



EXCELLENCE IN MATHEMATICAL BIOLOGY

→ *Whiting School of Engineering*

LEADS:

Dr. Warren L. Grayson, Professor, Biomedical Engineering,
Vice Chair for Faculty Affairs

Dr. Elana Fertig, Professor, Oncology Quantitative Sciences,
Division and Associate Cancer Center Director of Quantitative
Services, Co-Director Convergence Institute

RECRUITING:

5 faculty: 2 senior, 3 junior

Senior faculty in Mathematical Oncology

*Mid-career and junior faculty in
MathBio research*

*Targeting joint appointments between
Applied Math & Statistics, Biomedical
Engineering and Oncology*

ABOUT THE CLUSTER

The goal of the **MathBio cluster** would be to coalesce efforts and create synergy among the researchers in the field of Mathematical Biology who work at the intersection of life sciences and mathematics. The excellence of Johns Hopkins investigators in mathematics, biology, medicine, biostatistics, and computational biology provides a rich environment in which MathBio can thrive.

We are seeking faculty with a background in excellence in mathematical theory, physics-based models, computer science, artificial intelligence, biomedicine, and/or genomics, who seek to:

- Build models of complex biological systems to understand and predict their behavior.
- Enable inquiry into the fundamental mechanisms and in the prediction of future states of the biological systems to facilitate the design of the next experiment, therapeutic, or biomarker.

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

PRO→GRAM



FOR MORE INFORMATION USE THE QR CODE TO VISIT
facultyaffairs.jhu.edu/initiatives/deia/fgjefp
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