**AGENDA**

**March 30, 2021 12 PM – 4 PM**

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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| 12:00 – 12:20 PM | Welcome  
Jacobs de Roode, PhD  
Director, Infectious Disease Across Scales Training Program  
Co-Director, MP3 Initiative  
Professor, Biology Department, Emory University |
| 12:20 - 1:00 PM | Global change and the ecology of vector-borne disease.  
Erin Mordecai, PhD – Keynote Speaker  
Assistant Professor of Biology, Center Fellow, by courtesy, the Woods Institute For The Environment  
Stanford University |
| 1:00 - 1:40 PM | Exosomes and Immune/Inflammatory Micro-environments: HIV Pathogenesis Case Study.  
Vincent Bond, PhD – Keynote Speaker  
Professor and Chair of Microbiology, Biochemistry, and Immunology; Principal Investigator, Research Centers in Minority Institutions (RCMI);  
Morehouse School of Medicine |
| 1:40 - 1:45 PM | Break |
| 1:45 - 2:05 PM | Resolving type-specific flavivirus antibody responses to understand how viral variants move in people and populations.  
Matthew Collins, MD, PhD – MP3 Seed Grant Awardee  
Assistant Professor, Infectious Disease, Department of Medicine, School of Medicine, Emory University |
| 2:05 - 2:25 PM | SARS-CoV-2 pathogenesis, immune responses, and treatment: from macaques to humans.  
Mirko Paiardini, PhD – MP3 COVID-19 Awardee  
Associate Professor, Department of Medicine: Infectious Diseases and Department of Pathology and Laboratory Medicine, Researcher, Yerkes National Primate Institute Research Center and Emory Vaccine Center, Emory University |
| 2:30 - 2:50 PM | Identification of recombinant SARS-CoV-2 genomes.  
Dave VanInsberghe, PhD – MP3 COVID-19 Awardee  
Postdoctoral Scholar, Department of Pathology and Laboratory Medicine  
School of Medicine, Emory University |
| 2:55 - 3:00 PM | Break |
| 3:00 - 3:20 PM | Utilizing gene therapy for HIV prevention and cure.  
Matthew Gardner, PhD – MP3 Faculty Startup Awardee  
Assistant Professor, Department of Medicine: Infectious Diseases and Department of Pathology and Laboratory Medicine, Researcher, Yerkes National Primate Institute Research Center and Emory Vaccine Center, Emory University |
Masa Hirano, PhD – MP3 COVID-19 Awardee  
Assistant Professor, Department of Pathology and Laboratory Medicine, School of Medicine, Emory University |
| 3:40 - 4:00 PM | Pediatric norovirus vaccination: modeling population-level effects of individual-level immunity.  
Elizabeth Sajewski – IDASTP Trainee  
Environmental Health Science, Lopman Lab, Emory University |
| 4:00 PM | Closing remarks  
Jacobs de Roode, PhD |

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National Institute of Allergy and Infectious Diseases
IDASTP Career Panel 2021

Exploring the career pathways in the field of infectious disease across scales research

March 30, 2021      4:30 PM – 5:30 PM via Zoom

Vincent Bond, PhD
Professor and Chair of Microbiology, Biochemistry and Immunology; Principal Investigator, Research Centers in Minority (RCMI); Morehouse School of Medicine

Research: HIV pathogenesis leading to AIDS: from supercomputer modeling to monkey studies and translational immunology in humans.

Erin Mordecai, PhD
Stanford University
Assistant Professor of Biology, Center Fellow, by courtesy, at The Woods Institute For The Environment

Research: Infectious disease dynamics in humans and natural ecosystems: from lab experiments to mathematics and climate modeling.

Elizabeth Sajewski
Emory University
PhD Candidate
Environmental Health Sciences
Lopman Lab

Research: Modeling pathogens and public health interventions: from the environment and exposure risk to mathematical models of disease transmission.

Sandra Mendiola
Emory University
PhD Candidate
Population Biology, Ecology & Evolution
Gerardo & Civitello Labs

Research: Methods for vector-borne disease control: from laboratory investigation to modeling effectiveness in the field.

Register Online and submit panel questions HERE