

Infectious Diseases

Name	Rank	Division	Research Category	Other Category	Short description of research
Jose Castillo-Mancilla	Associate Professor	Infectious Diseases	Clinical		HIV adherence, HIV pharmacology
Shannon Kasperbauer	Assistant Professor	Infectious Diseases	Clinical		Epidemiology, clinical characteristics and treatment outcomes in non-tuberculous mycobacterial disease.
					My research interest is on the effect of aging in HIV. More specifically, I am interested in the impact of HIV treatment, ongoing inflammation, body composition changes, and physical activity on the development of frailty and limitations in functional mobility with aging. My current projects include 1) an exercise intervention in older HIV+ and HIV- adults; 2) a substudy of a randomized trial of a statin on muscle function and muscle fat. We hope to start enrolling in the next few months in a clinical trial on an IGF-1 secretagogue for HIV-related frailty.
Kristine Erlandson	Assistant Professor	Infectious Diseases	Clinical		
Andres Henao	Assistant Professor	Infectious Diseases	Clinical		Fungal and Bacterial infections, Cryptococcus, Chagas disease and Global Health
					Our research focuses on studying virus-host interactions by which human papillomavirus (HPV) establishes persistent infection and causes head and neck squamous cell carcinoma (HNSCC), using in vitro cell culture systems, in vivo mouse models, and human patient specimens. The goals of current research projects are: 1) To understand HPV-induced suppression of antitumor immunity in the tumor microenvironment; and 2) To investigate the mechanisms of interferon-inducible genes that not only inhibits HPV infection, but also contributes to cancer progression by inducing somatic mutations.
Dohun Pyeon	Associate Professor	Infectious Diseases	Basic		
J David Beckham	Associate Professor	Infectious Diseases	Basic		Our lab studies the pathogenesis of flavivirus infections such as West Nile virus and Zika virus. We also have clinical research projects focused on infections in the CNS.
Nancy Madinger	Associate Professor	Infectious Diseases	Clinical		clinical microbiology-new tests, interpretation of existing tests, susceptibility studies, etc.
Cara Wilson	Professor	Infectious Diseases	Translational		Immunopathogenesis of HIV with focus on gut-related inflammation