



SCHOOL OF  
PUBLIC  
HEALTH

UNDERGRADUATE  
PROGRAMS



### Francine Baker '17

Graduate Research Assistant  
University of the District of Columbia  
Master of Science student, Cancer  
Biology, Prevention and Control  
Member, Md Public Health Association  
Board of Directors

# PUBLIC HEALTH SCIENCE AT SHADY GROVE

**Prepare for a career in public health, medicine or the allied health professions.**

Our interdisciplinary degree program in public health science enables students to succeed in public health, medicine, dentistry, pharmacy and the allied health professions.

Our students progress to graduate programs and careers in disciplines including disease prevention, environmental protection and health policy at local, federal and global locations.

The public health science program includes a strong curriculum in science and public health courses, such as biostatistics, epidemiology, environmental health and global health.

Students have the opportunity to explore public health through electives, laboratory experiences, optional internships and a culminating interdisciplinary capstone course.

In addition to foundational courses in the natural sciences which include chemistry, organic chemistry, genetics and microbiology, public health science courses include:

- Essentials of Public Health Biology
- The Coming Plague
- Public Health Nutrition
- Policy, Advocacy and Public Health
- Vaccines and Immunology

#### MORE INFORMATION

[sph.umd.edu/phs](http://sph.umd.edu/phs)

**CAREEMA YUSUF**

Academic Advisor  
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“The PHSC program gave me training in the basic science and in the community, environmental and population-based science. It was a good fit for me. Being able to interact with everyone that is at the School of Public Health while still having the convenience of taking the classes at Shady Grove was a big deal for me.”

## ABOUT THE UNIVERSITY OF MARYLAND

RANKED

8

**Best Value College**

Kiplinger's Personal Finance magazine

RANKED

15

**Most Innovative School**

U.S. News & World Report

RANKED

22

**Public Research Institution**

U.S. News & World Report

# WHAT WILL YOU DO WITH YOUR PUBLIC HEALTH SCIENCE DEGREE?

## GRADUATE EDUCATION

Our alumni are continuing education in graduate and professional fields such as:

Physician Assistant Programs

Medicine

Dentistry

Nursing

Public Health

Health Administration

And More!

## POSSIBLE CAREER OPPORTUNITIES

public health analyst, health policy consultant, patient coordinator, health communications specialist, health information manager, health and wellness coach, clinical research assistant, development specialist and volunteer coordinator

## WHERE PUBLIC HEALTH SCIENCE GRADS ARE WORKING

(Selected list of employers)



KAISER  
PERMANENTE®



National Institutes  
of Health



MedStar Health



Peace  
Corps



CENTERS FOR DISEASE  
CONTROL AND PREVENTION



United Nations



HENRY M. JACKSON FOUNDATION  
FOR THE ADVANCEMENT OF MILITARY MEDICINE

## PUBLIC HEALTH SCIENCE AT SHADY GROVE

Public Health Science programmatic requirements are identical at both the College Park and Universities at Shady Grove campuses. However, students seeking admission to the Public Health Science program at Shady Grove must complete the following UMD-equivalent pre-requisite courses before applying, in addition to standard admission requirements:

- MATH120: Elementary Calculus I
- BSCI170/171: Principles of Molecular & Cellular Biology/Lab
- BSCI201: Human Anatomy and Physiology I
- BSCI202: Human Anatomy and Physiology II
- CHEM131/132: Fundamentals of General Chemistry/Lab
- CHEM231/232: Organic Chemistry I/Lab\*
- BSCI222: Principles of Genetics
- BSCI223: General Microbiology
- UMD equivalent of one of the following: PSYC100, SOCY100, SOCY105, ANTH260, HLTH130, or HLTH230

Visit [transfercredit.umd.edu](http://transfercredit.umd.edu) for more information on institutional course transferability.

To apply to UMD in College Park or Shady Grove, visit [admissions.umd.edu](http://admissions.umd.edu).

### Careema Yusuf, MPH

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[sph.umd.edu/phs](http://sph.umd.edu/phs)

\* Students transferring to Public Health Science at Shady Grove from Montgomery College may also take the MC equivalent of CHEM150 to fulfill the Organic Chemistry requirement.