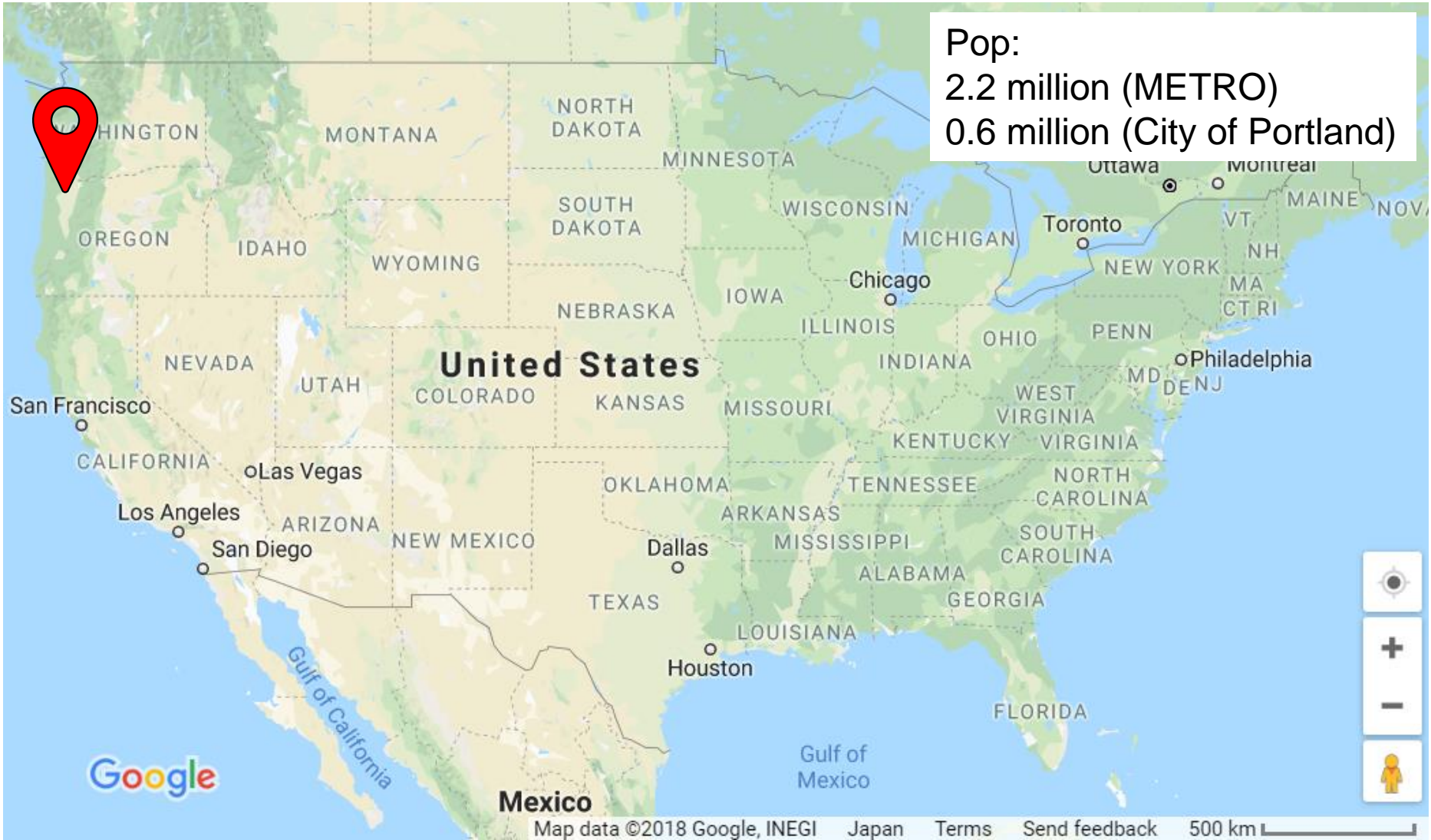


Transportation Research and Education Center at Portland State University

Jul 27th, 2018

Gen HAYAUCHI







Friday Seminar @ YNU, Gen HAYAUCHI, Jul
27th 2018





Friday Seminar @ YNU, Gen HAYAUCHI, Jul 27th 2018

DOT invests in the future of transportation through its UTC Program, which awards and administers grants to consortia of colleges and universities across the United States. The UTC Program advances the state-of-the-art in transportation research and technology, and develops the next generation of transportation professionals.

<https://www.transportation.gov/utc>

National University Transportation Center For Improving Mobility

Lead Univ. Carnegie Mellon University

National Institute for Transportation and Communities

Lead Univ. Portland State University

National Center for Sustainable Transportation

Lead Univ. University of California, Davis

Collaborative Sciences Center for Road Safety

Lead Univ. University of North Carolina at Chapel Hill

Safety Through Disruption (Safe-D) National UTC

Lead Univ. Virginia Polytechnic Institute and State University














Research Priority: Improving Mobility of People and Goods

- Increase access to opportunities
- Improve multi-modal planning & shared use of infrastructure
- Advance innovation & smart cities
- Develop data, models & tools



Maseeh College of Engineering & Computer Science

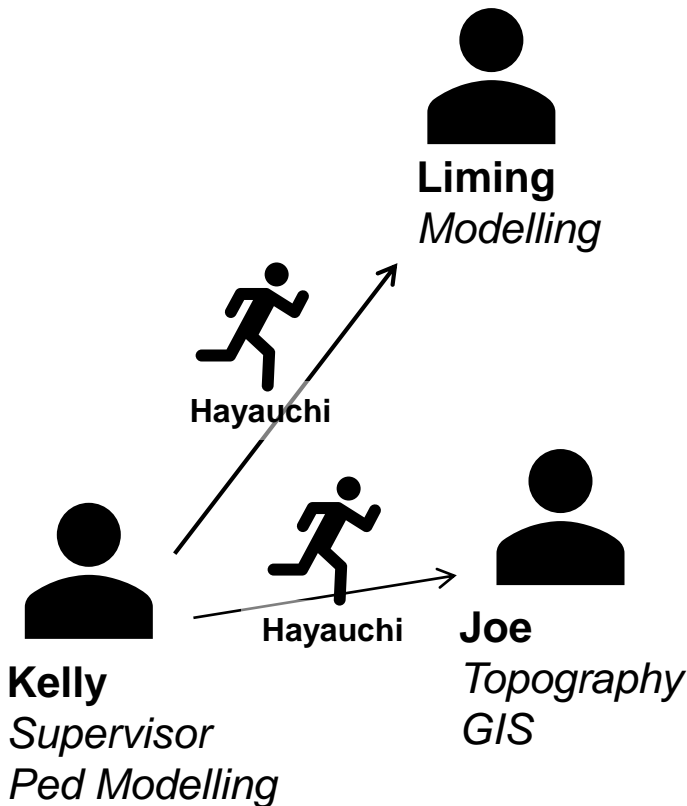
College of Urban & Public Affairs

-  • Prof. Kelly Clifton ... Ped Modelling etc.
-  • Prof. Jennifer Dill ... TOD, Data Collection etc.
-  • Prof. Miguel Figliozzi ... Logistics, Optimization Model etc.
-  • Prof. Aaron Golub ... Equity etc.
-  • Dr. Jenny Liu ... Social Media & Transit etc.
-  • Dr. Christopher Monsere ... Traffic Safety, Bike Lanes etc.
-  • Dr. Avi Unnikrishnan ... Uncertainty etc.
-  • Dr. Liming Wang ... Travel Demand Modeling etc.
-  • Dr. Nathan McNeil ... Bike share system, Data Collection etc.
-  • Dr. Sirisha Kothuri ... Bicycle safety etc.
-  • Dr. Joseph Broach ... GIS, Travel Behavior, Built Environment

 Who especially supported Hayauchi /  Who gave Hayauchi time for meeting



- Experts of each field
- Accessibility to their works



TREC
 TRANSPORTATION RESEARCH and EDUCATION CENTER
 Portland State University

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RESEARCH
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Revisiting TODs: How Subsequent Development Affects the Travel Behavior of Residents in Existing Transit-Oriented Developments
Principal Investigator: Nathan McNeil Co-Investigator: Jennifer Dill
 Portland State University has worked with the Portland Metro regional government periodically since 2005 to survey occupants of buildings for which developers had received funding from Metro's Transit-Oriented Development (TOD) Program. The TOD pro ... [Read More](#)


Access to Opportunities: Redefining Planning Methods and Measures for Disadvantaged Populations
Principal Investigator: Arlie Adkins Co-Investigator: Stephen Mattingly
 This project will be made up of two separate studies that together will investigate areas where transportation planning and engineering can better serve disadvantaged and underserved communities. An interdisciplinary team of planning and public health ... [Read More](#)

Bicycle Planning GIS Tool
Principal Investigator: Joseph Broach
 Although currently only about one percent of US trips are done by bicycle, there is significant

<https://trec.pdx.edu/research/projects/search?subject=Built%2BEnvironment%2Band%2BDesign>

- Independently working laboratories?





Thank you for your kind attention.