MIDAS 2022 Program: VIRTUAL Meeting

(Zoom links will be available later via the Ex Ordo online program)

DATE: Friday September 23, 2022

Time - EDT	**Activity**	
11 – 11:30 am	**Welcome, MIDAS updates (Harry Hochheiser and NIGMS)**	
11:30 am – Noon Parallel sessions (20min + Q&A)	**Scientific Session A1 – Laura Matrajt, Fred Hutchinson Cancer Center** *Could widespread use of antiviral treatment curb the COVID-19 pandemic? A modeling study.*	**Scientific Session B1 – John Aronis, University of Pittsburgh** *A Bayesian System to Detect and Track Multiple Diseases from Electronic Medical Records*
Noon – 12:30 pm Parallel sessions (20min + Q&A)	**Scientific Session A2 – Tenglong Li, Xi'an Jiaotong-Liverpool University** *The integrated approach of learning Mycobacterium tuberculosis transmission within and outside households via random directed graph models*	**Scientific Session B2 - Preeti Dubey, Texas A&M University** *COVID-19 risk assessment among residents of prisons, staff and community: in California*
12:30 – 1 pm	***Lunch break***	
1 – 1:45pm	**Lightning Talks (LT) and Scientific Session C** **LT 1: Martial Ndeffo, Texas A&M University** *Using test positivity and reported case rates to estimate COVID-19 prevalence and seroprevalence* **LT 2: Keisuke Ejima, Indiana University** *Designing isolation guidelines for COVID-19 patients with rapid antigen tests* **Scientific Session C: Debra Van Egeren, Weill Cornell Medical College** *Vaccine-centric COVID-19 control strategies encourage continued viral evolution*	

1:45 – 2 pm	*break*	
2 – 2:30 pm Parallel sessions (20min + Q&A)	**Scientific Sessions D1 – Chaelin Kim, International Vaccine Institute** *Global and regional burden of attributable and associated bacterial antimicrobial resistance avertable by vaccination: modelling study*	**Scientific Sessions E1 – Li Shandross, University of Massachusetts-Amherst** *Forecasting COVID-19 Incident Hospitalizations with Temporal Hierarchies*
2:30 – 3 pm Parallel sessions (20min + Q&A)	**Scientific Sessions D2 – Mugdha Thakur, University of Virginia Biocomplexity Institute** *Cost benefit analysis of different intervention strategies to prevent Measles outbreak post Covid-19*	**Scientific Sessions E2 - James Turtle, Predictive Science Inc.** *Climate Metrics as Indicators to Influenza Seasonality*
3 – 3:30 pm	*break*	
3:30 – 5:00 pm	**Panel Discussion – Reflections on COVID-19** **Moderator:** **Panelists:** **Michael Johansson, CDC** **Julia Raifman, Boston University** **Angela Rasmussen, University of Saskatchewan** **Jeff Shaman, Columbia University**	