## BUET ACM CHAPTER presents Modeling COVID-19 in Colorado

## Speaker: Katie Colborn Assistant Professor, University of Colorado Anschutz Medical Campus



Dr. Katie Colborn, PhD, MSPH, is an Assistant Professor in the Department of Surgery and is Research Director of the Surgical Outcomes and Applied Research (SOAR) Program in the Department of Surgery at the University of Colorado Anschutz Medical Campus. She also holds a secondary appointment in the Department of Biostatistics and Informatics in the Colorado School of Public Health. In her role as SOAR co-director, she collaborates with investigators conducting surgical outcomes and health services research and mentors surgical faculty, residents and other graduate students. Her recent research focuses on development and validation of statistical methodologies for clinical prediction models, applications of methods for modeling high-dimensional data, and infectious diseases. These lines of inquiry typically involve machine learning and high dimensional model selection. She has received intramural and extramural funding for her research and has collaborated on numerous extramural research grants.

Abstract

In this webinar, Dr. Colborn will present the mathematical model developed by the team at the University of Colorado that is being used as a decision-aid by the Colorado Department of Public Health and Environment and Colorado Governor Jared Polis. She will also discuss tradeoffs to alternative modeling approaches.

When: Wednesday, 16<sup>th</sup> September, 2020 (8:00 PM) Where: Online. Zoom Meeting ID: 660 8767 3043, Password: 830286 Organized by BUET ACM Chapter, Dept. of CSE, BUET.