Bioinformatics
at Boston University

Four years ago, Boston University established one of the first **Ph.D. programs in Bioinformatics** in the nation. Our doctoral training program in Bioinformatics is supported by an IGERT grant from the National Science Foundation.

We also have established an affiliated **Professional Master's Program in Bioinformatics**, with funding from the Alfred P. Sloan Foundation.

At Boston University, the Bioinformatics program aims to build a foundation for the understanding and design of biological systems using computational ideas, methods, and tools combined with experimental investigations.

Among the 50 affiliated faculty members (3 of whom are members of the National Academy of Sciences) are Charles DeLisi (Program Director), Charles Cantor, Temple Smith, Simon Kasif, Bob Berwick, Tom Tullius, Geoffrey Cooper, Ulla Hansen, Zhipeng Weng, Maxim Frank-Kamenetskii, Carlos Hirschberg, and Jim Collins.

Research topics include:
   DNA structure and technology
   whole-genome analysis
   protein engineering
   protein-protein interaction
   proteomics
   gene regulation pathways
   genetic switches
   cancer
   computational biology and biocomputing

Interested individuals having a degree in biology, chemistry, mathematics, computing or other science are invited to apply for admission to the Ph.D. or Master's program.

Boston offers an unmatched set of stimulating opportunities for education and employment in bioinformatics and biotechnology.

The Boston University Bioinformatics program maintains active collaborations with The Institute for Genomic Research, the Whitehead/MIT Center for Genome Research, the National Center for Biotechnology Information, and local industry.

We also are seeking to fill several **postdoctoral research positions** at various levels (research scientist, senior postdoctoral fellow, postdoctoral fellow). These scientists will conduct research in computational genomics, bioinformatics, computational biology, functional genomics, and comparative genomics. We would be happy to consider strong applications from postdoctoral researchers seeking to enter the field of bioinformatics from the life sciences, physics, computer science, learning, or mathematics.

For more information, please see http://bioinformatics.bu.edu

To request an application to the graduate program, please email mkuraoka@bu.edu

For postdoctoral and research scientist positions, please email clyman@bu.edu

Boston University is an equal opportunity employer, and encourages women and minorities to apply