

**Huijun Tan** | Cell: +1(314) 852-6974 | Email: [huijun.tan@pdx.edu](mailto:huijun.tan@pdx.edu)



## **Education**

PhD of Urban Study                      Portland State University, OR (Sept 2016 – Present)  
*Transportation Planning & Equity; Community Development*

Master of Social Work                  Washington University in St. Louis, MO (Aug 2013 – May 2015)  
*Social Economic Development & Community Development*

B.S in English                              Harbin Normal University, Heilongjiang, China (Aug 2009 – Jun 2013)

## **Core Skills**

Computer Skills: R Studio, GIS, SPSS and Microsoft Word, Excel, Publication

Language: Proficient in English, Mandarin, and Cantonese

## **Research Publications, Projects & Honor**

**Tan H, McNeil N, MacArthur J, Rodgers K.** Evaluation of a Transportation Incentive Program for Affordable Housing Residents. *Transportation Research Record*. March 2021.

### **National Science Foundation Planning Grant, Urbanism Next, Jan 2020**

*Multilevel Impacts of Emerging Technologies on City Form and Development* (Chapter contributor)

### **ACSP—Association of Collegiate Schools of Planning, Oct 2017**

Poster section: *Moving with the transit pass: the effect of transit pass ownership on travel in Portland, Oregon*

### **National Institute of Transportation and Communities Granted Research Projects**

*New mobility for all: Can targeted information and incentive help underserved communities realize the potential of emerging mobility options?* (Research Assistant, Jan 2020 – Aug 2020)

*The effects of walk crossing facilities on safety: Comparative studies in Portland and North Carolina.*

(Research Assistant, Jul 2019 – Sept 2019)

*Revisiting TODs: How subsequent development affects the travel behavior of resident in existing transit-oriented developments.* (Research Assistant, Sept 2018 – Jun 2019)

*Understanding the transit-dependent population.* (Research Assistant, Apr – Aug 2017)

### **Washington University in St. Louis, May 2015**

Excellence in Social Work Research Award: *Improving Math Efficacy Insights from Group Model Building* (coauthor)

## **Work & Internship Experience**

### **Transportation Research and Education Center at PSU | Research Assistant | Jan 2017 – Dec 2020**

- Applied SPSS to conduct data cleaning, management and operation
- Conducted data analysis on (transit-dependents') travel behaviors with multiple datasets from different cities
- Collected neighborhood demographics, transportation and land use (spatial) data from GIS
- Conducted phone interviews with affordable housing residents for the Transportation Wallet research project
- Conducted intercept survey and video coding for crosswalk facility and safety research
- Organized references and wrote literature review for papers
- Wrote progress reports and prepared results for publication and dissemination via journals and presentations

### **Urbanism Next at University of Oregon | Research Intern | Jun 2018 – Sept 2018**

- Compiled research on the impacts of emerging technologies on land use, urban design, real estate, and transportation to develop the research framework
- Coordinated workshops for cities, private sector and non-profit organizations to develop strategic plans and policies for new mobility and autonomy vehicle

- Participated in and assisted with monthly meetings with research subcommittees for a National Science Foundation (NSF) Planning Grant
- Worked with the Program Manager and Program Coordinator to develop and implement communications and outreach strategies, such as writing articles, blog posts
- Assisted in writing chapters for white papers about automated vehicle's impact on planning

#### **City of University City, St. Louis, MO | Planning Intern | May 2015 – Aug 2016**

- Used GIS to map out vacant parcels and to indicate whether they are developable and what kinds of potential development they have according to zoning codes
- Developed strategies and resources to redevelop vacant buildings and parcels for U-City
- Created a new database for vacant buildings and properties
- Identified reasons for vacant properties concentrated in Northeastern Neighborhood and proposed reuse strategies for vacant properties to achieve neighborhood revitalization

#### **Better Family Life, St. Louis, MO | Intern of Community Revitalization Program | Jul 2014 – May 2015**

- Collaborated with community stakeholders in the process of community capacity building
- Cooperated with bankers, farming expertise and urban designers to develop a strategic plan for redeveloping economy, infrastructure and employment environment
- Built an ecosystem model to help low-income families establish small businesses through technical assistance, capital building, and one-on-one consulting
- Built clients centralized data system and referral system for the whole organization
- Merged individual departmental data systems into a main system to enhance the capacity of integrated services.
- Analyzed data, built queries and interpreted data to process program evaluation

#### **Community Action Agency of St. Louis County, St. Louis, MO | Regional Liaison | Jan – Jul 2014**

- Facilitated and developed partnerships to expand the healthcare enrollment for individuals and families
- Utilized marketing skills in outreach among minority communities to raise healthcare enrollment awareness
- Collected and analyzed data from all the case managers in the agency about their counseling section with clients and their enrollment, education, and awareness activities to evaluate their efforts of enrollment
- Assisted the Project Coordinator with report requirements to the Missouri Foundation for Health (MFH) and coordinated with the Contract Compliance Director to use a risk assessment model applied to the project

### **Projects Experience**

#### **HOSCO Food | May 2015 – Dec 2016**

- Conducted analysis of new or enhanced food products and food system in low-income communities, especially in the food desert area
- Conducted literature review in vacant land development for urban farms and community gardens to increase the local food production and involved community people in discussing the usage of vacant land
- Worked with suppliers to conduct root cause analysis to understand undesirable product characteristics and the impacts of the final product or process performance
- Organized and coordinated the training program for TANF recipients to receive farming skills from a nonprofit organization and St. Louis University and placed them into workplace

#### **Lively City: Behavioral Studies & Public Space Design in Berlin, Germany | Mar 2015 - May 2015**

- Proposed a public space plan for the O<sup>2</sup> world surroundings and the Berlin Wall historic site
- Designed a semi-circle lane enhancing the symmetry of O<sup>2</sup> World building and connecting with public space
- Conducted public life survey in 14 stations along the Berlin Wall and analyzed the feedbacks from interviewees
- Took series of photographs of people's behaviors at each station, collected data to analyze human behaviors in public space, and built time-lapsed photography of the site
- Explored cost-effective and cultural-sensitive solutions to improve the integration of urban assets