



Webinar Agenda: Using Collaboration to Accelerate Solutions in COVID-19 Response

As of 6/29/2020 and subject to change

Wednesday, July 1, 2020 12 to 1 p.m. EDT	
12:00 – 12:05 PM	<p>Welcome and Introductions <i>Liv Blackmon, MITRE</i></p>
12:05 – 12:20 PM	<p>Return to University <i>Andreas Tolk, MITRE; Wesley J. Wildman, Boston University; Saikou Y. Diallo, Old Dominion, Virginia Modeling, Analysis & Simulation Center</i></p> <p>To help universities make decisions about returning to campus, a diverse modeling and simulation team has been working to understand the difference between data-driven forecasts and knowledge-driven prognoses, recognizing the need for artificial societies to account for scenario-specific characteristics in COVID-19 research.</p> <p>Using The Artificial University (TAU) model supports multi-value decision making on reopening our universities. The model includes social and physical models that can be adapted to represent real-world universities and allow to evaluate several options for onsite students, class schedules, proportion of online via in-class instructions, use of dorms, and other regulations.</p>
12:20 – 12:35 PM	<p>COVID Supply Chain <i>Taylor Wilkerson, MITRE</i></p> <p>The medical supply chain—for Personal Protective Equipment, testing, and ventilators—has played a large role in the fight against COVID-19. New tools can help health systems and governments determine if they have enough supplies for the next surge.</p>
12:35 – 12:50 PM	<p>Tracking COVID-19 through wastewater surveillance <i>Kunal Rambhia, MITRE; Charles Gerba, University of Arizona</i></p> <p>Since the early start of the COVID-19 outbreak, sewage epidemiology has been seen as a potential way of tracing the progress of the epidemic through entire communities. To realize its full potential, optimization of methods for quantification of the virus in sewage and interpretation of the data is needed, as well as, training of a workforce for its successful application.</p>
12:50 – 1 PM	<p>Q&A and Closing Comments <i>Sandy Mau, UIDP</i></p>