Division of Infectious Diseases
Faculty Recruitment Seminar

Jesse Waggoner, MD
Instructor
Stanford University

Friday, January 29, 2016
Genome and Biomedical Sciences Facility, Auditorium-Room 1005
12:10 – 1:00 pm

“Once Bitten: Detecting the World’s Most Common Vector-Borne Pathogens”

Research work: The focus of my research has been the development, evaluation, and implementation of new diagnostic tests for pathogens of significance in global health, including dengue, chikungunya, Zika, O’nyong-nyong, West Nile and hepatitis C viruses; Leptospira; and Plasmodium species. These diagnostics are expected to improve clinical care and refine our understanding of specific diseases by improving case detection. My current projects build upon this research to 1) understand how dengue virus viremia influences the development of severe disease and the immune response to dengue; 2) characterize the causes of undifferentiated febrile illness; 3) improve Leptospira detection and epidemiologic surveillance; and 4) develop and evaluate near-care and point-of-care assays for pathogens that cause an acute, undifferentiated febrile illness in the tropics.

Selected Publications:


Please contact Jay Solnick for additional information at jvsolnick@ucdavis.edu: 530.752.1333