

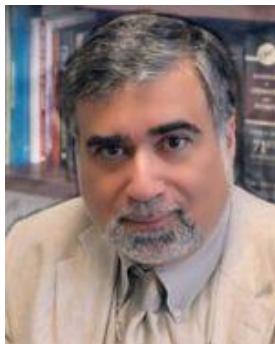


**NJ ACTS Special Populations Core  
2021 Webinar Series Invitation:**

**DATE: Tuesday, February 16, 2021**

**TIME: 1:00pm to 2:30pm EST**

**Modeling COVID-19 Dynamics and Patterns Across New Jersey:  
Assessing Effects of Heterogeneities, Exposure Controls and Social  
and Environmental Factors**



**Presented By: Professor Panos G. Georgopoulos, PhD**

COVID-19 has created an unprecedented global public health crisis. Prior exposures to chemical, biological, and psychosocial stressors affect susceptibilities to the disease; data show that outcomes are strongly correlated with individual-level risk factors, such as age, sex and medical history, as well as with multiple, spatially heterogeneous, demographic, environmental and socioeconomic factors. Rutgers School of Public Health Professor Panos Georgopoulos describes a computational framework that combines stochastic epidemic modeling with data science approaches to evaluate factors influencing disease spread and characterizes spatiotemporal patterns and risks of COVID-19 that remain important as vaccination efforts are being implemented.

**Seminar Link:** <https://go.rutgers.edu/f4pih8ku>



**New Jersey Alliance for Clinical and Translational Science**  
<http://njacts.rbhs.rutgers.edu>

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