

# PhD IN COMPUTATIONAL BIOLOGY & BIOINFORMATICS (CBB)

Where data meets biology and medicine

Computational Biology, Biomedical Informatics and Biomedical Data Science (CBB) are multi-disciplinary. The rapid acquisition of data such as electronic health record data and other types of health data, as well as data made possible by genomics, transcriptomics, and proteomics technologies, has unveiled the gap between data availability and their biological and medical interpretation. Computational and theoretical approaches must be developed to help close this gap. Computational modeling of biomedical processes, management of biomedical data and knowledge, machine and statistical learning, algorithms, human-computer interfaces, as well as statistical and mathematical analyses, are some of the topics in the CBB curriculum.

Yale has an interdepartmental CBB PhD program. Students complete the CBB curriculum while being able to do their dissertation research in the laboratory of a faculty member in any relevant department at Yale.

**We welcome your interest in Yale's CBB PhD program.**



## How to Apply

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Apply by **December 1**

Application information is available at the Yale Graduate School of Arts and Sciences. GRE is not required.

## Contact Us

**Mark Gerstein, PhD**  
Co-Director of Graduate Studies, CBB

**Steven Kleinstein, PhD**  
Co-Director of Graduate Studies, CBB

**Lisa Sobel**  
Registrar, CBB

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