

Wednesday, January 23rd, 2019
12:00 PM to 1:30 PM
Lewis Hall – RGL 101

RSVP: Adyl Abdykali
at abdykali@usc.edu

Innovation on Job Accessibility with General Transit Feed Specification (GTFS) Data

Gary Painter & Madison Swayne



This presentation analyzes job access in LA County via public transportation based on a travel time, via transit, to jobs. We use open source General Transit Feed System (GTFS) data to model the transit network and interface with a variety of computing tools including JavaScript, ArcPy for ArcGIS and statistical packages to measure the number of jobs accessible from these tracts, leveraging data to allow us to simulate job access with different transit investments



Gary Painter is a Professor in the Sol Price School of Public Policy at USC. He also serves as the Director of the Sol Price Center for Social Innovation. Professor Painter's research interests focuses on social innovation, housing, urban economics, and education policy.

Madison Swayne is a Ph.D. candidate in the Urban Planning and Development Program at the Price School of Public Policy. Madi has developed new methods for measuring transit access using online, open source data, and computer coding for automated data collection.

Lunch will be served