

Clinical, Epidemiologic Science, and Policy Track Mentors (Track Director: Kirsten Lyke)				
Mentor	Title	Research Focus		
Laufer	Interim Director (CVD) Associate Director for Malaria Research (CVD) Associate Dean for Student Research & Education Professor of Pediatrics	Malaria, global health, research education		
Buchwald	Assistant Professor of Pediatrics	Impact of climate change on health and intervention designed		
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		
Kotloff	Associate Director for Clinical Research (CVD) Professor of Medicine and Pediatrics	Shigella vaccine, clinical trials, human challenge studies, epidemiology field research		
Laurens	Program Director, Pediatric Infectious Disease Fellowship Program Professor of Medicine and Pediatrics	Malaria, Typhoid fever, lymphatic filariasis		
Levine	Professor of Medicine, Pediatrics,	Enteric diseases and vaccine development, clinical trials		

	Microbiology and Immunology, Epidemiology & Public Health Associate Dean for Global Health, Vaccinology, and Infectious Diseases			
Lyke	Director, Malaria Vaccine and Challenge Unit (CVD) Professor of Medicine, Molecular Microbiology and Immunology	Malaria, dengue, tropical diseases, vaccine research, immunoparasitology		
Ortiz	Professor of Medicine	Influenza and controlled human infection models, vaccine policy		
Takala-Harrison	Professor of Medicine and Epidemiology and Public health	Takala-Harrison	Professor of Medicine and Epidemiology and Public health	Bioinformatics, malaria, pathogen genomics
Pathogenesis, Immunology and Antigen Discovery Track Mentors (Track Director: Marcelo Sztein)				
Sztein	Associate Director for Basic and Translational Research (CVD) Professor of Pediatrics, Medicine and Microbiology and Immunology Vaccinology T32 PI	Enteric and respiratory diseases, Systemic and mucosal host immunity, Vaccines, Translational studies, Immunesenescence		
Barry	Associate Director, Core Curriculum (CVD) Professor of Medicine	Bacterial pathogenesis, Host modeling, Vaccine development		

		and pre-clinical evaluation		
Ernst	Chair Department of Microbial Pathogenesis Professor of Microbial Pathogenesis	Molecular bacteria, rapid microbial identification		
Frieman	Professor of Microbiology and Immunology	Viral vaccines, SARS, coronaviruses		
Pasetti	Professor of Pediatrics	Maternal/infant immunity, immunology, enteric vaccine development		
Affiliated Faculty Mentors				
Carbonetti	Professor of Microbiology and Immunology	Host-pathogen interactions in <i>Bordetella pertussis</i>		
Carneiro da Silva	Associate Director for Research, Institute for Genome Sciences Professor of Microbiology and Immunology	Evolutionary genetics and genomic science, parasitic infections diseases, genomic vaccinology		
Coughlan	Assistant Professor of Microbiology & Immunology	Adenoviral vectors, vaccines, influenza virus, RSV, coronavirus, universal vaccines, immunology		
Cummings	Director, Center for Bioinformatics and Computational Biology Professor of Biology, Computer Science (UMCP)	Bioinformatics		
Davis	Senior Associate Dean, Population	Health Disparities		

	Health and Community Medicine, Professor of Medicine			
Kottlil	Professor of Medicine	Hepatitis B, Hepatitis C, HIV infection		
Liang	Senior Associate Dean of Precision Medicine Professor of Epidemiology and Public Health	Biostatistics		
Maron	Co-Director of University of Maryland– Institute of Health Computing	Biostatistics		
Ravel	Institute for Genome Sciences Professor of Genome Sciences and Microbiology and Immunology	Computational sciences, cardiovascular disease, clinical genomics, systems biology		
Reidel	Medical Director, Center for International Health Education and Biosecurity (CiHeb) Director, Infectious Disease Fellowship Program Associate Professor of Medicine	International HIV care and treatment, clinical management of HIV and cancer		
Roghman	Professor of Epidemiology and Public Health	Epidemiology antibiotic resistant bacteria		
Sow	Adjunct Professor of Medicine, and Epidemiology & Public Health	Pediatric vaccines, clinical trials, epidemiology		

Vogel	Associate Dean for Physician Scientist Training Professor of Microbiology & Immunology, and Medicine	Inflammation, host-pathogen interaction		
Webb	Assistant Director for Diversity, Equity and Inclusion Associate Professor of Microbiology & Immunology	NKT cells, other innate lymphocyte function		
Mentors in training				
Berry	Associate Professor of Pediatrics and Medicine	Malaria, clinical vaccine trials, immunology		
Fitzpatrick	Associate Professor of Medicine	Infectious disease modeling, Transmission modeling		
Toapanta	Assistant Professor of Medicine	Vaccine, immunology, microbiology		
Travassos	Associate Professor of Pediatrics and Medicine	Cerebral malaria, severe malaria, immunity		
Mezghanni	Associate Professor of Pediatrics	Immunology of infectious diseases, in vitro bioengineering of organotypic models		