THE GRADUATE SCHOOL PRESENTS:

PHD IN COMPUTATIONAL BIOSCIENCE

PIONEERING APPROACHES TO COMPUTATION AND BIOLOGICAL SCIENCE

The Computational Bioscience program of CU Anschutz is dedicated to training computational biologists who aspire to achieve excellence in research, education and service, and who will apply the skills they learn toward improving human health and deepening our understanding of the living world. The Computational Bioscience Program provides graduates with the foundation for a lifetime of continual learning.

CAREER PATHS OF GRADUATES

Graduates of the Computational Bioscience PhD conduct novel interdisciplinary research in the fields of translational bioinformatics, clinical research informatics and computational molecular biology. Graduates become in bioinformatics, medicine or computer science, or assume high-level research positions in government or industry.

WHY CHOOSE CU ANSCHUTZ?

Our curriculum integrates training in computation and biomedical sciences with student research and teaching activities. Students participate in supervised research on critical biomedical problems, collaborating with top scientists.

Research topics of core faculty include:
Biological Visualization Data, Biomedical Ontology, Clinical Research Informatics, Computational Pharmacology, Gene Expression, Genomics, Metagenomics, Microbiome, Molecular Evolution, Natural Language Processing, Network Analysis, Neuroscience, Next Generation Sequence Analysis, Personalized Medicine, Statistical Methods in Genomics, Biostatistics, Text Mining, Translational Bioinformatics, and Visual Analytics.

PROGRAM HIGHLIGHTS

GLOBALLY RECOGNIZED PROGRAM
Our program is home to internationally recognized faculty.

SUMMER OPPORTUNITIES
Our Colorado Biomedical Informatics Summer Training Fellowship provides computer science students with an immersive 8-week experience.

TRAINING GRANT
Awarded a $2.5 million pre- and post-doctoral training grant from the NIH National Library of Medicine (NLM).

FINANCIAL SUPPORT
Students receive support that includes tuition and fees, health and dental insurance, and a $31,000 stipend.

APPLICATIONS
We accept applications from Sept. 1 to Dec. 1 for the following fall. On-campus interviews take place in February.

DIVERSITY AND INCLUSION
We are committed to diversity and equity. Students from all backgrounds will find resources & support on campus.

Find out more at
compbio.ucdenver.edu

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