training Areas

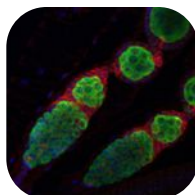


Biochemistry, Biophysics & Structural Biology

Applying leading edge technology to explain interactions among proteins, nucleic acids and small molecule metabolites and drugs

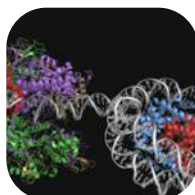
Bioinformatics

Marrying biology and the information sciences to expose the inherent structure of biological information



Cell & Developmental Biology

Discovering how processes within single cells contribute to organism development and disease



Gene Regulation

Mechanisms of epigenetic regulation of gene expression—both biologically and biochemically—in model organisms, stem cells, the immune system, and cancer



Genetics & Genomics

Identification and characterization of genes, pathways, and molecular mechanisms that convert human health to a disease

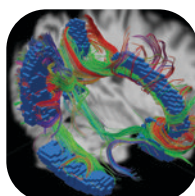


Immunity, Microbes & Molecular Pathogenesis

Understanding microbes, infection and the immune system defense against disease

Molecular Pharmacology

Biological, medical, physical, engineering and mathematical sciences directed at understanding, diagnosing, and treating disease

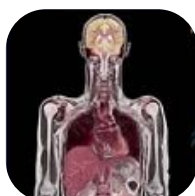


Molecular, Cellular & Integrative Physiology

Training students to think creatively and analytically about intricate processes that regulate the function of complex biological systems

Neuroscience

Combining analytical tools of multiple disciplines to creatively converge on solutions to specific questions about neural function



Physics & Biology in Medicine

Solving basic and applied problems in the imaging and treatment of disease and biological processes