

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
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, Microbiology and Immunology, Epidemiology & Public Health Associate Dean for Global Health, Vaccinology, and Infectious Diseases	Enteric diseases and vaccine development, clinical trials
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	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
Cross	Professor of Medicine	Vaccine Development, nosocomial pathogens/innate immunity
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
Tennant	Professor of Medicine	Salmonella and nosocomial vaccines

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 and Community Medicine, Professor of Medicine	Health Disparities
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