

# CLINICAL, EPIDEMIOLOGIC SCIENCE, AND POLICY TRACK MENTORS

MENTOR	TITLE	RESEARCH FOCUS
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
Kotloff	Professor of Medicine and Pediatrics, Associate Director for Clinical Research (CVD)	Shigella vaccine, clinical trials, human challenge studies, epidemiology field research
Laufer	Professor of Pediatrics, Associate Director for Malaria Research (CVD), Associate Dean for Student Research & Education	Malaria, global health, research education
Laurens	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
Sztein	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
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
Takala Harrison	Professor of Medicine and Epidemiology and Public Health	Bioinformatics, malaria, pathogen genomics

# MENTORS IN TRAINING

MENTOR	TITLE	RESEARCH FOCUS
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
Toapanta	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
Carbonetti	Professor of Microbiology and Immunology	Host-pathogen interactions in <i>Bordetella pertussis</i>
Carneiro 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
Kottilil	Professor of Medicine	Hepatitis B, Hepatitis C, HIV infection,
	Professor of Epidemiology and Public Health	T-Cell exhaustion
Liang Maron	Professor of Medicine, Senior Associate Dean of Precision Medicine, Co-Director, Institute of Health Computing	Biostatistics
Ravel	Professor of Microbiology and Immunology, Acting Director, Institute for Genome Sciences	Computational sciences, cardiovascular disease Clinical genomics, systems biology
Riedel	Associate Professor of Medicine, Director, Infectious Disease Fellowship Program	International HIV care and treatment, clinical management of HIV and cancer
Roghman	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