Preparing and Responding to Emerging Pandemics (PREP)

 ABOUT THE CLUSTER

This cluster will address key gaps in computational methods from modeling to phylogenomics and One Health. This investment will ensure a group of interdisciplinary faculty who can rapidly leverage existing tools, expertise, and relationships to guide evolving scientific inquiry and policy decisions around current and future pandemics. Cluster scholars will have expertise in translation, communication, and policy.

Cluster scholar backgrounds may include:

- One Health and zoonotic spillover events
- Molecular epidemiology and phylodynamics
- Infectious disease transmission modeling, network and optimization science

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.

LEADS:
Joseph Mankowski, Director, Department of Molecular and Comparative Pathobiology
Shruti Mehta, Vice Chair for Research and Administration, Department of Epidemiology

RECRUITING:
3 Bloomberg Distinguished Professors
3 junior faculty

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.