

BASAR OZBILEN, Ph.D.

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(Last updated in May 2026)

ACADEMIC APPOINTMENTS

University of California, Davis - Institute of Transportation Studies

Assistant Director of the 3 Revolutions Future Mobility Program

Davis, CA

July 2025 - Present

University of California, Davis - Institute of Transportation Studies

Postdoctoral Researcher in the 3 Revolutions Future Mobility Program

Davis, CA

November 2022 - Present

Mentor: Dr. Giovanni Circella

EDUCATION

The Ohio State University (OSU)

Ph.D. in City and Regional Planning

Columbus, OH

August 2017 – December 2022

Dissertation title: Planning for sustainability with a focus on mobility: Three essays on the operational tools of urban planning

Middle East Technical University (METU)

M.Sc. in City Planning

Ankara, Turkey

September 2013 – June 2016

Middle East Technical University (METU)

B.C.P. in City and Regional Planning

Ankara, Turkey

September 2008 – June 2013

RESEARCH INTERESTS

Transportation Planning, Travel Behavior, Land-Use Planning, Emerging Technologies, Transportation and Health, Urban Data Analytics

PUBLICATIONS

Refereed Journal Articles

(Co-authors who are underlined were undergraduate students I mentored and supervised.)

- Jena, A., **Ozbilen, B.**, Kothawala, A., Wang, K., Lee, Y., Saridakis, C., Wadud, Z., Yang, Y., Grant-Muller, S., Castellanos, S., & Circella, G. (2025) Identifying E-Scooter Rider Profiles in the United States: A Latent Class Cluster Analysis. *Journal of Cycling and Micromobility Research*, 100088. <https://doi.org/10.1016/j.jcmr.2025.100088>.
- Yang, Y., Saridakis, C., Wadud, Z., Kothawala, A., Jena, A., **Ozbilen, B.**, Wang, K., Circella, G., Castellanos, S., & Grant-Muller, S. (2025). Understanding Factors Influencing User Retention in Shared E-scooter Schemes: A Comparative Study of the UK/EU and the US. *Travel Behaviour and Society*, 41, 101067. <https://doi.org/10.1016/j.tbs.2025.101067>
- Sohi, M., Loa, P., **Ozbilen, B.**, Iogansen, X., Lee, Y., & Circella, G. (2025). Examining Complex Impacts of E-shopping and Built Environment Factors on Shopping VMT. *Transportation Research Part D: Transport and Environment*, 139, 104567. <https://doi.org/10.1016/j.trd.2024.104567>

- Kothawala, A., Haddad, A., **Ozbilen, B.**, Circella, G., Saridakis, C., Wadud, Z., Yang, Y., Grant-Muller, S., Castellanos, S., & Bhat, C.R. (2024). Investigating Objective and Subjective Factors Influencing the Frequency and Purpose of E-Scooter Trips. *Transportation Research Record: Journal of the Transportation Research Board*, 2678(10), 367-382. <https://doi.org/10.1177/03611981241233276>
- **Ozbilen, B.** & Akar, G. (2023). Designing pandemic resilient cities: Exploring the impacts of the built environment on infection risk perception and subjective well-being. *Travel Behaviour and Society*, 30, 105-117. <https://doi.org/10.1016/j.tbs.2022.08.013>
- **Ozbilen, B.**, Akar, G., White, K., Dabelko-Schoeny, H., & Cao, Q. (2022). Analysing the Travel Behaviour of Older Adults: What Are the Determinants of Sustainable Mobility? *Ageing and Society*, 44(9), 1964-1992. <https://doi.org/10.1017/S0144686X22001180>
- **Ozbilen, B.**, Slagle, K., & Akar, G. (2021). Perceived risk of infection while traveling during the COVID-19 pandemic: Insights from Columbus, OH. *Transportation Research Interdisciplinary Perspectives*, 10, 100326. <https://doi.org/10.1016/j.trip.2021.100326>
- **Ozbilen, B.**, Wang, K., & Akar, G. (2021). Revisiting the Impacts of Virtual Mobility on Travel Behavior: An Exploration of Daily Travel Time Expenditures. *Transportation Research Part A: Policy and Practice*, 145, 49-62. <https://doi.org/10.1016/j.tra.2021.01.002>
- Dabelko-Schoeny, H., Maleku, A., Cao, Q., White, K., & **Ozbilen, B.** (2021). We want to go, but there are no options: Exploring barriers and facilitators of transportation among diverse older adults. *Journal of Transport and Health*, 20, 100994. <https://doi.org/10.1016/j.jth.2020.100994>
- Wang, K. & **Ozbilen, B.** (2020). Synergistic and threshold effects of telework and residential location choice on travel time allocation. *Sustainable Cities and Society*, 63, 102468. <https://doi.org/10.1016/j.scs.2020.102468>

Book Reviews

- **Ozbilen, B.** & Akar, G. (2020). Review of “Beyond Mobility: Planning Cities for People and Places.” *Journal of Planning Education and Research*, 40(3), 348-349. <https://doi.org/10.1177/0739456X18806980>
- **Ozbilen, B.** (2018). Review of “Order and Disorder: Urban Governance and the Making of Middle Eastern Cities.” *Journal of Planning Literature*, 33(2), 171-172. <https://doi.org/10.1177/0885412218757729>

Under Review

(Co-authors who are underlined were undergraduate students I mentored and supervised.)

- **Ozbilen, B.** & Akar, G. What factors affect e-scooter use and pro-e-scooter attitudes among travelers? Evidence from Columbus, Ohio. *Resubmission after revision.*
- **Ozbilen, B.** & Akar, G. How to measure sustainable development through indicators? Identifying key sustainability indicators for the common ground. *Resubmission after revision.*
- **Ozbilen, B.**, Kyaw, L., Gulhare, S., Iogansen, X., Lee, Y., & Circella, G. Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach. *Resubmission after revision.*
- Iogansen, X., **Ozbilen, B.**, Burger, L., Magdolen, M., Jena, A., Rall, A., Chlond, B., Schalk, T., Hansen, F., & Circella, G. Unveiling Mobility Patterns and Strategies to Alleviate Car Dependence: Lessons from the Los Angeles Region. *Resubmission after revision.*
- Lecompte, M.C., **Ozbilen, B.**, Lee, Y., & Circella, G. Understanding the Post-Pandemic New Normal for Low-Income Households in California. *Initial submission.*

Work in Progress

- **Ozbilen, B.**, Giller, J., Loa, P., Lee, Y., & Circella, G. Commuting VMT Differences Among Remote Workers in California: Evidence on the Role of Residential Relocation.
- **Ozbilen, B.**, Jena, A., Iogansen, X., Burger, L., Magdolen, M., Chlond, B., & Circella, G. Navigating car dependence in Los Angeles: An investigation of travel implications of attitudes and the built environment.

- Iogansen, X., Wang, X., **Ozbilen, B.**, Lee, Y., Mokhtarian, P., & Circella, G. The Treatment Effects of Post-Pandemic Hybrid/Remote Work on Vehicle Miles Traveled: A Case Study of California Workers.
- Lecompte, M.C., **Ozbilen, B.**, Rossignol, L., Loukaitou-Sideris, A., & Circella, G. Lessons Learned from Abroad: Potential Impacts of California High-speed Rail on Economic Activities and Urban Development.

RESEARCH REPORTS AND WHITE PAPERS

- **Ozbilen, B.**, Gulhare, S., Makino, K., Jena, A., Iogansen, X., Loa, P., Lee, Y., Malik, J., & Circella, G., (May 2024). Barriers to Reducing the Carbon Footprint of Transportation Part 2: Investigating Evolving Travel Behaviors in the Post-Pandemic Period in California. UC Davis: Institute of Transportation Studies. Available at <https://escholarship.org/uc/item/59x3z9zb>
- Loukaitou-Sideris, A., Circella, G., Lecompte, M.C., Rossignol, L., & **Ozbilen, B.** (April 2024). Lessons Learned from Abroad: Potential Influence of California High-Speed Rail on Economic Development, Land Use Patterns, and Future Growth of Cities. UC Office of the President: University of California Institute of Transportation Studies. <http://dx.doi.org/10.7922/G2Q23XMW>

RESEARCH FUNDING

- **Project title:** Scaling Shared Autonomous Vehicle Services: Adoption, Demand, and System Implications
 - **Role:** Principal Investigator
 - **Co-PIs:** Dr. Sina Nordhoff (UC Davis) and Dr. Yongsung Lee (UC Davis)
 - **Key academic participants:** Dr. Giovanni Circella (UC Davis) and Mollie D'Agostino (UC Davis)
 - **Funding source:** National Center for Sustainable Transportation (NCST) / U.S. Department of Transportation (USDOT)
 - **Total funding amount:** \$210,000
 - **Project duration:** April 1, 2026 – March 31, 2027
- **Project title:** Investigating the Evolution of Residential Self-Selection in the Post-COVID Era: The Transition to Digital Lifestyles and Changing Travel Behaviors
 - **Role:** Principal Investigator
 - **Co-PIs:** Dr. Yongsung Lee (UC Davis) and Dr. Giovanni Circella (UC Davis)
 - **Funding source:** National Center for Sustainable Transportation (NCST) / U.S. Department of Transportation (USDOT)
 - **Total funding amount:** \$210,000
 - **Project duration:** January 1, 2025 – June 30, 2026
- **Project title:** Equal-Move
 - **Role:** Co-Principal Investigator / UC Davis Lead
 - **PI:** Dr. Simon Schütte (Linköping University)
 - **Co-PIs:** Dr. Anna Anund (Linköping University), Dr. Wanjun Chu (Linköping University), Dr. Yongsung Lee (UC Davis) and Kiersten Muenchinger (University of Oregon)
 - **Funding source:** Vinnova/ The Swedish Government Agency for Innovation Systems
 - **Total funding amount:** 750,000 SEK/ ~\$80,000
 - **Project duration:** January 1, 2026 – July 31, 2026

- **Project title:** Local Policy and Planning Tool for the Deployment of Advanced Air Mobility in California
 - **Role:** Co-Principal Investigator
 - **PI:** Dr. Sina Nordhoff (UC Davis)
 - **Other Co-PIs:** Dr. Scott Hardman (UC Davis)
 - **Subawardee institution:** University of Southern California (Dr. Jyotirmoy Vinay Deshmukh and Dr. Ketan Savla)
 - **Funding source:** California Department of Transportation (Caltrans)
 - **Total funding amount:** \$199,989
 - **Note:** Project was awarded but terminated during the contracting stage due to delays in completion of prerequisite Caltrans work required as the foundation for this study.

PRESENTATIONS IN PROFESSIONAL MEETINGS

(Co-authors who are underlined were undergraduate students I mentored and supervised.)

(Presentations (both lectern and poster) that I personally delivered are those where I am the lead author.)

- **Ozbilen, B., Kyaw, L.**, Gulhare, S., Iogansen, X., Lee, Y., & Circella, G. (2025, October). Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach. Presented at the *Association of Collegiate Schools of Planning (ACSP) 65th Annual Congress*, Minneapolis, MN.
- **Ozbilen, B., Kyaw, L.**, Gulhare, S., Iogansen, X., Lee, Y., & Circella, G. (2025, April). Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach. Presented at the *4th Annual Transit Research Symposium*, Davis, CA.
- **Ozbilen, B., Kyaw, L.**, Gulhare, S., Iogansen, X., Lee, Y., & Circella, G. (2025, March). Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach. Presented at the *Pacific Southwest Region (PSR) University Transportation Center (UTC) Annual Congress*, Berkeley, CA.
- Sohi, M., Loa, P., **Ozbilen, B.**, Iogansen, X., Lee, Y., & Circella, G. (2025, January). How Does E-Shopping Affect Shopping VMT? Unraveling Conflicting Impacts Through Machine Learning. Presented at the *Transportation Research Board (TRB) 104th Annual Meeting*, Washington, D.C.
- **Ozbilen, B., Kyaw, L.**, Gulhare, S., Iogansen, X., Lee, Y., & Circella, G. (2025, January). Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach. Presented at the *Transportation Research Board (TRB) 104th Annual Meeting*, Washington, D.C.
- Lecompte, M.C., Loa, P., **Ozbilen, B.**, Iogansen, X., Makino, K., Jena, A., Gulhare, S., Circella, G., & Lee, Y. (2025, January). Multichannel survey methods for a longitudinal study on the changes in travel behavior in California during and after the COVID-19 pandemic. Presented at the *Transportation Research Board (TRB) 104th Annual Meeting*, Washington, D.C.
- Iogansen, X., Wang, X., **Ozbilen, B.**, Lee, Y., Mokhtarian, P., & Circella, G. (2025, January). The Treatment Effects of Post-Pandemic Hybrid/Remote Work on Vehicle Miles Traveled: A Case Study of California Workers. Presented at the *Transportation Research Board (TRB) 104th Annual Meeting*, Washington, D.C.
- **Ozbilen, B.**, Iogansen, X., Burger, L., Magdolen, M., Chlond, B., & Circella, G. (2024, November). Investigating the Factors Associated with Car Dependence in Los Angeles. Presented at the *Association of Collegiate Schools of Planning (ACSP) 64th Annual Congress*, Seattle, WA.

- Lecompte, M.C., Rossignol, L., **Ozbilen, B.**, Loukaitou-Sideris, A., & Circella, G. (2024, August). Lessons Learned from Abroad: Potential Impacts of California High-speed Rail on Economic Activities and Urban Development. Presented at the *35th International Geographical Congress (IGC)*, Dublin, Ireland.
- Kothawala, A., Haddad, A., **Ozbilen, B.**, Bhat, C.R., Circella, G., Saridakis, C., Wadud, Z., Yang, Y., Grant-Muller, S., & Castellanos, S. (2024, January). Investigating Objective and Subjective Factors Influencing the Adoption, Frequency, and Characteristics of E-Scooter Trips. Presented at the *Transportation Research Board (TRB) 103rd Annual Meeting*, Washington, D.C.
- Yang, Y., Saridakis, C., Wadud, Z., Kothawala, A., Jena, A., **Ozbilen, B.**, Wang, K., Circella, G., Castellanos, S., & Grant-Muller, S. (2024, January). Understanding Factors Influencing User Retention in European Union Shared E-Scooter Schemes. Presented at the *Transportation Research Board (TRB) 103rd Annual Meeting*, Washington, D.C.
- Jena, A., Kothawala, A., **Ozbilen, B.**, Wang, K., Lee, Y., Saridakis, C., Wadud, Z., Yang, Y., Grant-Muller, S., Castellanos, S., & Circella, G. (2024, January). Unraveling E-Scooter Rider Types in the United States: A Latent Class Cluster Analysis. Presented at the *Transportation Research Board (TRB) 103rd Annual Meeting*, Washington, D.C.
- Iogansen, X., **Ozbilen, B.**, Burger, L., Magdolen, M., Jena, A., Rall, A., Chlund, B., Schalk, T., Hansen, F., & Circella, G. (2024, January). Exploring the Role of New Mobility Service and Public Transport on Modality: Insights from the Los Angeles Region. Presented at the *Transportation Research Board (TRB) 103rd Annual Meeting*, Washington, D.C.
- **Ozbilen, B.** & Akar, G. (2023, January). What are the Factors Affecting E-scooter Use and Pro E-scooter attitudes among Travelers? Evidence from The Ohio State University Campus. Presented at the Transportation Research Board (TRB) 102nd Annual Meeting, Washington, D.C.
- **Ozbilen, B.** & Akar, G. (2022, November). Designing Pandemic Resilient Cities: Exploring the Impacts of the Built Environment on Infection Risk Perception and Subjective Well-Being. Presented at the *Association of Collegiate Schools of Planning (ACSP) 62nd Annual Congress*, Toronto, Canada.
- **Ozbilen, B.** (2022, March). Designing Pandemic Resilient Cities: Exploring the Impacts of the Built Environment on Infection Risk Perception and Subjective Well-Being. Presented at the *36th Annual Edward F. Hayes Graduate Research Forum at The Ohio State University*, Poster Presentation in Social and Behavioral Sciences Academic Area, Columbus, OH.
- **Ozbilen, B.** & Akar, G. (2022, January). Exploring the COVID-19 infection risk perception while using non-motorized options and shared micromobility: An analysis of the impacts of environmental and psychological factors. Presented at the *Transportation Research Board (TRB) 101st Annual Meeting*, Washington, D.C.
- **Ozbilen, B.** & Akar, G. (2021, October). Exploring the Facilitators of E-Scooter Use: How Different Factors Affect Various Social Groups? Presented at the *Association of Collegiate Schools of Planning (ACSP) 61st Annual Congress*, Virtual.
- **Ozbilen, B.** (2021, April). What Are the Core Indicators of Sustainability? A Content Analysis of Existing Frameworks. Presented at the *35th Annual Edward F. Hayes Graduate Research Forum at The Ohio State University*, Oral Presentation in Engineering Academic Area, Virtual.
- **Ozbilen, B.**, Akar, G., White, K., Dabelko-Schoeny, H., & Cao, Q. (2020, November). Analyzing Travel Behavior of Older Adults: What are the Determinants of Sustainable Mobility? Presented at the *Association of Collegiate Schools of Planning (ACSP) 60th Annual Congress*, Virtual.

- Cao, Q., Maleku, A., White, K., **Ozbilen, B.**, & Dabelko-Schoeny, H. (2020, November). “We Want to Go, but There are No Options”: Exploring Barriers and Facilitators of Transportation Among Diverse Older Adults. Presented at the *Gerontological Society of America (GSA) 2020 Annual Scientific Meeting*, Virtual.
- **Ozbilen, B.** & Akar, G. (2019, October). A Novel Approach to the Measurement of Sustainability through Sustainability Indicators: A Case Study of Columbus, OH. Presented at the *Association of Collegiate Schools of Planning (ACSP) 59th Annual Congress*, Greenville, SC.
- Porr, A., Hurst, N., & **Ozbilen, B.** (2019, October). So, you think you are sustainable? Prove it! Presented at the *Mid-Ohio Regional Planning Commission (MORPC)'s 2019 Summit on Sustainability*, Columbus, OH.
- Akar, G., Irwin, E., Miller, H., **Ozbilen, B.**, Porr, A., & Xiao, N. (2019, January). The Sustainable Columbus Observatory (SCO): Measuring community progress towards sustainability and resilience. Presented at *The Ohio State University's 2019 Community Engagement Conference*, Columbus, OH.
- **Ozbilen, B.** (2017, October). Restructuring Turkish Paratransit Operations: Public Transport System Integration in Ankara, Turkey. Presented at the *Association of Collegiate Schools of Planning (ACSP) 57th Annual Congress*, Denver, CO.
- Uluc, A. & **Ozbilen, B.** (2017, July). An Emphasis on the Pedestrian Accessibility Measures of Ankara City Center. Presented at the *Association of European Schools of Planning (AESOP) 30th Annual Congress*, Lisbon, Portugal.
- **Ozbilen, B.** (2016, July). Challenges of Integrating Dolmus, the Paratransit Mode in Turkey, Into the Existing Public Transport Network: The Cases of Ankara and Istanbul. Presented at the *IV World Planning Schools Congress (WPSC)*, Rio de Janeiro, Brazil.
- **Ozbilen, B.** (2015, December). Integration of Paratransit Mode Dolmus into the Existing Transport Network: Ankara Example. Presented at the *TRANSIST 2015 8th International Symposium and Exhibition on Transportation Technologies* (In Turkish) (pp. 649-660). Istanbul, Turkey.
- Kundakci, E., Karatas, P., Dalkic, G., **Ozbilen, B.**, & Tuydes-Yaman, H. (2015, December). Sustainable Transportation and Campus Traffic Safety: METU Student View. Presented at the *Road and Traffic Safety Congress for Sustainable Transportation* (In Turkish) (pp. 244-254). Ankara, Turkey.
- Dalkic, G., **Ozbilen, B.**, Karatas, P., Kundakci, E., & Tuydes-Yaman, H. (2015, November). The Use of Bicycles on Campus for Sustainable Transportation: The Case of METU Campus. Presented at the *UCTEA CCE 7th Symposium on Urban Infrastructure* (In Turkish) (pp. 529-538). Trabzon, Turkey.
- **Ozbilen, B.** (2015, February). Public Transport Smart Card Systems in Turkish Cities: The Challenge of Paratransit. Presented at the *Sixteenth International Conference of Urban Transport (CODATU XVI)*, Istanbul, Turkey.
- **Ozbilen, B.** (2014, September). Mobile Traveler Information Systems for Urban Transportation. Presented at the *Workshop on Intelligent Transportation Systems Applications in Urban Transportation*, Ankara, Turkey.
- **Ozbilen, B.** (2014, July). A Case Study on the Impacts of Urban Rail Systems on the Spatial Development; Ankara, Turkey Example. Presented at the *Association of European Schools of Planning (AESOP) 28th Annual Congress*, Utrecht, Netherlands.
- **Ozbilen, B.** (2014, May). Intelligent Transportation Systems Aided Mobile Traveler Information Systems for Public Transport. Presented at the *1st National Congress and Exhibition on Intelligent Transportation Systems* (In Turkish) (pp. 52-61). Istanbul, Turkey.

TEACHING AND MENTORING EXPERIENCE

Instructor of Record

University of California, Davis (UCD)

Davis, CA

Transportation Technology and Policy (TTP) 200: Travel Survey Methods January 2026 – March 2026

Graduate-level elective class offered in Winter quarters

- Covered survey sampling strategies, questionnaire development, stated preference and revealed preference methods, weighting procedures, and nonresponse bias.
- Guided students through survey programming, data cleaning, and preparation of travel behavior datasets for statistical modeling.

Mentoring and Supervision

University of California, Davis (UCD)

Davis, CA

National Center for Sustainable Transportation Fellowship Program June 2024 – September 2024

Mentees: Manreet Sohi – Senior in Computer Science/Economics and Lynn Kyaw – Senior in Statistics

- Guided mentees in developing urban data analytics skills, with a focus on travel behavior, and provided regular feedback and support.
- Mentored them throughout the data analysis process, resulting in the submission of two peer-reviewed journal articles to scientific journals.

Department of Human Ecology Internship Program

January 2024 – June 2024

Intern: Vanessa Jocelin Alvarez Reyes – Senior in Community and Regional Development

- Supervised daily research activities, including quantitative and qualitative data analyses.
- Provided guidance on literature review and interview data transcription, which resulted in the submission of a full-length article to a scientific journal.

The Ohio State University (OSU)

Columbus, OH

City and Regional Planning Mentoring Program

August 2021 – November 2022

Mentee: Rashad Alirhayim – PhD Student (pre-candidacy)

- Offered personalized mentorship, providing constructive guidance on publishing in scientific journals and acquiring technical skills essential for doctoral success.
- Assisted the mentee in preparing for the candidacy exam and proposal defense, ensuring a comprehensive understanding of key methodologies.

Guest Lectures

Georgia Institute of Technology – School of City and Regional Planning

Atlanta, GA

CP 4813/CP 8883: Special Topics: Transportation Decisions (Online) – Dr. Gulsah Akar October 30, 2024

- Delivered a lecture titled *Understanding Disparities in Activity Participation in Post-Pandemic California: A Clustering Analysis Approach*, emphasizing practical built environment interventions and sustainable mobility strategies for pandemic resilience.

Georgia Institute of Technology – School of City and Regional Planning

Atlanta, GA

CP 8883: Special Topics: Transportation Decisions (Online) – Dr. Gulsah Akar October 31, 2022

- Delivered a lecture titled *Designing Pandemic Resilient Cities: Exploring the Impacts of the Built Environment on Infection Risk Perception and Subjective Well-being*, emphasizing practical built environment interventions and sustainable mobility strategies for pandemic resilience.

The Ohio State University – School of Environment and Natural Resources

Columbus, OH

RS 4500: Asset-Based Community Development (Online) – Dr. Joseph T. Campbell

March 10, 2021

- Delivered a lecture titled *Sustainable Community Development: Urban Planning and Public Participation*, discussing the intersection of public engagement in sustainable development and planning.

The Ohio State University – School of Environment and Natural Resources **Columbus, OH**
 RS 4500: Asset-Based Community Development (In Class) – Dr. Joseph T. Campbell February 24, 2020

- Delivered a lecture titled *Community Planning to Achieve Sustainable Urban Development: Two Projects from Columbus, OH*, showcasing real-world examples of sustainable urban development initiatives.

Teaching Assistant Experience

Middle East Technical University (METU) **Ankara, Turkey**

Teaching Assistant November 2013 – July 2017

CRP 351 Urban Transport Planning (the medium of instruction in METU is English)

- Assisted instructors in the preparation and evaluation of assignments and term projects.
- Taught transportation planning, incorporating urban data analytics to address sustainable urban systems.

Teaching Assistant November 2013 – July 2017

CRP 201-202-301-302 Planning and Design Studios (the medium of instruction in METU is English)

- Guided students in developing spatial analysis skills at regional and urban scales.
- Facilitated weekly reviews of term projects, helping students tackle real-world planning challenges.

AWARDS AND HONORS

UC Davis Postdoctoral Scholars Association (PSA) Travel Grant November 2024

Presidential Fellowship, OSU Graduate School’s most prestigious award May 2022 – November 2022

2nd place in Social and Behavioral Sciences Poster Competition, OSU Hayes Forum March 2022

Career Development Grant, OSU Council of Graduate Students January 2022

Association of Collegiate Schools of Planning (ACSP) Student Travel Award August 2021

Voss Scholarship Honorable Mention, OSU City and Regional Planning March 2021

4th place in the 2020-2021 Three Minute Thesis University-wide Competition, OSU February 2021

Graduate School Fellowship, OSU August 2017-July 2018

The Thesis of the Year Award, METU June 2017

Prof. Dr. Ilhan Tekeli Graduate Thesis Award, METU City and Regional Planning May 2017

Course Performance Award in Master’s in City Planning, METU June 2015

Dean’s High Honor List (GPA above 3.5/4.0), METU June 2013

LEADERSHIP AND PROFESSIONAL SKILLS DEVELOPMENT

UC Davis Fundraising and Philanthropic Engagement Workshop May 2026

UC Davis Research and Industry Presentation Training March 2026

UC Davis Scientific Leadership and Management Skills Course May 2025

UC Know Your Strengths Workshop for Postdocs August 2024

UC Davis Faculty and Staff Researcher Communication Training October 2023

INVITED TALKS

- Georgia Institute of Technology – School of City and Regional Planning February 9, 2026
Invited Speaker, PhD Seminar in Research & Pedagogy
Fireside Chat: Research Leadership and the Transition from PhD to Funded Research
- Association of Collegiate Schools of Planning (ACSP) Annual Conference 2025 October 7, 2025
Invited Panelist in 2025 Pre-Doctoral Workshop
Panel Topic: Understanding the Doctoral Program Experience
- Technical University of Munich – School of Engineering and Design January 9, 2023
Invited Speaker in the Seminar on International Urban Design Cases
Seminar Topic: Approaches to overcome car-centric urbanism: Insights from Columbus, OH & Davis, CA
- The Ohio State University – Translational Data Analytics Institute November 9, 2022
Invited Panelist in the 2022 Interdisciplinary Research Fall Forum
Co-hosted by Translational Data Analytics Institute and Sustainability Institute
Panel Topic: Potential of new technologies to rapidly decarbonize urban transportation

POLICY AND LEGISLATIVE ENGAGEMENT

Legislative Briefing Organizer and Moderator, California State Legislature October 2025
Legislative Briefing: Understanding California's Transportation Network Company and Automated Vehicle Data Challenges
Location: Capitol Annex, Room 6010, Sacramento, CA — October 30, 2025

- Organized and moderated a two-hour legislative briefing for Assembly and Senate staff focused on TNC and AV data gaps, privacy considerations, and implications for statewide regulatory decision-making.
- Coordinated invited presentations by UC Davis experts on policy and privacy issues, including San Francisco AV trip data and equity, public safety perceptions of AV deployments, and TNC-related trip data under the Clean Miles Standard regulation.

SERVICE TO PROFESSION

TRB Standing Committee Member and Paper Review Coordinator August 2025 – April 2028

Transportation Research Board (TRB) Standing Technical Committee on Transportation Planning Policy and Analysis (AEP11)

- Coordinated the review process for papers submitted to the TRB Annual Meeting and Transportation Research Record (TRR).
- Helped plan TRB Annual Meeting sessions, develop calls for papers, and identify research needs.
- Actively participated in meetings and outreach to foster engagement and member participation.

Managing Editor, Journal of Planning Literature (JPL) (SSCI, IF: 4.5) May 2020 – May 2022

Editors-in-Chief: Dr. Gulsah Akar & Dr. Rachel Garshick Kleit

- Assisted the Editor-in-Chief and Associate Editors in the review process of submitted manuscripts
- Managed day-to-day operations of submitted manuscripts
- Oversaw the production of the journal (4 issues annually)

Member of MORPC Regional Sustainability Agenda Sub-committee

April 2020 - April 2021

MORPC (Mid-Ohio Regional Planning Commission) is Central Ohio's regional planning council

- Provided consultation in the preparation of the 2021-2024 Regional Sustainability Agenda
- Assisted in identifying and revising regional sustainability indicators
- Prepared a guiding document covering the best cases from around the world and local efforts

Peer Reviewer for Grant Proposals

- USDOT Tier-1 UTC Transportation Cybersecurity Center for Advanced Research and Education (CYBER-CARE)

Peer Reviewer for Academic Journals

- Case Studies on Transport Policy
- International Journal of Human-Computer Interaction
- Journal of Planning Literature
- Journal of Transport & Health
- npj Urban Sustainability
- Transport Policy
- Transportation
- Transportation Planning and Technology
- Transportation Research Interdisciplinary Perspectives
- Transportation Research Part A: Policy and Practice
- Transportation Research Record: Journal of the Transportation Research Board (TRR)
- Travel Behaviour and Society

Peer Reviewer for Scientific Conferences

- International Conference on Travel Behavior Research (organized by IATBR)
- Transportation Research Board (TRB) Annual Meeting
- World Conference on Transport Research (organized by WCTRS)

TECHNICAL SKILLS

Statistical & Spatial Analysis: Urban Data Analytics (R, Stata, Mplus, SPSS), GIS (ArcGIS, GeoDa)

Vector Drawing & Graphic Design: AutoCAD, Adobe Photoshop, CorelDRAW, SketchUp

PROFESSIONAL MEMBERSHIPS

- Association of Collegiate Schools of Planning (ACSP), USA July 2021 – Present
- American Planning Association (APA), USA November 2019 – December 2022
- Chamber of City Planners, UCTEA, Turkey June 2013 – Present