Ph.D. in Computational Biology and Bioinformatics

University of Southern California
Los Angeles, CA

The University of Southern California (USC) is an international leading institution in Computational Biology and Bioinformatics for more than 30 years. Since Michael Waterman joined USC in 1982, the group has grown to include 9 core faculty members, multiple affiliated professors, and more than 50 doctoral students and postdoctoral associates. Our research is supported by grants from the National Institutes of Health (NIH) and the National Science Foundation (NSF), as well as private foundations. In 2003 and 2009, we were awarded Center of Excellence in Genome Science grants by NIH.

Students in our program may choose from a broad set of research topics, with the following areas receiving particular emphasis:

- Computational structural biology
- Quantitative genetics and evolutionary biology
- Genomics and epigenomics
- Network analytics
- Systems biology
- Metagenomics
- Sequence analysis, genome assembly and mapping
- Methodology for analyzing big data

Our graduates have an exceptional placement rate, with some opting for highly desirable industry positions, and others continuing successfully in academia and research. Southern California is one of the premier cultural hubs in the country, and we have nearly perfect weather year-round.

We hope you will consider applying to our Ph.D. program!

Please visit our web page for additional information: http://dornsife.usc.edu/cbb
Questions? Please contact us at cbbgrad@usc.edu

Fall 2016 Application Deadline:
December 15, 2015

Prepare for Various Careers
- Academic and research institutions
- Corporations
- Government Organizations
- Non-profit companies

Financial Support
- Monthly stipend
- Paid tuition
- Health and dental insurance
- Minimum 5 years of support