EMORY UNIVERSITY

MP3 Initiative *(From Molecules and Pathogens to Populations and Pandemics)*
IDASTP *(Infectious Disease Across Scales Training Program)*

Infectious Disease Across Scales Symposium 2019

September 19, 2019, 1:30 – 5:30 PM, Whitehead Auditorium G01

Agenda

1:30 – 1:40 PM	*Welcome* **Jacobus de Roode, PhD** Director, Infectious Disease Across Scales Training Program Co-Director, MP3 Initiative Professor, Biology Department Emory University
1:40 – 2:15 PM	*Immune trade-offs shape disease outcomes at individual and population scales.* **Vanessa Ezenwa, PhD** Professor, Odum School of Ecology & Dept. of Infectious Diseases, College of Veterinary Medicine University of Georgia
2:15 – 2:50 PM	*Rubella dynamics and control: across scales and generations.* **C. Jessica Metcalf, PhD** Assistant Professor of Ecology, Evolutionary Biology & Public Affairs Princeton University
2:50 – 3:10 PM	*Energetics, ecology, and epidemiology of schistosome dynamics and control.* **David Civitello, PhD** Assistant Professor, Department of Biology Emory University
3:10 – 3:20 PM	Break
3:20 – 3:40 PM	*Cellular immunity in individuals with Mycobacterium tuberculosis and HIV infection* **Cheryl Day, PhD** Associate Professor, Department of Microbiology & Immunology, Emory Vaccine Center, Emory University School of Medicine
3:40 – 4:00 PM	*Zoonotic surveillance for plague via point processes in geographic and principal components space.* **Lance Waller, PhD** Professor, Department of Biostatistics and Bioinformatics, Rollins School of Public Health, Emory University
4:00 – 4:20 PM	*From individuals to communities: investigating body size as a driver of schistosome dynamics.* **Kelsey Shaw, DVM.** PBEE PhD Candidate in the Civitello lab Biology Department, Emory University
4:20 – 4:30 PM	*Closing remarks & MP3 LOI announcement* **Guido Silvestri, MD** Co-Director, MP3 Initiative Professor & Interim Chair, Department of Pathology and Laboratory Medicine, Emory University School of Medicine Chief, Division of Microbiology & Immunology, Yerkes National Primate Research Center
4:30 – 5:30 PM	*Reception and networking*