



Pitt Public Health

Infectious Diseases & Microbiology



412-624-3331

<https://publichealth.pitt.edu/idm>

idm@pitt.edu

IDM PhD

Program Director – Dr. Simon Barratt-Boyes smbb@pitt.edu

The PhD program in the Department of Infectious Diseases and Microbiology prepares students for competitive research and teaching careers in academia, government agencies, and private industry. PhD students complete coursework that emphasizes the fundamentals of pathogen biology, immunology, cell biology, and molecular biology, which provides the necessary educational basis to conduct independent research mentored by our faculty.

PROGRAM REQUIREMENTS

- 72 credits total
- Preliminary exam
- Comprehensive exam
- Research project and Dissertation
- First author publication

PROGRAM LENGTH: Complete the program in an average of 6 years

IDM MS

Program Director – Dr. Amy Hartman hartman2@pitt.edu

The Master of Science in Infectious Diseases and Microbiology program provides students with a unique basic science education within the Graduate School of Public Health. Graduates of our MS program develop skills and experience to become more competitive applicants for medical school and doctoral programs, as well as qualified researchers in academia, government, and industry. This two-year program emphasizes coursework in immunology, cell biology, and virology, and enables students to apply their coursework to their thesis research projects completed under a faculty advisor.

PROGRAM REQUIREMENTS

- 36 credits total
- Comprehensive exam
- Research project
- Written thesis & defense

PROGRAM LENGTH: Complete the program in 2 years or less

MPH - PEL

Program Director – Dr. Jeremy Martinson (jmartins@pitt.edu)

The MPH with a concentration in Infectious Disease Pathogenesis, Eradication, and Laboratory Practice (PEL) enables students a unique educational experience, which brings together pathogen biology, immunology, and epidemiology within the broader framework of public health. Students then can apply what they learn in a laboratory setting. Students graduate from the MPH PEL program with the expertise necessary for occupations in public health education, analysis, and research in the non-profit, government, or private sectors. The program also prepares students for further education in medical or graduate programs.

PROGRAM REQUIREMENTS

- 42 credits total
- Written essay OR thesis
- 200 hour practicum
- OPTIONAL lab rotation

PROGRAM LENGTH: Complete the program in 2 years or less

MPH – MIC

Program Director - Dr. Linda Frank (frankie@pitt.edu)

The MPH with a concentration in Infectious Disease Management, Intervention, and Community Practice (MIC) provides a tailored educational experience to foster competencies for practice, research, and education in public health. Students take courses that focus on global and domestic infectious diseases including HIV, and assists students in designing interventions, approaches, and policies to address the increase in infectious diseases as well as emerging infectious disease threats to public health. This coursework paired with hands-on practicum experience particular to the student's interest prepares students for careers in public health education, program development and management, or further education.

PROGRAM REQUIREMENTS

- 42 credits total
- Written essay OR thesis
- 200 hour practicum

PROGRAM LENGTH: Complete the program in 2 years or less