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.

**Areas of Research Include:**
- Biomedical Genetics and Genomics
- Neurogenetics
- Cancer genetics
- Population Genetics
- Microbiome analysis
- Immunology
- Host pathogen interactions
- Ecosystem modeling

**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.

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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/