

# FRONTIERS IN COMPUTATIONAL BIOSCIENCES

Spring 2025 - Mondays 12pm – Boyer 159



Monday, March 31, 2025

**Brenna Henn, PhD**

Associate Professor, Department of Anthropology,  
Co-Director: Northern Cape Tuberculosis Project  
UC Davis

**"Why study human genomic diversity in African populations?"**

Hosted by Noah Zaitlen for Genetics & Genomics



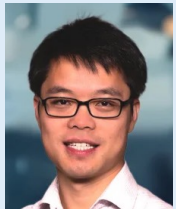
Monday, April 7, 2025

**Adam Yala, PhD**

Assistant Professor of Computational Precision  
Health, Statistics and EECS  
UC Berkeley and UC San Francisco

**"AI for personalized cancer care"**

Hosted by William Hsu for Medical  
Informatics & JCCC



Monday, April 14, 2025

**Xuebing Wu, PhD**

Assistant Professor of Medical Sciences  
Columbia University

**"Illuminating the Twilight Zone: The Noncoding Genome Lost in Translation"**

Hosted by Jessica Li for Bioinformatics



Monday, April 21, 2025

**Justin Sonnenburg, PhD**

Alex and Susie Algard Endowed Professor,  
Microbiology & Immunology  
Stanford University

**"The Predicament of the Industrialized Gut Microbiome"**

Hosted by Nandita Garud for Bioinformatics



Monday, April 28, 2025

**Tiffani Bright, PhD**

Co-Director, Center for Artificial Intelligence  
Research and Education; Assistant  
Professor, Department of Computational  
Biomedicine - Cedars-Sinai Medical Center

**"Fair AI for Health: Reducing Bias in Predictive Models"**

Hosted William Hsu for Medical Informatics



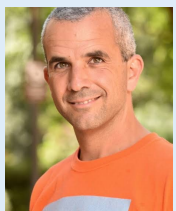
Monday, May 5, 2025

**Mark Gerstein, PhD**

Professor of Biomedical Informatics  
Yale

**"TBD"**

Hosted by Kirk Lohnueller for Genetics &  
Genomics



Monday, May 12, 2025

**Roy Wollman, PhD**

Professor of Integrative Biology and Physiology  
and Chemistry and Biochemistry - UCLA

**"Spatial Single-Cell Mapping of Transcriptional Differences Across Genetic Backgrounds in Mouse Brains"**

Hosted by Xia Yang for Bioinformatics



Monday, May 19, 2025

**Carl Veller, PhD**

Assistant Professor of Ecology & Evolution  
University of Chicago

**"Chromosome-scale drift under stabilizing selection, with evolutionary implications"**

Hosted by Daniel Benjamin for Genetic &  
Genomics



Monday, June 2, 2025

**Lixing Yang, PhD**

Assistant Professor of Ben May Department of  
Cancer Research  
University of Chicago

**"The Causes and Consequences of Somatic Structural Variations in Human Cancer"**

Hosted by Jessica Li for Bioinformatics & JCCC

Contact faculty host to meet the speaker - Refreshments on-site - Zoom available

**UCLA** Bioinformatics

**UCLA** Genetics & Genomics

**UCLA** Medical Informatics

We acknowledge administrative support from QCBio and financial support from QCBio, CTSI, JCCC, and Life Sciences.

For additional information, please contact Caroline Baron, Seminar Series Coordinator, [gcboffice@lifesci.ucla.edu](mailto:gcboffice@lifesci.ucla.edu)