



# HEALTH DATA INFORMATICS AND EQUITY

Bloomberg School of Public Health + School of Medicine

## LEADS:

**Elizabeth Stuart, PhD**, Hurley-Dorrier Professor and Chair, Department of Biostatistics, Bloomberg School of Public Health

**Paul Nagy, PhD, FSIIM**, Associate Professor of Medicine, Radiology, Public Health, and Biomedical Engineering, Schools of Medicine, Public Health, and Engineering

## RECRUITING:

**3 faculty:** all levels

## ABOUT THE CLUSTER

Large-scale data such as electronic health records and technological tools such as AI algorithms are increasingly being used in public health and medicine. While such data resources and tools have great potential to improve clinical care and public health, without careful attention to the data underlying the algorithms and informatics incorrect conclusions and recommendations may be drawn. Expertise in data, informatics, data science, social theory, and equity are all crucial to ensure these tools are harnessed in the best ways to improve health and to not perpetuate biases and inequities. Core biostatistical theory and methods are needed to build frameworks and approaches to examine and address data biases and health inequities, and it is crucial for biostatisticians working in this area to have a deep understanding of the substantive contexts. Likewise, computational and bioinformatics scientists with an understanding of health and data equity concerns are needed. The **Health Data Informatics and Equity** cluster represents a partnership between the Department of Biostatistics and the Section of Biomedical Informatics and Data Science within General Internal Medicine in the School of Medicine. This initiative will bring leading researchers in health data informatics and equity to the University, bringing important expertise and perspectives, diversifying the faculty, and building on existing strengths. It will benefit from projects such as the Observational Health Data Sciences and Informatics (OHDSI) open science collaborative, the Precision Medicine Centers of Excellence (PMCOE) projects within Medicine, and the Data Science and AI initiatives and will jumpstart impactful work at this important interface.

## ABOUT THE FANNIE GASTON-JOHANSSON FACULTY OF EXCELLENCE PROGRAM AT JOHNS HOPKINS UNIVERSITY

The Fannie Gaston-Johansson Faculty of Excellence Program is part of a \$50 million investment that focuses on the recruitment, retention, and advancement of faculty who demonstrate a commitment to diversity and inclusive excellence as part of JHU's Second Roadmap on Diversity, Equity, and Inclusion. The initiative will bring 30 scholars committed to inclusive excellence to Johns Hopkins University, with a concentration on areas where diversity among faculty has lagged and an emphasis on recruiting scholars in science, technology, engineering, and math fields.

FANNIE GASTON-  
JOHANSSON

FACULTY OF  
EXCELLENCE

PROGRAM



FOR MORE INFORMATION USE THE QR CODE TO VISIT  
[facultyaffairs.jhu.edu/initiatives/deia/fgjefp](https://facultyaffairs.jhu.edu/initiatives/deia/fgjefp)  
OR EMAIL [Faculty\\_Diversity@jh.edu](mailto:Faculty_Diversity@jh.edu)



JOHNS HOPKINS  
UNIVERSITY