7th Annual Global Health & Infectious Disease Trainee Oral Symposium

March 21, 2019 | Eric P. Newman Education Center
Check-in: 11:45 am | Presentations: 12:25 - 5:15pm
RSVP requested: 2019ghidc.eventbrite.com | Walk-ins welcome

Symposium Moderators: Haina Shin, PhD, Dept. of Medicine and Shibali Das, PhD, Dept. of Molecular Microbiology

12:25 pm Disclosure of HIV Status to Children Living with HIV in Uganda – Process, Understanding, and Ethics
Colleen Walsh Lang, MA, Department of Medicine and Anthropology, Washington University

12:40 pm Prevalence of Schistosomiasis Infections Among School-Aged Children in Namwera Region, Mangochi District
Elaine Parker, MBBS, MSc, DTMH, Department of Obstetrics and Gynecology, Washington University

12:55 pm The Molecular Signature of False-Positive Rapid Diagnostic Test Results for Lymphatic Filariasis (LF): Implications for Renewing LF Elimination Efforts in Central Africa
Marla Hertz, PhD, Department of Molecular Microbiology, Washington University

1:10 pm Rifampicin Resistance Conferring Mutations in Mycobacterium tuberculosis Modulate Host Macrophage Metabolism Through Cell Wall Lipid Changes
Nicole Howard, BS, Department of Molecular Microbiology, Washington University

1:40 pm S100A8/A9 During Chronic Tuberculosis Promotes Pathogenesis by Regulating Neutrophil Accumulation
Ninecia Scott, Department of Molecular Microbiology, Washington University

1:55 pm Toxoplasma gondii Effector TgIST Blocks Type I Interferon Signaling to Promote Infection
Sumit Kumar, PhD, Department of Molecular Microbiology, Washington University

2:10 pm Potential Missed Opportunities for Diagnosis of Cryptococcal Disease Are Common in a Large Retrospective Cohort of Hospitalized Patients
Ana S. Salazar, MD, MPHS, Department of Surgery, Washington University

2:25 pm Global Variation of HPV Subtypes and the Current Status of the HPV Vaccination
Abigail Zamorano, MD, Department of Obstetrics and Gynecology, Washington University

2:40 pm Panel on Careers in Global Health
Ericka Hayes, MD, Sebila Kutluay, PhD, Washington University; John Santelli, MD, MPH, FAAP, FASHA, Columbia University Robert Schooley, MD, University of California, San Diego
Moderators: Rita Chen, MSTP student & Wayne Warner, PhD student, Washington University

3:45 pm Keynote Address: Ending AIDS: No Vaccine - No Problem
Robert Schooley, MD Professor of Medicine, Division of Infectious Diseases, Vice Chair, Department of Medicine, Senior Director, International Initiatives, University of California, San Diego

4:30 pm Poster Presentations and Networking
Juan Calix, MD, PhD, Shibali Das, PhD, Micah Dunlap, BSc, Philip Frasse, Washington University; Marissa Rasgado, Depaul University
Poster Presentations

1. **Variation of Acinetobacter baumannii Multidrug Resistance Rates Results from Seasonal Changes in the Prevalence of Antibiotic-Susceptible Isolates.**
   Mario Feldman and **Juan Calix**, Department of Medicine, Washington University in St. Louis

2. **Mucosal Cytokine Producing T Cells Mediate Vaccine Induced Sterilizing Immunity**
   Shibali Das, Nancy Marin-Agudelo, Mushtaq Ahmed, Javier Rangel Moreno, Bruce Rosa, Makedonka Mitreva, and Shabaana Khader, Department of Molecular Microbiology, Washington University in St. Louis

3. **A Novel Role for C–C motif Chemokine Receptor 2 During Infection with Hypervirulent Mycobacterium tuberculosis**
   Micah Dunlap, Nicole Howard, Shibali Das, Ninecia Scott, Mushtaq Ahmed, Oliver Prince, Javier Rangel-Moreno, Bruce Rosa, John Martin, Makedonka Mitreva, Ki-Wook Kim, Gwendalyn Randolph, Shabaana Khader, Department of Immunology, Washington University in St. Louis

4. **Probing the Regulation of Targetable Metabolic Pathways in Malaria Parasites**
   Philip Frasse, Department of Pediatrics, Washington University in St. Louis

5. **Commercial Sex Work and HIV Stigma in Uganda**
   Marissa Rasgado¹, Shanti Parikh², Nick Murira, Ruth Nakaima, Ritah Namutamba, ¹Department of Health Science, DePaul University, Chicago IL, ²Washington University