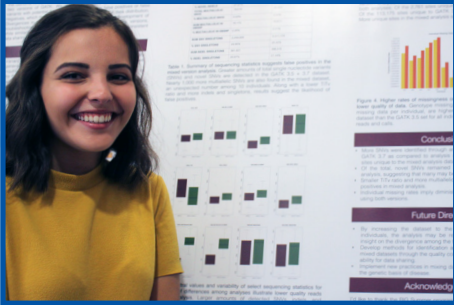


UCLA B.I.G Summer

BRUINS-IN-GENOMICS SUMMER UNDERGRADUATE RESEARCH PROGRAM



DO YOU HAVE

A PASSION FOR

COMPUTING, BIOLOGY,

MATH, AND SCIENCE?

JUNE 22 TO AUGUST 14, 2020
APPLICATION REVIEW BEGINS
JANUARY 5, 2020

B.I.G. Summer is an 8-week full-time immersion program for undergraduates interested in learning how to **read and analyze genes and genomes**. Through this program students will have the opportunity to experience graduate-level coursework, and **learn the latest cutting-edge research, tools and methods** used by leading scientists to solve real-world problems.

INTERACTIVE LEARNING

Skills-building workshops
Research lunch talks
Faculty-led journal clubs

HANDS-ON TRAINING

Original research projects
Weekly lab meetings
Scientific poster session

CAREER BUILDING

Individual Development Plans
GRE prep courses
Social activities with faculty

B.I.G. Summer experiences **show students what a science career can look like**. Students apply what they've learned to an original research project in a laboratory, guided by UCLA faculty mentors. Students learn how to be a scientist in lab meetings, journal clubs, and our final poster and award session.

Areas of research include:

- Biomedical Genetics and Genomics
- Neurogenetics
- Cancer genetics
- Population Genetics
- Microbiome analysis
- Immunology
- Host pathogen interactions
- Ecosystem modeling



UCLA QCB seeks exceptional students who will contribute to campus diversity. We encourage women, minorities, & individuals with disabilities to apply.

ALSO AVAILABLE \$1000-\$4000 STIPEND AND SUPPORT FOR SELECT STUDENTS * ON-CAMPUS HOUSING incl. BREAKFAST * AMPLE OPPORTUNITIES TO MEET UCLA FACULTY, POSTDOCS, AND GRAD STUDENTS

[HTTPS://QCB.UCLA.EDU/BIG-SUMMER/](https://qcb.ucla.edu/big-summer/)