



Epigenome Sciences

Krieger School of Arts and Sciences | School of Medicine | Whiting School of Engineering

LEADS:

Michael Schatz, *Bloomberg Distinguished Professor of Computational Biology & Oncology*

Cynthia Wolberger, *Professor and Director, Department of Biophysics and Biophysical Chemistry*

Carl Wu, *Bloomberg Distinguished Professor of Chromatin Biology & Biochemistry and Engineering*

RECRUITING:

5 Bloomberg Distinguished Professors
5 junior faculty

ABOUT THE CLUSTER

This cluster will develop new insights in the fundamental areas of genome biology and epigenomes through the use of new imaging technologies, genome editing, single-cell techniques, and advanced computational and quantitative methods. Cluster scientists aim to discover fundamental principles linking the architecture, function, and variation in the genome and epigenome to human health and disease.

Cluster scholar backgrounds may include:

- Structural epigenomics & cryo-electron microscopy
- Computational genomics & epigenomics
- 4D genome architecture & expression
- Genome integrity & repair
- Epigenomics & disease
- Single molecule & single cell technologies

Team members in this cluster will work within JHU's unique collaborative culture and receive additional administrative and financial support to ensure their interdisciplinary research is truly impactful and world-changing.



The Bloomberg Distinguished Professorships (BDP) Cluster Initiative at Johns Hopkins University is part of an ambitious investment in interdisciplinary research to bridge academic disciplines and open novel fields of inquiry to tackle society's most complex problems. Recruiting 130 researchers and scholars, the BDP program was established in 2013 and expanded in 2021 and 2023 with gifts from Michael R. Bloomberg, JHU alumnus and 108th mayor of New York City. Many of these positions are dedicated to the Cluster Initiative to recruit scholars and innovators who will draw on each other's unique strengths to make meaningful impact and generate solutions.

WANT TO LEARN MORE?

Additional details about this cluster are available on our website. You can also sign up for updates on future positions, news, and more.

research.jhu.edu/clusters

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