School of the Environment
The University of Queensland
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EMPLOYMENT

Postdoctoral Research Fellow
School of Earth and Environmental Sciences, the University of Queensland   2022 – present

EDUCATION

Ph.D., Urban and Regional Planning and Design,
The University of Maryland, College Park (UMD)   2016 – 2021
Dissertation title: *Planning towards an equitable sharing economy: On housing, on transportation, on policymaking*

M.S., Economics, the University of Oregon   2013 – 2015

B.A., Finance, Beijing Language and Culture University   2009 – 2013

PEER-REVIEWED PUBLICATIONS

1. Wilson, T., **Zou, Z**., Sigler, T. (2022). Were there really 1 million unoccupied dwellings in Australia on census night 2021? *Australian Population Studies*, 6(2), 14-26. https://doi.org/10.37970/aps.v6i2.106

2. **Zou, Z.**, Cirillo, C. (2021). Does Ridesourcing Impact Driving Decisions: A Survey Weighted Regression Analysis. *Transportation Research Part A*, 146, 1-12. https://doi.org/10.1016/j.tra.2021.02.006

3. Peng, B., Erdoğan, S., Nasri, A. A., & **Zou, Z.** (2021). Towards a health-conscious transportation planning: a framework for estimating health impacts of active transportation at local level. *Journal of Transport & Health*, 22. https://doi.org/10.1016/j.jth.2021.101231

4. Bas, J., **Zou, Z** & Cirillo, C. (2021). An interpretable machine learning approach to understanding the impacts of attitudinal and ridesourcing factors on electric vehicle adoption, *Transportation Letters*: *The International Journal of Transportation Research* https://doi.org/10.1080/19427867.2021.2009098

5. **Zou, Z.** (2020). Examining the impact of short-term rentals on housing prices in Washington, D.C.: implications for housing policy and equity. *Housing Policy Debate*, 30(2), 269–290.

6. **Zou, Z.**, Younes, H., Erdoğan, S., & Wu, J. (2020). Exploratory analysis of real-time e-scooter trip data in Washington, D.C. *Transportation Research Record*, 2674(8), 285–299.

7. Younes, H., **Zou, Z.**, Wu, J., & Baiocchi, G. (2020). Comparing the temporal determinants of dockless scooter-share and station-based bike-share in Washington, D.C. *Transportation Research Part A*, 134, 308–320.

8. He, P., **Zou, Z.**, Zhang, Y., & Baiocchi, G. (2020). Boosting the eco-friendly sharing economy: the effect of gasoline prices on bikeshare ridership in three U.S. metropolises. *Environmental Research Letters*, (20200924). https://doi.org/10.1088/1748-9326/abbb52.

9. Lewis, R., Parker, R., **Zou, Z.**, Hovekamp, W., Mcgowen, M., & Sherrard, R. (2018). Voter-approved annexations in an urban growth boundary regime: the impacts on housing values, density, and economic

equity. *Growth and Change*, 49(2), 286–313.

CONFERENCE PROCEEDINGS & BOOK CHAPTERS

Zou., Z. (2023). Shared micro-mobility: A panacea or a patch to our urban transport? *In: Goodspeed, R., Sengupta, R., Kyttä, M., Pettit, C. (eds) Intelligence for Future Cities. CUPUM 2023. The Urban Book Series. Springer, Cham.* https://doi.org/10.1007/978-3-031-31746-0_6.

Zou, Z., Shokputov, A., & Erdoğan, S. (2022). Commuting Trends During the COVID-19 Pandemic: Evidence from Maryland. *Transportation Research Board 101st Annual Conference*, Paper No. TRBAM-22-03464.

Hong, L., Wu, J., & **Zou, Z.** (2020). Spatial Accessibility and Equity of Public Libraries in Urban Settings. *International Conference on Information: iConference 2020. Lecture Notes in Computer Science*, Vol. 12051, 555-563.

TEACHING EXPERIENCE

The University of Queensland   2022 – Present
Course coordinator (2022 & 2023: GEOG3000, Regional Economic Development Planning; GEOG2001, Digital Geography)
Guest lecturer (2023: PLAN2005/7116, Transport Planning)

The University of Maryland, College Park   Fall Semester 2018
Course Instructor (URSP688L, Planning Technology, co-teaching with Binbin Peng)
Guest lecture ("Smart Cities & Urban Data Science", in URSP810 and URSP805)
Guest lecture ("The Sharing Economy & Its Equity Implications", in Urban Strategy, Drexel University)

The University of Oregon   2014 – 2015
Teaching fellow (EC411, Honors research projects in the Department of Economics)
Discussion Section Instructor (EC201, Intro to Microeconomics)

SUPERVISION EXPERIENCE

Honour projects (Alexander Hill, Yasmine Campbell), the University of Queensland   2023

RESEARCH EXPERIENCE

The University of Queensland   2022 – 2023
Postdoctoral Research Fellow
- Short-term rental's impact on the Australian economy and housing market
- Co-PI in a tender for the state review of short-term rental accommodation (STRA). (DSDILGP-3597-23, A$100,000)
- Micro-mobility and built environment in Brisbane

National Center for Smart Growth, the University of Maryland, College Park   2016 – 2021
PhD Research Assistant
- Conducted interdisciplinary transportation research projects, including the Purple Line Economic Impact Technical Report (October 2017), the Purple Line's Health Impact Analysis (September 2019), and the Purple Line Multimodality Analysis (FTA-MDOT grant, 2020 – 2021).
- Co-drafted the grant application "UMD Data Challenge: Data Integration and the Community" for the Year of Data Science Grant ($10,000), Office of the Provost, UMD (June 2018)

The University of Oregon   2015 – 2016

Research Assistant, Department of Planning, Public Policy and Management
Graduate Research Assistant, Department of Economics

Peking University, Guanghua School of Management   2012 – 2013
Research Assistant, Department of Applied Economics

PLANNING PRACTICES

The District Department of Transportation (DDOT)   Summer 2017
Summer Research Internship on the Vision Zero Initiative, Policy and Legislative Affairs Division

City of Eugene, OR, Division of Planning and Development   Summer 2016
Research Internship in Economic Development

GRANTS AND FELLOWSHIPS

Early Career Research Small Grant (A$3,348), School of Earth and Environmental Sciences, UQ   2022
Ann G. Wylie Semester Dissertation Fellowship ($15,000), UMD   2020
2nd Place Graduate Research Award ($300), Graduate School, UMD   2019
All S.T.A.R Fellowship ($10,000), UMD   2018
Jacob K. Goldhaber Travel Grant ($500), UMD   2018
Jacob K. Goldhaber Travel Grant ($700), UMD   2016
Dean's Fellowship ($10,000), School of Architecture, Planning and Preservation, UMD   2016
National Scholarship (￥8,000), Chinese Ministry of Education, China   2010

INVITED PRESENTATIONS

"Stand Out. Fit In. A Micro-mobility of Two Cities"
Zhenpeng Zou (speaker), UQ Micromobility and Tourism Symposium, UQ Business School, Brisbane, QLD, December 2022.

CONFERENCE PRESENTATIONS

"Shared Micro-mobility: A Panacea or a Patch for Our Urban Transport Problems?" (Lecture)
Zhenpeng Zou (presenter). The 18th International Conference on Computational Urban Planning and Urban Management (CUPUM) in Montreal, Canada 20-22 June 2023.

"Shared micro-mobility: A transformer of urban transport, tourism, and geography" (Lecture)
Zhenpeng Zou (presenter). New edges of economic geography: An Australian-Pacific Symposium, the Institute of Australian Geographer Economic Geography Study Group, Sydney, NSW, December 2022.

"So you think you can walk: A level of traffic stress framework of evaluating accessibility and multimodality in suburban Maryland" (Lecture)
Zhenpeng Zou (presenter), Rich Kuzmyak. Lilian Murnen, Nick Finio, and Gerrit Knaap. Association of Collegiate Schools of Planning (ACSP) 62nd Annual Conference, Toronto, ON, Canada, November 2022.

"A Tale of Two Australian Cities: Short-term rental's professionalization and housing market impacts" (Poster)
Zhenpeng Zou (presenter), Thomas Sigler, Johnathan Corcoran, and Elin Charles-Edwards. Association of Collegiate Schools of Planning (ACSP) 62nd Annual Conference, Toronto, ON, Canada, November 2022.

"Commuting Trends During the COVID-19 Pandemic: Evidence from Maryland" (Lecture)
Zhenpeng Zou (primary author), Sevgi Erdoğan, and Alibi Shokputov. Transportation Research Board

101st Annual Meeting, Washington, DC, January 2022.

"Sticky travel demand: Examining vehicle travel in two periods during the COVID-19 pandemic" (Lecture)
Zhenpeng Zou (presenter), Rebecca Lewis, and Yizhao Yang. Association of Collegiate Schools of Planning (ACSP) 61st Annual Conference, Online, October 2021.

"An Exploratory Analysis of Real-Time E-Scooter Trip Data in Washington, D.C." (Lecture)
Zhenpeng Zou (presenter), Hannah Younes, Jiahui Wu, and Sevgi Erdoğan. Transportation Research Board 99th Annual Meeting, Washington, DC, January 2020.

"Comparing the Temporal Determinants of Dockless Scooter-Share and Station-Based Bikeshare in Washington, D.C." (Poster)
Hannah Younes, Zhenpeng Zou (co-presenter), Jiahui Wu, and Giovanni Baiocchi. Transportation Research Board 99th Annual Meeting, Washington, DC, January 2020.

"With A Little Help from the Built Environment: Boosting E-scooter Sharing Usage in Minority and Low-Income Neighborhoods in Washington D.C." (Lecture)
Zhenpeng Zou (presenter). Association of Collegiate Schools of Planning (ACSP) 60th Annual Conference, Online, October 2020.

"Move on Scooters: Understand How Social & Built Environments Impact Scooter Share Usage in Washington D.C." (Lecture)
Zhenpeng Zou (presenter), Hannah Younes, Jiahui Wu, and Sevgi Erdoğan. Association of Collegiate Schools of Planning (ACSP) 59th Annual Conference, Greenville, SC, October 2019.

"Data Challenge – A Data Science Approach in Planning Education" (Poster)
Zhenpeng Zou (presenter). Association of Collegiate Schools of Planning (ACSP) 59th Annual Conference, Greenville, SC, October 2019.

"Examine the Ridesourcing Market in the U.S. Using NHTS 2017" (Lecture)
Zhenpeng Zou (presenter) and Sevgi Erdoğan. Association of Collegiate Schools of Planning (ACSP) 58th Annual Conference, Buffalo, NY, October 2018.

"Examining the U.S. Ridesourcing Market Using the 2017 NHTS Data" (Lecture)
Zhenpeng Zou (presenter) and Sevgi Erdoğan. The National Household Travel Survey Workshop, Transportation Research Board (TRB), TRB Circular EC-238 (42), Washington, DC, August 2018.

"Are Neighborhoods for Neighbors? A Hedonic Study of Airbnb's Impact on Property Owners" (Lecture)
Zhenpeng Zou (presenter). Association of Collegiate Schools of Planning (ACSP) 57th Annual Conference, Denver, CO, October 2017.

MEDIA COVERAGE

Contact Magazine (January 2023) *"Why e-scooters are the 'public mobility glue' for urban transport"* *(Online)*

NPR (January 2020) *"Airbnb Has Made Housing More Expensive in Parts of D.C., New Research Finds"* *(Radio & Online).*

DCist (January 2020) *"Airbnb Has Helped Drive Home Prices Up More Than 5 Percent in Some Parts of D.C., Researcher Finds" (Online).*

the DC Post (January 2020) *"Home Prices Go Up in Parts of DC Thanks to Airbnb" (Online)*

UrbanTurf (January 2020) *"New Study Looks at Impact of Airbnb on DC Home Prices" (Online)*

HousingForward Virginia (January 2020) *"Microblog #107: Is AirBnB bad for affordability?" (Online)*

Washingtonian Magazine (August 2020, with Paula Jarrett Nasta, Hannah Cameron, Nohely Alvarez, and Brittany Wong) *"9 Iconic DC Spaces, Completely Reimagined for Social Distancing and the Covid Age" (Featured in the August Issue and Online)*

REFEREE SERVICES

Journals: *Real Estate Economics; Housing Policy Debate; Journal of Urban Planning and Development; Journal of Intelligent Transportation System; Sustainability; Land; Transportation; Travel Behaviour & Society*
Conference Papers: *Transportation Research Board 100th and 101st Annual Meeting (2021, 2022)*

OTHER SERVICES

Co-founder, the Urban and Regional Planning and Design Graduate Student Association, School of Architecture, Planning and Preservation, UMD   2017 – 2020
- Organized bi-weekly PhD seminar series covering a range of research and academic activities.

Dataset Manager, UMD Data Challenge 2020, UMD   2019 – 2020
- Worked with dataset providers from the public sector (U.S. Department of Housing and Urban Development (HUD), Maryland Small Business Development Center, etc.) and private tech sector (Booz Allen Hamilton) on dataset curation and management.
- Facilitated the DC20 event with data help to participants from different academic backgrounds.

SKILLS

Statistics & Programming: R, Stata, SPSS, Tableau
Geospatial skills: ArcGIS, R (spatial analysis)
Language: Mandarin Chinese (native), English (proficient)