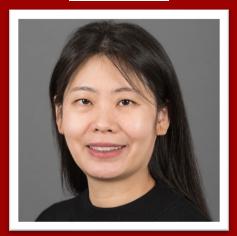**RUTGERS**
BIOMEDICAL AND
HEALTH SCIENCES

NJ acts

Join us for the NJ Acts Biostatistics and Epidemiology Workshop Series:

Friday, May 12, 2023 1:00pm – 2:00pm

An Introduction to AI Techniques for Forecasting Epidemic Dynamics

This workshop covers the state-of-the-art for epidemic forecasting. It starts with a formal definition of an epidemic process and details the different aspects of disease spread dynamics. The problem of spatiotemporal epidemic forecasting is then formulated, and the central challenges are outlined. Subsequently, it covers major methodologies for epidemic forecasting including theory-based mechanistic methods and data-driven methods. Then a range of methods that have been developed will be described and the experience of our team will be discussed.

Presenter:

Lijing Wang, PhD
Assistant Professor, Data Science at NJIT

Target Audience:

Those interested in Artificial Intelligence (AI), Machine Learning (ML), Deep Learning (DL), and epidemiology.

Please click the link or scan the QR code to register
Reach out to natale.mazzaferro@rutgers.edu with any questions