MENTOR | TITLE | RESEARCH FOCUS
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Neuzil | Professor of Medicine and Pediatrics, Director (CVD) | Respiratory diseases, vaccine policy and introduction, epidemiology, vaccine trials
Campbell | Professor of Pediatrics | Pediatric and adult vaccine trials, epidemiology of vaccine preventable diseases, acceptance of vaccines
Chen | Professor of Medicine | Enteric diseases and controlled human infection models, adult clinical trials
Kreft | Professor of Medicine and Pediatrics, Associate Director for Clinical Research (CVD) | Shigella vaccine, clinical trials, human challenge studies, epidemiology field research
Lauer | Professor of Pediatrics, Associate Director for Malaria Research (CVD), Associate Dean for Student Research & Education | Malaria, global health, research education
Laurenz | Professor of Medicine and Pediatrics, Program Director, Pediatric Infectious Disease Fellowship Program | Malaria, Typhoid fever, lymphatic filariasis
Levine | Professor of Medicine, Pediatrics, Microbiology & Immunology, Epidemiology & Public Health, Associate Dean for Global Health, Vaccinology, and Infectious Diseases | Enteric diseases and vaccine development, clinical trials
Lyke | Professor of Medicine | Malaria, dengue, tropical diseases, vaccine research, immunoparasitology
Ortiz | Professor of Medicine | Influenza and controlled human infection models, vaccine policy

PATHOGENESIS, IMMUNOLOGY AND ANTIGEN DISCOVERY TRACK MENTORS

MENTOR | TITLE | RESEARCH FOCUS
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Sziel | Professor of Pediatrics, Associate Director for Basic and Translational Research (CVD) | Enteric and respiratory diseases, systemic and mucosal host immunity, vaccines, translational studies, immunosenescence
Barry | Professor of Medicine, Associate Director, Core Curriculum (CVD) | Bacterial pathogenesis, host modeling, vaccine development and pre-clinical evaluation
Cross | Professor of Medicine | Vaccine development, nosocomial pathogens/innate immunity
Ernst | Professor of Microbiology and Immunology | Molecular bacteria, rapid microbial identification
Frisman | Professor of Microbiology and Immunology | Viral vaccines, SARS, coronaviruses
Pazetti | Professor of Pediatrics | Maternal/Infant immunity, immunology, enteric vaccine development
Tennent | Professor of Medicine | Salmonella and nosocomial vaccines
Takala Harrison | Professor of Medicine and Epidemiology and Public Health | Bioinformatics, malaria, pathogen genomics

MENTORS IN TRAINING

MENTOR | TITLE | RESEARCH FOCUS
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Berry | Associate Professor of Pediatrics and Medicine | Malaria, clinical vaccine trials, immunology
Coughlan | Assistant Professor of Microbiology & Immunology | Novel vaccines, respiratory viral pathogens, influenza, Respiratory Syncytial Virus (RSV), coronaviruses
Fitzpatrick | Associate Professor of Medicine | Infectious disease transmission modeler
Toopant | Assistant Professor of Medicine | Immunity to enteric and respiratory pathogens, influenza
Travassos | Associate Professor of Pediatrics and Medicine | Cerebral malaria, severe malaria, immunity, genomic epidemiology

AFFILIATED FACULTY MENTORS

MENTOR | TITLE | RESEARCH FOCUS
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Carbonetti | Professor of Microbiology and Immunology | Host-pathogen interactions in Bordetella pertussis
Carnino da Silva | Professor of Microbiology and Immunology | Evolutionary genetics and genomic science, parasitic infections diseases, genomic vaccinology
Cummings | Professor of Biology, Computer Science, UMCP Director, Center for Bioinformatics and Computational Biology | Bioinformatics
Davis | Professor of Medicine, Senior Associate Dean, Population Health and Community Medicine | Health disparities
Kottill | Professor of Medicine | Hepatitis B, Hepatitis C, HIV infection, T-Cell exhaustion
Liang | Professor of Medicine, Senior Associate Dean of Precision Medicine, Co-Director, Institute of Health Computing | Biostatistics
Maron | Professor of Microbiology and Immunology, Acting Director, Institute for Genome Sciences | Computational sciences, cardiovascular disease, Clinical genomics, systems biology
Ravi | Associate Professor of Medicine, Director, Infectious Disease Fellowship Program | International HIV care and treatment, clinical management of HIV and cancer
Roghran | Professor of Epidemiology & Public Health | Epidemiology of antibiotic resistant bacteria
Sow | Adjunct Professor of Medicine, Epidemiology & Public Health | Pediatric vaccines, clinical trials, epidemiology
Vogel | Professor of Microbiology & Immunology, Associate Dean for Physician-Scientist Training | Inflammation, host-pathogen interaction
Webb | Associate Professor of Microbiology & Immunology, Assistant Director for Diversity, Equity and Inclusion | NKT cells, other innate lymphocyte function