Our Institute conducts groundbreaking research to better understand the role of environmental factors on human health and to inform public health interventions through both policy changes and community engagement.

MIAEH’s unique combination of faculty expertise allows us to make an impact on environmental public health locally, nationally and internationally, with ongoing activities in the US, Africa, Asia and Europe. The Institute focuses not only on the impacts of air, water, food, and soil quality on human health, but also on the critical contributions of built, natural, social, economic, and work environments. Research initiatives range from exposure assessment and epidemiology to health informatics and risk.

Recent projects include:

• studying how farming practices influence the prevalence of antibiotic-resistant bacteria,
• air pollution’s impact on asthma,
• mechanisms of flu transmission,
• and a first-of-its-kind report on the potential public health impacts if fracking is allowed in Maryland, which is guiding state policy decisions.
GRADUATE DEGREES OFFERED:

Master of Public Health, Environmental Health Sciences
Explore critical relationships between environmental exposures and health while translating and applying research findings towards the development of effective environmental health policies. All students are mentored closely by our faculty members and gain practical experience through an internship focused on translating research into action.

Doctor of Philosophy, Toxicology and Environmental Health
Master an essential core of knowledge in toxicology, environmental health, occupational hygiene, epidemiology and biostatistics in this program, part of the University System of Maryland’s Graduate Program in Toxicology. Through elective courses, field studies and laboratory rotations, you’ll get the experience and tools needed to specialize within the broader area of toxicology and environmental public health.

Certificate in Global Health, post-baccalaureate
Learn about the issues, policies, and practices that enable individuals who may not have public health backgrounds to work effectively in agencies and programs providing global health services. This 12-credit program emphasizes translational health issues and combining population-based prevention methods with evidence-based, community-supported initiatives.

THE UNIVERSITY
A global leader in research, entrepreneurship and innovation, Maryland is ranked No. 21 among public universities by U.S. News & World Report and No. 14 among public universities by Forbes. The Institute of Higher Education, which ranks the world’s top universities based on research, puts Maryland at No. 38 in the world, No. 29 nationally and No. 13 among U.S. public research institutions. Located “inside the beltway” just minutes from the nation’s capital, the University of Maryland, College Park campus provides unparalleled access to unique opportunities for research and collaboration with major federal institutions and NGOs, including:

- Chesapeake Bay Foundation
- Environmental Protection Agency (EPA)
- Food and Drug Administration (FDA)
- Maryland Department of Health and Mental Hygiene (MD DHMH)
- Maryland Department of the Environment (MDE)
- National Center for Health Statistics (CDC)
- National Institutes of Health (NIH)
- National Science Foundation (NSF)
- United States Department of Agriculture (USDA)

In addition to being a vibrant hub of research and policy, the D.C. area's rich and diverse culture make it an especially lively, friendly, accessible community for students to thrive professionally and personally.

ADMISSIONS DEADLINES
All admissions deadlines are for fall 2015 matriculation.

MPH, Environmental Health Sciences
Best consideration by 2/1/15

PhD, Toxicology and Environmental Health
12/1/2014

MORE INFORMATION
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