

Guest Speaker

Mark Yedlin

**Director of Simulation Modeling
Greenman-Pederson, Inc. (GPI) in New York**



Friday Feb 16, 2018

12:00-1:30 pm

School of Business #Room 232

GPI

Topic: Transportation and Technology

Mark Yedlin will discuss a project a few miles north of NJCU campus to mitigate the effects of construction on the NJ-495 viaduct over Paterson Plank Road. A combination of lanes and ramps will be closed soon for 30 months. Greenman-Pederson Inc. (GPI) is using a variety of state-of-the-art computer models for travel demand forecasts, dynamic traffic assignment and traffic simulation to develop and test plans to minimize construction related traffic delays through the area. The presentation will include both 2-D and 3-D animation sequences of expected traffic operations during construction as simulated by PTV's Vissim model. The presentation will indicate how these models are used to address the various concerns of the numerous municipal stakeholders.

After this presentation, Mark will enable participants to take a “Virtual Reality” (VR) bike ride across the George Washington Bridge. This is an immersive interactive 360 degree visualization presented on a VR headset.