

Deborah Salon, PhD

Associate Professor, School of Geographical Sciences and Urban Planning
Associate Director, Teaching Old Models New Tricks (TOMNeT) University Transportation Center
Graduate Faculty, School of Sustainability
Arizona State University
deborah.salon@asu.edu

EDUCATION

University of California, Davis

PhD, Agricultural and Resource Economics, May 2006

Dissertation: Cars and the City: An Investigation of Residential Location and Transportation Choices
in New York City

Committee: James Wilen (Professor, Agricultural and Resource Economics)
Daniel Sperling (Professor, Civil and Environmental Engineering/Environmental Science
and Policy)
Susan Handy (Professor, Environmental Science and Policy)

Carleton College, Northfield, MN

BA in Physics, cum laude, June 1994

ACADEMIC APPOINTMENTS

Arizona State University, Tempe, AZ

Associate Professor, School of Geographical Sciences and Urban Planning (2020-present)
Assistant Professor, School of Geographical Sciences and Urban Planning (2014-2020)
Graduate Faculty, School of Sustainability (2016-present)
Associate Director, TOMNET University Transportation Center (2017-present)

University of California, Davis, Davis, CA

Professional Researcher (equivalent to Assistant Research Professor at ASU), Institute of
Transportation Studies (2008-2014)

Columbia University, New York, NY

Post-Doctoral Fellow under mentorship of Dr. Elliott Sclar, The Earth Institute (2006-2008)

NON-ACADEMIC RESEARCH EMPLOYMENT

International Energy Agency, Paris, France

Staff Researcher, Energy and Environment Division (2000)

Environmental Defense Fund, New York, NY

Research Assistant, Global Climate and Air Group (1996-1998)

Tellus Institute, Boston, MA

Intern, Energy Group (1994-1995)

Minnesotans for an Energy Efficient Economy, Minneapolis, MN

Intern (1994)

PEER-REVIEWED JOURNAL ARTICLES

- Co-authors marked with an asterisk (*) are graduate students I supervised.

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- 38 **Salon D**, Bhagat-Conway M, Mirtich L*, Costello A*, Rahimi E, Chauhan R, Derrible S, Baker D, and Pendyala R. (2022). The COVID-19 pandemic and the future of telecommuting in the United States. Forthcoming, *Transportation Research Part D: Transport and the Environment*.
- 37 Javadinasr M, Maggasy T, Mohammadi M, Mohammadian A, Rahimi E, **Salon D**, Conway MW, Pendyala R, and Derrible S. (2022). The Long-Term Effects of COVID-19 on Travel Behavior in the United States: A Panel Study on Work from Home, Mode Choice, Online Shopping, and Air Travel. *Transportation Research Part F: Traffic Psychology and Behavior*. DOI: 10.1016/j.trf.2022.09.019
- 36 Bhagat-Conway M*, Mirtich L*, **Salon D**, Harness N*, Consalvo A*, and Hong S*. (2022). Subjective variables in travel behavior models: a critical review and Standardized Transport Attitude Measurement Protocol (STAMP). *Transportation*. DOI: 10.1007/s11116-022-10323-7
- 35 Mohammadi M, Rahimi E, Davatgari A, Javadinasr M, Mohammadian A, Bhagat-Conway M, **Salon D**, Derrible S, Pendyala RM and Khomeini S. (2022). Examining the persistence of telecommuting after the COVID-19 pandemic. *Transportation Letters*. DOI: 10.1080/19427867.2022.2077582
- 34 **Salon D**, Conway M*, Capasso da Silva D, Chauhan R, Derrible S, Mohammadian K, Khomeini S, Parker N, Mirtich L*, Shamshiripour A, Rahimi E, and Pendyala R. (2021). The potential stickiness of pandemic-induced behavior changes in the United States. *Proceedings of the National Academy of Sciences*, 118 (27). DOI: 10.1073/pnas.2106499118.
- 33 Chauhan R, Conway M*, Capasso da Silva D, **Salon D**, Shamshiripour A, Rahimi E, Khomeini S, Mohammadian K, Derrible S, and Pendyala R. (2021). A database of travel-related behaviors and attitudes before, during, and after COVID-19 in the United States. *Scientific Data*, 8 (245) DOI: 10.1038/s41597-021-01020-8.
- 32 Capasso da Silva D, Khomeini S, **Salon D**, Conway M*, Chauhan R, Pendyala R, Shamshiripour A, Rahimi E, Magassy T, Mohammadian K, and Derrible S. (2021). How are attitudes toward COVID-19 associated with traveler behavior during the pandemic? *Transport Findings*. DOI: 10.32866/001c.24389.
- 31 Mirtich L*, Conway M*, **Salon D**, Kedron P, Chauhan R, Derrible S, Khomeini S, Mohammadian K, Rahimi E, and Pendyala R. (2021). How stable are transport-related attitudes over time? *Transport Findings*. DOI: 10.32866/001c.24556.
- 30 Parker N, Breetz H, **Salon D**, Conway M*, Williams J, and Petersen M. (2021). Who saves money buying electric vehicles? Heterogeneity in Total Cost of Ownership. *Transportation Research Part D: Transport and Environment*, 96. DOI: 10.1016/j.trd.2021.102893.
- 29 Chauhan R, Capasso da Silva D, **Salon D**, Shamshiripour A, Rahimi E, Sutradhar U, Khomeini S, Mohammadian K, Derrible S, and Pendyala R. (2021). COVID-19 related attitudes and risk perceptions across urban, rural, and suburban areas in the United States. *Urban Findings*. DOI: 10.32866/001c.23714.

- 28 Conway M*, **Salon D**, Capasso da Silva D, and Mirtich L. (2020). How will the COVID-19 pandemic affect the future of urban life? Early evidence from highly-educated respondents in the United States. *Urban Science*, 4(4). DOI: 10.3390/urbansci4040050.
- 27 King D, Conway M*, and **Salon D**. (2020). Do for-hire vehicles provide first mile/last mile access to transit? *Transport Findings*, DOI: 10.32866/001c.12872.
- 26 **Salon D** and Gulyani S. (2019). Commuting in urban Kenya: Unpacking travel demand in large and small Kenyan cities. *Sustainability*, 11(14): 3823. DOI:10.3390/su11143823.
- 25 Musili C* and **Salon D**. (2019). Do private transport services complement or compete against public transit? Evidence from the commuter vans in Eastern Queens, New York. *Urban Science*, 3(1). DOI:10.3390/urbansci3010024.
- 24 **Salon D**, Conway M*, Wang K*, and Roth N. (2019). Heterogeneity in the relationship between biking and the built environment. *Journal of Transportation and Land Use*, 12(1): 99-126. DOI:10.5198/jtlu.2015.556.
- 23 Conway M*, **Salon D**, and King D. (2018). Trends in taxi use and the advent of ridehailing, 1995–2017: Evidence from the US National Household Travel Survey. *Urban Science*, 2(3). DOI:10.3390/urbansci2030079.
- 22 Breetz H and **Salon D**. (2018). Do electric vehicles need subsidies? Ownership costs for conventional, hybrid, and electric vehicles in 14 US cities. *Energy Policy*, 120: 238-249. DOI:10.1016/j.enpol.2018.05.038.
- 21 Seo K*, **Salon D**, Kuby M, and Golub A. (2018). Hedonic modeling of commercial property values: distance decay from the links and nodes of rail and highway infrastructure. *Transportation*. DOI: 10.1007/s11116-018-9861-z.
- 20 Seo K*, **Salon D**, Shilling F, and Kuby M. (2018). Pavement condition and residential property values: A spatial hedonic price model for Solano County, CA. *Public Works Management and Policy* 23(3):243-61. DOI:10.1177/1087724X18757535.
- 19 **Salon D** and McIntyre A*. (2017). Determinants of pedestrian and bicyclist crash severity by party at fault in San Francisco, CA. *Accident Analysis and Prevention* 110: 149-160. DOI:10.1016/j.aap.2017.11.007.
- 18 Sultana S, **Salon D**, and Kuby M. (2017). Transportation sustainability in the urban context: A comprehensive review. *Urban Geography*. DOI:10.1080/02723638.2017.1395635.
- 17 **Salon D**, Sclar E, and Barone R. (2017). Can location value capture pay for transit? Organizational challenges of transforming theory into practice. *Urban Affairs Review* 55(3): 743-771. DOI:10.1177/1078087417715523.
- 16 **Salon D**. (2016). Estimating pedestrian and cyclist activity at the neighborhood scale. *Journal of Transport Geography* 55: 11-21. DOI:10.1016/j.jtrangeo.2016.06.023.
- 15 Handy S, Lawell CY CL, and **Salon D**. (2015). Introduction to the special issue on Sustainable Transportation. *Research in Transportation Economics* 52: 1-2. DOI:10.1016/j.retrec.2015.10.001.

- 14 **Salon D.** (2015). Heterogeneity in the relationship between the built environment and driving: Focus on neighborhood type and travel purpose. *Research in Transportation Economics* 52: 34-45. DOI: 10.1016/j.retrec.2015.10.008.
- 13 Cook J*, Sanchirico J, **Salon D**, and Williams J. (2015). Empirical distributions of vehicle use and fuel efficiency across space: Implications of asymmetry for policy analysis. *Transportation Research Part A: Policy and Practice* 78: 187-199. DOI:10.1016/j.tra.2015.04.030.
- 12 **Salon D**, Wu J*, and Shewmake S. (2014). The impact of bus rapid transit and metro rail on property values in Guangzhou, China. *Transportation Research Record: Journal of the Transportation Research Board* (2452): 36-45. DOI:10.3141/2452-05.
- 11 **Salon D**, Murphy S*, and Sciara G-C. (2014). Local climate action: Motives, enabling factors, and barriers. *Carbon Management* 5(1): 67-79. DOI:10.4155/cmt.13.81.
- 10 Heres D, Jack D, and **Salon D.** (2013). Do public transit investments promote economic development? Evidence from bus rapid transit in Bogotá, Colombia. *Transportation* 41(1): 57-74. DOI:10.1007/s11116-013-9471-8.
- 9 Lovejoy K, Sciara G-C, **Salon D**, Handy S, and Mokhtarian P. (2013). Measuring the impacts of local land use policies on vehicle miles of travel: The case of the first big box store in Davis, CA. *Journal of Transportation and Land Use* 6(1): 25-39. DOI:10.5198/jtlu.v6i1.336.
- 8 **Salon D**, Boarnet M, Handy S, Spears S, and Tal G. (2012). How do local actions affect VMT? A critical review of the empirical evidence. *Transportation Research Part D: Transport and Environment* 17(7): 495-508. DOI:10.1016/j.trd.2012.05.006
- 7 Gallivan F, Sall E, Hesse E, **Salon D**, and Ganson C. (2012). Inclusion of regional transit emissions in local GHG inventories: Comparison of methods with examples from Portland, OR and the San Francisco Bay Area, CA. *Transportation Research Record: Journal of the Transportation Research Board* (2270): 142-151. DOI:10.3141/2270-17.
- 6 **Salon D** and Aligula E. (2012). Urban travel in Nairobi, Kenya: Analysis, insights, and opportunities. *Journal of Transport Geography* 22(1): 65-76. DOI:10.1016/j.jtrangeo.2011.11.019.
- 5 **Salon D** and Gulyani S. (2010). Mobility, poverty, and gender: Travel “choices” of slum residents in Nairobi, Kenya. *Transport Reviews* 30(5): 641-657. DOI:10.1080/01441640903298998.
- 4 **Salon D**, Sperling D, Meier A, Murphy S*, Gorham R, and Barrett J. (2010). City carbon budgets: A proposal to align incentives for climate-friendly communities. *Energy Policy* 38: 2032-2041. DOI:10.1016/j.enpol.2009.12.005.
- 3 **Salon D.** (2009). Neighborhoods, cars, and commuting in New York City: A discrete choice approach. *Transportation Research Part A: Policy and Practice* 43(2): 180-196. DOI:10.1016/j.tra.2008.10.002.
- 2 Contadini F and **Salon D.** (1999). PAU system: A new concept to achieve sustainability in passenger transportation. Society of Automotive Engineers, Technical paper 2000-01-0018. DOI:10.4271/2000-01-0018

- 1 **Salon D** and Dudek D. (1999). Applying greenhouse gas emissions trading to the light-duty vehicle sector. *Transportation Research Record: Journal of the Transportation Research Board* (1664): 3-8. DOI:10.3141/1664-01.

BOOK CONTRIBUTIONS

- 1 Sperling D, **Salon D**, and Lutsey N. (2009). Reducing greenhouse gas emissions from transportation. Chapter in a Planners Advisory Service monograph entitled “Rebuilding America”.

MANUSCRIPTS IN PREPARATION

- 1 **Salon D** and Kats E*. How we choose where to live: A qualitative investigation of residential location choice. Draft Available.
- 2 **Salon D** and Conway M*. Emerging mobility services, car ownership, and urban transport sustainability in the U.S. Draft Available.
- 3 James E, Peck B*, Sanders R, **Salon D**, and Russo B. A holistic investigation of pedestrian safety in Phoenix, AZ: Crash frequency, crash rate, and crash severity. Draft Available.

RESEARCH REPORTS AND WHITE PAPERS

- 15 **Salon D**. (2015). The effect of land use policies and infrastructure investments on how much we drive: A practitioner's guide to the literature. White paper commissioned by the National Center for Sustainable Transportation. 19 p. Available at <http://ncst.ucdavis.edu/white-paper/usc-ct-to-003-wp2-2a/>
- 14 **Salon D** and Handy S. (2014). Estimating total miles walked and biked by census tract in California. Final project report to the California Department of Transportation. 38 p. Available at http://www.dot.ca.gov/hq/research/researchreports/reports/2014/final_report_task_2200.pdf
- 13 **Salon D**. (2014). Location value capture opportunities for urban public transport finance. White paper commissioned by the Regional Plan Association. 18 p. Available at <http://library.rpa.org/pdf/TLS-2014-Research-Paper-Value-Capture.pdf>
- 12 **Salon D**, Boarnet M, and Mokhtarian P. (2014). Quantifying the effect of local government actions on VMT. Final project report to the California Air Resources Board. 116 p. Available at www.arb.ca.gov/research/apr/past/09-343.pdf
- 11 Sciara G-C and **Salon D**. (2013). Survey of local sustainability practices in California. Report to the Strategic Growth Council of the State of California.
- 10 **Salon D** and Murphy S*. (2013). Reducing greenhouse gas emissions through local government action: Case studies of California cities. Draft final project report to the Public Interest Energy Research (PIER) Program of the California Energy Commission. 143 p.
- 9 **Salon D** and Handy S. (2013). Walking in California: Changes from 2002 to 2009 based on a comparison of two surveys. Report to the State of California Department of Transportation.

- 8 **Salon D** and Shewmake S. (2012). Opportunities for value capture to fund public transport: A comprehensive review of the literature with a focus on East Asia. Available at SSRN: <http://ssrn.com/abstract=1753302>.
- 7 **Salon D.** (2006). Cars and the City: An Investigation of Transportation and Residential Location Choices in New York City. Dissertation published as ITS-Davis Research Report – UCD-ITS-RR-06-28.
- 6 **Salon D.** (2004). White paper on the impact of light-duty vehicle regulation on consumer welfare: a review of the literature. Report prepared for Environmental Defense.
- 5 Sperling D and **Salon D.** (2002). Transportation in developing countries: An overview of greenhouse gas reduction strategies. Pew Center for Climate Change. Available at http://www.c2es.org/docUploads/transportation_overview.pdf.
- 4 **Salon D.** (2001). An initial view on methodologies for emission baselines: Transport case study. International Energy Agency Information Paper. Available at <https://www.oecd.org/env/cc/2468491.pdf>
- 3 Zhou H, Sperling D, Delucchi M, and **Salon D.** (2001). Transportation in developing countries: Greenhouse gas scenarios for Shanghai, China. Pew Center for Climate Change. Available at http://www.c2es.org/docUploads/transportation_shanghai.pdf.
- 2 **Salon D,** Sperling D, and Friedman D. (1999). *California's Partial ZEV Credits and LEV II Program*. Institute of Transportation Studies, UC Davis, RR-99-14, 17 p.
- 1 **Salon D,** Sperling D, Shaheen S, and Sturges D. (1999). New mobility: Using technology and partnerships to create more efficient, equitable and environmentally-sound transportation. Institute of Transportation Studies, UC Davis, RR-99-1.

CONFERENCE PROCEEDINGS (FULL PAPERS)

- 11 **Salon D,** Blumenberg E, Thomas T, Williams J, and Tuil J*. (2016). A spatial analysis of housing and transportation affordability in Los Angeles County. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 10 **Salon D,** Cook J*, and Williams J. (2014). Household vehicle carbon emissions in California cities. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 9 **Salon D.** (2014). Comparison of self-reported to network-calculated trip distances for the California add-on to the 2009 National Household Travel Survey. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 8 **Salon D,** Boarnet M, Handy S, Spears S, Tal G. (2012). How do local actions affect VMT? A critical review of the empirical evidence. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 7 **Salon D** and Shewmake S. (2012). Opportunities for value capture to fund public transport: A comprehensive review of the literature with a focus on East Asia. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.

- 6 **Salon D** and Gulyani S. (2008). Travel 'choices' of slum residents in Nairobi, Kenya. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 5 **Salon D.** (2007). Spatial scenario analysis using discrete choice models with GIS: A case study of transport choices in New York City. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 4 **Salon D.** (2006). Cars and the city? A model of the determinants of auto ownership and use for commuting in New York City with endogenous choice of residential location. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 3 **Salon D.** (2002). A multivariate analysis of carbon emissions from urban transport. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 2 **Salon D.** (2000). Personal transportation and an upstream carbon emissions trading policy. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.
- 1 **Salon D** and Dudek D. (1999). Applying greenhouse gas emissions trading to the light-duty vehicle sector. Paper included in the Proceedings of the Transportation Research Board Annual Meeting.

OTHER PUBLICATIONS

- 5 **Salon D.** (2021). Embracing Change: Let's Not Go Back To 2019's Transportation Choices. Invited Opinion article. *Transfers Magazine*. <https://transfersmagazine.org/magazine-article/issue-8/embracing-change-lets-not-go-back-to-2019s-transportation-choices/>
- 4 **Salon D.** (2020). Worker flexibility is here to stay. Invited contribution to: The office is dead! Long live the office in a post-pandemic world. *The Conversation*. <https://theconversation.com/the-office-is-dead-long-live-the-office-in-a-post-pandemic-world-138499>
- 3 **Salon D.** (2016). Car dependence and neighborhood affordability. Invited contribution to the Urbanization and Global Environmental Change (UGEC) Viewpoints blog at <https://ugecviewpoints.wordpress.com/2016/01/05/car-dependence-and-neighborhood-affordability/>
- 2 Handy S, Lovejoy K, Sciara G-C, **Salon D**, and Mokhtarian P. (2015). The first big-box store in Davis. *ACCESS Magazine*, Issue 46.
- 1 Kuby M, Golub A, and **Salon D.** (2015). Sections on Value capture and tax increment financing and Mileage-based road user charges (VMT tax), Arizona Town Hall Transportation and Arizona Report.

FUNDING

Funded Research:

- | | |
|------|---|
| 2022 | Transforming Tempe into a Bicycling Oasis Through Data-Driven Planning. Co-PI. Funded by the Zimin Institute. Project funding total: \$105,565. |
| 2021 | Car-Free in a Car-Dependent City? A Preliminary Study of the Culdesac Neighborhood in Tempe, AZ. Co-PI. Funded by the Arizona State University Institute for Social Science Research. Project funding total: \$6,454. |

- 2021 Opportunities and Barriers for Electric Vehicle Adoption in Low Income Communities Co-PI. Funded by the Salt River Project. Project funding total: \$68,483.
- 2021 Waking Up Wall Street. Funded by the Healthy Urban Environment Initiative. PI. Project funding total: ~\$50,000.
- 2020 RAPID/Collaborative Research: Investigating Attitudinal and Behavioral Changes in U.S. Households Before, During, and After the COVID-19 pandemic. PI. Project funding received: \$56,334.
- 2020 Understanding Drivers of Pedestrian Safety in the City of Phoenix. Co-PI. Funded by the City of Phoenix. Project funding received: \$50,000.
- 2019 Teaching Old Models New Tricks (TOMNET). Co-Investigator. PI: Ram Pendyala, ASU. Funded by the US Department of Transportation for a Tier 1 University Transportation Center. Project funding received for 2020: ~\$100,000.
- 2018 Teaching Old Models New Tricks (TOMNET). Co-Investigator. PI: Ram Pendyala, ASU. Funded by the US Department of Transportation for a Tier 1 University Transportation Center. Project funding received for 2019: ~\$100,000.
- 2017 Teaching Old Models New Tricks (TOMNET). Co-Investigator. PI: Ram Pendyala, ASU. Funded by the US Department of Transportation for a Tier 1 University Transportation Center. Project funding received for 2018: ~\$100,000.
- 2017 Arizona Tri-University Transportation Research Center Pilot Research Portfolio. Co-Investigator. PI at ASU: Michael Kubly. Funded by the Arizona Board of Regents. Project funding received, Year 2: \$30,000.
- 2016 Teaching Old Models New Tricks (TOMNET). Co-Investigator. PI: Ram Pendyala, ASU. Funded by the US Department of Transportation for a Tier 1 University Transportation Center. Project funding received for 2017: ~\$60,000.
- 2016 Arizona Tri-University Transportation Research Center Pilot Research Portfolio. Co-Investigator. PI at ASU: Michael Kubly. Funded by the Arizona Board of Regents and ASU OKED. Project funding received, Year 1: \$40,000.
- 2015 Investigating the effect of the geographic distribution of public school quality on household energy use in metropolitan regions. Principal Investigator. Funded by the Arizona State University Institute for Social Science Research. \$4,000.
- 2012 A spatial analysis of housing and transportation affordability in Los Angeles County. Principal Investigator. Co-PI: Evelyn Blumenberg, UCLA. Funded by the University of California Transportation Center. \$65,000
- 2011 Evaluating the impact of local actions on vehicle miles traveled: Case study in Davis, CA. Principal Investigator. Funded by the University of California, Davis Sustainable Transportation Center. \$53,235
- 2010 Quantifying the effect of local government actions on VMT. Principal Investigator. Funded by the California Air Resources Board. \$125,000
- 2009 Investigating the land use impacts of a large Bus Rapid Transit system: A case study of Guangzhou. Principal Investigator. Jointly funded by the Institute for Transportation and Development Policy and the Asian Development Bank. \$31,709
- 2009 Reducing greenhouse gas emissions through local government action: Case studies of five California cities. Principal Investigator. Funded by the California Energy Commission Public Interest Energy Research (PIER) grant. \$262,323

- 2008 Do investments in public transit improve employment outcomes for residents? Evidence from Bogota, Colombia. Principal Investigator. Funded by the University of California, Davis Sustainable Transportation Center. \$52,337
- 2007 Do investments in public transit improve employment outcomes for residents? Evidence from Bogota, Colombia. Principal Investigator. Co-PI: Darby Jack. Funded by the Cross-Cutting Initiatives Program, Earth Institute, Columbia University. \$10,000.

Fellowships:

- 2020 Knowledge Exchange for Resilience Fellowship: \$15,000.
- 2004 Robert Wood Johnson Foundation Active Living Research Dissertation Grant (\$20,000)
- 2003 University of California Transportation Center Dissertation Grant (\$15,000)
- 2003 Dwight D. Eisenhower Graduate Fellowship and Travel Grant, US Dept. of Transportation (\$10,000)
- 2002 Dwight D. Eisenhower Graduate Travel Grant, US Dept. of Transportation (\$1,500)
- 1999-2001, Integrative Graduate Education and Research Traineeship (IGERT), National
2002-2003 Science Foundation
- 1998-1999 University of California Transportation Center Fellowship

External grants pending:

External grants unfunded (while at ASU):

- 2020 Will we ever go back to our pre-COVID way of life - and do we want to? A Panel Data Analysis of the Impacts of COVID-19 and the “Stickiness” of Attitudinal and Behavioral Changes in the U.S. PI. Letter of Inquiry submitted to Russell Sage Foundation. \$175,000.
- 2020 RESET - Resilient, Efficient, Sustainable, & Equitable Transit: A Model for the Age of Disruption. Tier 1 University Transportation Center Proposal. Co-PI at ASU. Lead Institution: University of Connecticut. \$330,000.
- 2020 Understanding communications as a substitute for transportation (UCaST). Tier 1 University Transportation Center Proposal. PI at ASU. Lead Institution: University of California Davis. \$149,968.
- 2019 Bay Area Microtransit Pilot. PI. Submitted to the Mineta Transportation Institute. \$40,084.
- 2019 How Has the Rise of E-commerce Affected Household Vehicle Miles Traveled in the United States? Co-PI. Submitted to the National Bureau for Economic Research. \$39,000.
- 2017 Regional Transit Service, Displacement of Marginalized Residents, and Health Conditions. Co-Investigator. PI: Seung-Yong Han, ASU. Submitted to the National Institute of Health. \$386,250.
- 2016 Regional Transit Service, Displacement of Marginalized Residents, and Health Outcomes. Co-Investigator. PI: Seung-Yong Han, ASU. Letter of Intent submitted to the Robert Wood Johnson Foundation’s Evidence for Action CFP. \$300,000.

- 2016 Region 9 Alliance for Mobility Sciences University Transportation Center. Co-Investigator. PI at ASU: Mikhail Chester. Proposal submitted to the US Department of Transportation for the Region 9 University Transportation Center. ASU portion of multi-institution proposal: \$320,000.
- 2016 Center for Megaregion Research. Co-Investigator. PI at ASU: Michael Kuby. Proposal submitted to the US Department of Transportation for a Tier 1 University Transportation Center. ASU portion of multi-institution proposal: \$194,450.
- 2016 Multimodal Travel in a Suburban City: What are the Opportunities for Transportation Demand Management? Co-Investigator. PI: David King, ASU. Pre-proposal declined by TransitCenter. \$124,389.
- 2016 Regional Transit Service, Displacement of Marginalized Residents, and Health Outcomes. Co-Investigator. Co-PIs: Joanna Lucio and Seung-Yong Han, ASU. Letter of Intent submitted to the Robert Wood Johnson Foundation's Policies for Action CFP. \$250,000.
- 2015 Resilience and Prosperity Risks and Opportunities in Urban/Rural Systems. Co-Investigator. PI: Adjo Amekudzi, Georgia Institute of Technology. Declined by the National Science Foundation CRISP with a panel determination of "Competitive". ASU portion of multi-institution proposal: \$540,000.
- 2014 Integrated Real-Time Proactive Demand-Supply Traffic Management. Co-Investigator. PI: Pitu Mirchandani, ASU. Pre-proposal declined by the US Department of Energy's ARPA-E program. \$2,000,000.

INVITED TALKS

- 35 How will the COVID-19 pandemic affect public transit demand into the future? (2022) UCLA Lake Arrowhead Symposium, Los Angeles, CA.
- 34 The potential for behavior change to reduce greenhouse gas emissions: Examples from urban transport. (2021) Advisory Committee meeting, Division of Behavioral and Social Sciences and Education (DBASSE), National Academies of Sciences, Engineering, and Medicine, Online.
- 33 How will the COVID-19 pandemic affect transport choices into the future? (2021) Focus on the Future 2021 Conference, Online.
- 32 How will the COVID-19 pandemic affect transport choices into the future? (2021) California Air Resources Board VMT Retreat, Online.
- 31 How will the COVID-19 pandemic affect transport choices into the future? (2021) Research to Practice Transit Symposium, Online.
- 30 Investigating attitudinal and behavior changes in US household during and after the COVID-19 pandemic. (2021) COVID Information Commons Webinar, Online
- 29 How will the COVID-19 pandemic affect the future of transport? (2021) AECOM Webinar, Online.
- 28 How will the COVID-19 pandemic affect the future of transport? (2021) Mobility 21, National Mobility Summit, Online.

- 27 How will COVID-19 change consumer freight demand? (2021) Transportation Research Board Freight Surveys Subcommittee Meeting, Online.
- 26 How will COVID-19 change our world? (2020) *Teaching Old Models New Tricks (TOMNeT) University Transportation Center Webinar*. [Video Link](#).
- 25 How will the COVID-19 pandemic affect the future of transport? (2020) Three Revolutions Research Workshop, University of California Davis. Online.
- 24 How will the COVID-19 pandemic affect the future of transport? (2020) UCLA Lake Arrowhead Virtual Symposium. In Session: Changing Trends in Travel Behavior - Will They Last? Online. [Video Link](#).
- 23 Home and neighborhood preferences and choices. (2020) In: The ABCs (Attitudes – Behaviors – Choices) of Future Mobility Webinar. *TOMNET and D-STOP USDOT Tier 1 University Transportation Centers*, Online.
- 22 Online Shopping and Restaurant Takeout and Delivery. (2020) In Session: Freight movement before, during, and after COVID—some preliminary findings, *STEPS+ Spring 2020 Research Symposium*, University of California Davis, Online.
- 21 Will we ever “go back” to our pre-COVID way of life? Not completely, initial results suggest (2020) *Teaching Old Models New Tricks (TOMNeT) University Transportation Center Webinar*. [Video Link](#).
- 20 Emerging mobility services, car ownership, and urban transport sustainability in the U.S. (2019) University of California, Davis *Institute of Transportation Studies Seminar*, Davis, CA.
- 19 Emerging mobility services, car ownership, and urban transport sustainability in the U.S. (2019) Arizona State University *Center for Environmental Economics and Sustainability Policy Seminar*, Tempe, AZ.
- 18 Transportation costs, access, and mobility in Phoenix. (2019) Transport Sustainability Forum. ASCE Phoenix Branch, Phoenix, AZ.
- 17 How do we choose where to live? (2019). *Teaching Old Models New Tricks (TOMNeT) University Transportation Center Leadership Webinar*.
- 16 Do electric vehicles need subsidies? (2018). *ASU LightWorks Seminar*, Tempe, AZ. Joint with Hanna Breetz.
- 15 Can location value capture pay for transit? Organizational challenges of transforming theory into practice. (2016). *Portland State University Transportation Seminar*, Portland, OR.
- 14 Estimating pedestrian and cyclist activity at the neighborhood scale. (2015). *ASU Transportation Seminar*, Tempe, AZ.
- 13 Location value capture opportunities for urban public transport finance. (2014). *UITP Policy Board Meeting*, Rio de Janeiro, Brazil.
- 12 Location value capture opportunities for urban public transport finance. (2014). *Transit Leadership Summit*. London, UK.

- 11 Quantifying the effect of local government actions on VMT. (2014). *California Air Resources Board Research Seminar/Webinar*, Sacramento, CA.
- 10 Estimating total miles walked and biked by census tract in California. (2013). *Caltrans Planning Horizons Forum*, Sacramento, CA.
- 9 A comparison of estimates of household vehicle miles traveled in Los Angeles + New evidence on reducing vehicle miles traveled. (2013). *NextSTEPS Seminar*, Davis, CA.
- 8 Do public transit investments promote economic development? Evidence from Bogotá. (2011). *UC Davis Sustainable Transportation Center Webinar*.
- 7 Cities, cars, and climate change. (2010). Seminar speaker at Carleton College, Northfield, MN.
- 6 Measurement and attribution of vehicle miles traveled and greenhouse gas emissions. (2010). *UCLA Measuring Progress Symposium*, Los Angeles, CA. Joint with Adam Millard-Ball.
- 5 The social dimensions of urban travel in Nairobi: Insights and Opportunities. (2009). Series of four seminars given to policymakers and stakeholders in Nairobi, Kenya. Joint with Eric Aligula Magolo.
- 4 Does public transit benefit the poor? Evidence from Bogotá. (2008). *Institute of Transportation Studies at Davis Seminar*, Davis, CA.
- 3 Transportation planning in Nairobi, Kenya: Why hasn't it worked? (2006). *Institute of Transportation Studies at Davis Seminar*, Davis, CA.
- 2 Cars and the city? A model of the determinants of auto ownership and use in New York City. (2005). *Pan-American Studies Institute*, Querétaro, Mexico.
- 1 Baseline calculation for transport projects under the Clean Development Mechanism and Joint Implementation. (2003). *Transport Clean Development Mechanism/Joint Implementation Workshop*, Japanese Ministry of Land, Infrastructure, and Transport, Tokyo, Japan.

INVITED PANELIST

- 7 Car dependence and neighborhood affordability. (2016). Invited panelist, *Association of Collegiate Schools of Planning Conference*, Portland, OR.
- 6 Explorations of the heterogeneity of car use. (2015). Invited panelist, *American Association of Geographers Annual Meeting*, Chicago, IL.
- 5 Session title: How to best design and implement better access in cities? (2014). Invited discussant. *Transforming Access, Mobility, and Delivery in Cities*. New York, NY.
- 4 Session title: Land use and travel behavior. (2011). Invited panelist, *ITS-Davis 20th Anniversary celebration*, Davis, CA.
- 3 Transport sector CO₂ measurement strategies: Musings from the California context. (2009). Invited panelist, *Transportation Research Board Annual Meeting*, Washington DC.

- 2 Invited discussant. (2003). *Sustainable Transport Analysis and Research (STAR) and Sustainable Transport in Europe and Links and Liaisons with America (STELLA) Workshop*, Santa Barbara, CA.
- 1 Invited participant. (2001). *UNEP/IEA/OECD Expert Workshop*, Roskilde, Denmark.

CONFERENCE PANELS ORGANIZED

- 4 How do we choose where we live? (2019). *American Association of Geographers Annual Meeting*, Washington, DC.
- 3 Transportation Futures, Energy, and Climate Change: Translating Research into Policy in California. (2016). *American Association of Geographers Annual Meeting*, San Francisco, CA.
- 2 Vehicle Odometers and Other Novel Methods of Examining Car Ownership and Usage. (2016). *American Association of Geographers Annual Meeting*, San Francisco, CA.
- 1 Equity Challenges in Urban Transport and Housing. (2015). *American Association of Geographers Annual Meeting*, Chicago, IL.

CONFERENCE PRESENTATIONS

- This list includes only presentations (both lectern and poster) that I personally gave.
 - Co-authors marked with an asterisk (*) are graduate students I supervised.
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- 45 Shop 'til you drop (off your kids at school): Accurate representations of trip chaining in shopping travel simulation models. (2022). *Sustainability and Emerging Transportation Technology Conference*, Irvine, CA.
- 44 Emerging mobility services, car ownership, and urban transport sustainability in the US. (2022). *Sustainability and Emerging Transportation Technology Conference*, Irvine, CA.
- 43 How stable are transport-related attitudes over time? (2022). *Transportation Research Board Annual Meeting*, Washington, DC.
- 42 The effects of the COVID-19 pandemic on telecommuting in the United States. (2022). *Transportation Research Board Annual Meeting*, Washington, DC.
- 41 The effects of the COVID-19 pandemic on telecommuting in the United States. (2021). *North American Regional Science Association Annual Meeting*, Online.
- 40 The effects of the COVID-19 pandemic on telecommuting in the United States. (2021). *Association of Collegiate Schools of Planning*, Online.
- 39 Forecasting the "Stickiness" of Pandemic-Era Travel Behavior Changes. (2021). *Transportation Research Board Annual Meeting*, Online. Joint with Ram Pendyala.
- 38 The role of transport in how we choose where to live: A qualitative investigation of residential location choice. (2020). *Association of Collegiate Schools of Planning*, Online. Joint with Elyse Kats*.
- 37 How will the COVID-19 pandemic affect the future of transport? (2020). *Bridging Transport Researchers Conference*, Online.

- 36 How do we choose where to live? (2019). *American Association of Geographers Annual Meeting*, Washington, DC.
- 35 Variation in the cost of car ownership in the United States. (2019). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Matthew Conway*.
- 34 Commuting in urban Kenya: Insights from a large household survey. (2019). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Sumila Gulyani.
- 33 Commuting in urban Kenya: Insights from a large household survey. (2018). *Association of Collegiate Schools of Planning Conference*, Buffalo, NY. Joint with Sumila Gulyani.
- 32 Heterogeneity in the relationship between biking and the built environment. (2018). *International Association of Travel Behavior Researchers Conference*, Santa Barbara, CA. Joint with Matthew Conway*, Kailai Wang*, and Nathaniel Roth.
- 31 Does informal transit complement or compete against formal transit? Case study of commuter vans in Eastern Queens, New York. (2018). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Catherine Musili*.
- 30 A geographical analysis of pass through truck traffic in the US. (2018). *Transportation Research Board Annual Meeting*, Washington DC. Joint with David King and Arnold Maltz.
- 29 Do electric vehicles need subsidies? A comparison of ownership costs for conventional, hybrid, and electric vehicles. (2018). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Hanna Breetz.
- 28 Do electric vehicles need subsidies? A comparison of ownership costs for conventional, hybrid, and electric vehicles. (2017). *Transportation, Energy, Environment, and Economy (TE3) Conference*, Ann Arbor, MI. Joint with Hanna Breetz.
- 27 Pavement condition and residential property values: A spatial hedonic price model for Solano County, CA. (2017). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Kihwan Seo*, Fraser Shilling, and Michael Kuby.
- 26 The relationship between bicycling and the built environment revisited: New evidence from California. (2017). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Kailai Wang*, Nathaniel Roth, and Susan Handy.
- 25 Identifying neighborhood types in the United States. (2016). *Association of Collegiate Schools of Planning Conference*, Portland, OR. Joint with Nathaniel Roth*.
- 24 Odometer data from California. (2016). *American Association of Geographers Annual Meeting*, San Francisco, CA.
- 23 Identifying neighborhood types in the United States. (2016). *American Association of Geographers Annual Meeting*, San Francisco, CA. Joint with Nathaniel Roth*.
- 22 A spatial analysis of housing and transportation affordability in Los Angeles County. (2016). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Evelyn Blumenberg, Trevor Thomas, Jeffrey Williams, and JayLee Tuil*.

- 21 Safety in numbers (for pedestrians and cyclists) or Numbers with Safety? (2015). *Association of Collegiate Schools of Planning Conference*, Houston, TX.
- 20 Identifying place types in the United States. (2015). *Conference on Complex Systems*, Tempe, AZ. Joint with Nathaniel Roth*.
- 19 A spatial analysis of housing and transportation affordability in Los Angeles County. (2015). *American Association of Geographers Annual Meeting*, Chicago, IL. Joint with Evelyn Blumenberg, Trevor Thomas, Jeffrey Williams, and JayLee Tuil*.
- 18 Opportunities for value capture to fund public transport: A comprehensive review of the literature with a focus on East Asia. (2012). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Sharon Shewmake.
- 17 How do local actions affect VMT? A critical review of the empirical evidence. (2012). *Transportation Research Board Annual Meeting*, Washington DC. Joint with Marlon Boarnet, Susan Handy, Steven Spears, and Gil Tal.
- 16 Reducing greenhouse gas emissions through local government action: Case studies of eight California cities. (2011). *Association of Collegiate Schools of Planning Conference*, Salt Lake City, UT. Joint with Sinnott Murphy*.
- 15 Reducing greenhouse gas emissions through local government action: Case studies of eight California cities. (2010). *Behavior, Energy, and Climate Change Conference*, Sacramento, CA. Joint with Sinnott Murphy*.
- 14 Do public transit investments promote economic development? Evidence from Bogotá. (2009). *Association of Collegiate Schools of Planning Conference*, Washington DC. Joint with Darby Jack and David Heres.
- 13 Transportation, land use, and preferences: A case study of metropolitan New York. (2008). *Urban Affairs Association Conference*, Baltimore, MD
- 12 Travel 'choices' of slum residents in Nairobi, Kenya. (2008). *Transportation Research Board Annual Meeting*, Washington, DC. Joint with Sumila Gulyani.
- 11 Transportation, land use, and preferences: A case study of metropolitan New York. (2007). *Association of Collegiate Schools of Planning Conference*, Milwaukee, WI.
- 10 Spatial scenario analysis using discrete choice models with GIS: A case study of transport choices in New York City. (2007). *Transportation Research Board Annual Meeting*, Washington, DC.
- 9 Understanding spatial patterns of behavioral response to policy change. (2006). *Association of Collegiate Schools of Planning Conference*, Fort Worth, TX.
- 8 Cars and the city? A model of the determinants of auto ownership and use for commuting in New York City with endogenous choice of residential location. (2006). *Transportation Research Board Annual Meeting*, Washington, DC.
- 7 Walk trips, car ownership, and residential location choice in New York City: A study of the interrelated nature of decisions. (2005). *Association of Collegiate Schools of Planning Conference*, Kansas City, MO.

- 6 Transport and residential choice patterns of urban residents: a study of walking behavior and car ownership in New York City. (2005). *Robert Wood Johnson Foundation's Active Living Research Conference*, San Diego, CA.
- 5 What, if anything, do photos tell us that statistics do not? (2004). *University of California Transportation Center Student Conference*, Davis, CA.
- 4 Cars and the city: A simple story of car ownership and use in NYC using GIS, Census, and NPTS data. (2003). *University of California Transportation Center Student Conference*, Los Angeles, CA.
- 3 A multivariate analysis of carbon emissions from urban transport. (2002). *Transportation Research Board Annual Meeting*, Washington, DC.
- 2 Personal transportation and an upstream carbon emissions trading policy. (2000). *Transportation Research Board Annual Meeting*, Washington, DC.
- 1 Applying greenhouse gas emissions trading to the light-duty vehicle sector. (1999). *Transportation Research Board Annual Meeting*, Washington, DC. Joint with Daniel Dudek.

AWARDS

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| 2015 | Identifying place types in the United States, Best Poster Award for Infrastructure Track, Conference on Complex Systems, Tempe, AZ. Note that this is an international conference that happened to be hosted in Tempe in 2015. |
| 2006 | Friends of ITS-Davis Outstanding Dissertation Award. |

TEACHING AND MENTORING

Teaching:

Arizona State University (regular courses):

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| 2021 | Planning Theory (PUP 710) |
| 2020-2022 | Transportation and the Environment (PUP430, undergraduate elective through ASU Online) |
| 2020-2022 | Transportation and the Environment (PUP550, graduate elective through ASU Online) |
| 2016-2017, 2019-2020 | Transportation and the Environment (PUP550, graduate elective) |
| 2016 – 2022 | Planning Methods (PUP424, undergraduate core) |
| 2015 – 2022 | Urban and Regional Economic Analysis (PUP642, graduate core) |
| 2015 | Geographic Research Methods (GCU496, undergraduate core) |
| 2015 | Graduate Seminar in Transportation Policy (PUP591, graduate elective) |

Arizona State University (additional small group courses):

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| 2021 | Pedestrian Safety in Phoenix (graduate/undergraduate) |
| 2019 | Attitudes and Travel Behavior (graduate/undergraduate) |
| 2016 | Transit-Oriented Development and Affordable Housing (graduate) |

University of California, Davis, Instructor:

2014	Travel Survey Methods and Research Design (graduate)
2009, 2010, 2013, & 2014	Applied (Social Science) Research Methods (undergraduate)
2011 & 2012	Urban Economics (graduate)
2009	Urban and Regional Planning (undergraduate)
2005 & 2009	Transport Policy (undergraduate + graduate)

University of California, Davis, Teaching Assistant:

2004	Applied (Social Science) Research Methods (undergraduate)
2003	Transport Policy (undergraduate + graduate)
2002	Intermediate Microeconomics (undergraduate)

Mentoring:**Chair of Committee, PhD Student:**

2021-	Nicole Corcoran, ASU Urban Planning
2017-2021	Matthew Bhagat-Conway, ASU Geography (now Assistant Professor, University of North Carolina Chapel Hill)

Chair of Committee, Master's Thesis:

2015-2017	Catherine Musili, ASU Urban and Environmental Planning (now Sustainable Energy PhD student, ASU)
2015-2016	Andrew McIntyre, ASU Sustainability (now Transportation Planner, Jacobs Engineering, Phoenix, AZ)
2014-2015	Kailai Wang, ASU Urban and Environmental Planning (now Assistant Professor, University of Houston)
2008-2011	Sinnott Murphy, UC Davis Transportation, Technology, and Policy (now Power systems research engineer at the National Renewable Energy Laboratory, Golden, CO)

Chair of Committee, Master's Applied Project:

2019-2020	Michael Schwartz, ASU Urban and Environmental Planning (now Transportation Planner at AECOM)
2019-2020	Chloe Durfee-Sherman, ASU Urban and Environmental Planning
2019-2020	Brian Peck, ASU Urban and Environmental Planning (now Planner at WSP)
2016	Joseph Meisenheimer, ASU Urban and Environmental Planning (now Associate Planner, City of Chelan, WA)
2016-2017	Harold Archer, ASU Urban and Environmental Planning (now Transportation Planner, Wilson & Company, Inc., Phoenix, AZ)

Member of Committee, PhD:

2021-present	Tassio Magassy, ASU Civil Engineering
2020-present	Shuyao Hong, ASU Geography
2020-present	Leah Kunkel, ASU Sustainable Energy
2019-2021	Denise Capasso da Silva, ASU Civil Engineering (now Senior Engineering Designer, Y2K Engineering, Mesa, AZ)
2017-present	Catherine Musili, ASU Sustainable Energy

- 2017-2020 Jamey Volker, UC Davis Transportation, Technology, and Policy (now Postdoctoral Researcher, ITS-Davis, Davis, CA)
- 2017 Kayleigh Campbell, Columbia University Sustainable Development (now Operations Officer, ieConnect Transport Research Group, World Bank Group, Washington, DC)
- 2014-2016 Kihwan Seo, ASU Geography (now Associate Research Fellow, Korea Research Institute for Human Settlements, Sejong City, Korea)
- 2010-2012 Yan Xing, UC Davis Transportation, Technology, and Policy (now Postdoctoral Researcher, China Center for Energy and Transportation, ITS-Davis, Davis, CA)

Member of Committee, Master’s Thesis:

- 2021-2022 Mohamed Albastaki, ASU Urban and Environmental Planning
- 2020 Drew Taplin, ASU Urban and Environmental Planning
- 2018 Wencong Cui, ASU Urban and Environmental Planning (now Geography PhD student, Texas A&M University, College Station, TX)
- 2016 Christopher Hoehne, ASU Civil Engineering (now Postdoctoral Researcher - Computational Sciences at National Renewable Energy Laboratory, Golden, CO)
- 2016 Sizhe Wang, ASU Geography
- 2013-2015 Rodney Brown, UC Davis Transportation, Technology, and Policy (now Senior Transportation Planner, Fehr & Peers, Nevada City, CA)
- 2013-2015 Farzad Alemi, UC Davis Transportation, Technology, and Policy (now Postdoctoral Researcher, ITS-Davis, Davis, CA)
- 2007 Kay Cheng, Columbia University Urban Planning (now Director, Infrastructure Initiatives, Spin Electric Scooter Sharing, San Francisco, CA)

Member of Committee, Master’s Applied Project:

- 2022- ASU Urban and Environmental Planning (Sara Pimentel)
- 2019-2020 ASU Urban and Environmental Planning (Rio de Leon)
- 2019 ASU Urban and Environmental Planning (Monika Mlynarska, now Associate Transportation Planner in Scott County, MN)
- 2019 ASU Urban and Environmental Planning (Maggie Dellow)
- 2018 ASU Urban and Environmental Planning (Shelby Leachet, now at Bureau of Land Management, Yuma District Office, Yuma, AZ)

Transportation Certificate Capstone Projects:

- 2021 Annie Eldon
- 2017 Catherine Musili, Harold Archer, Yang Song, Brandon Ruiz
- 2016 William Terrance, Allison Shinn

Undergraduate Mentoring:

- 2022 Adviser for undergraduate Honor’s thesis, ASU (Mary Ayna Regorgo)
- 2021 National Science Foundation Research Experience for Undergraduates (Adam Costello, Holden Weisman)
- 2021 Undergraduate research supervisor, SURE program (Sierra Ross, Alyson Hulet, Chelsey Aubol Srnsky, Adam Costello)
- 2020-2021 Adviser for undergraduate Honor’s thesis, ASU (Laura Mirtich)
- 2019-2020 Undergraduate research supervisor (Nathan Harness, Alexis Ross, Laura Mirtich)

2019	Reader for undergraduate Honor's thesis, ASU Sustainability (Josh Barro)
2017-2019	Adviser for undergraduate Honor's thesis, ASU Sustainability (Elyse Kats)
2017-2019	Reader for undergraduate Honor's thesis, ASU Sustainability (Kathryn Cuiffo)
2015-2016	ASU School of Sustainability Undergraduate Academy Program Mentor (Brandon Ruiz)
2014-2015	Reader for undergraduate Honor's thesis, ASU Sustainability (Sarah Spencer)

SERVICE TO PROFESSION

Editorial Board Membership:

- 2017- *Transportation Research Part D: Transport and Environment*
- 2016- *Journal of Transport Geography*

Editor Service:

- 2021 Guest Co-editor, special issue of *Transportation Research Part D: Transport and Environment*
- 2019- Handling Editor, *Transportation Research Record*
- 2015 Guest Co-editor, special issue of *Research in Transportation Economics*

Reviewing Service 2008-present (>100 journal reviews, >30 conference reviews, >10 external grant proposal reviews)

General Science Journals:

Proceedings of the National Academy of Sciences; Nature; Environmental Science and Technology

Economics Journals:

Networks and Spatial Economics; Ecological Economics; Journal of Environmental Economics and Management

Environment, Planning, and Geography Journals:

Journal of the American Planning Association; Sustainability; Computers, Environment, and Urban Systems; Geographical Analysis; Journal of Urbanism; Journal of Urban Planning and Development; Journal of Planning Education and Research; Journal of Regional Science; Urban Geography; Carbon Management; Environment and Planning A

Transportation Journals:

Transportation Research Part D: Transport and Environment; Journal of Transport Geography; Accident Analysis and Prevention; Journal of Transportation and Land Use; Journal of Transport and Health; Journal of Public Transportation; Transportation Research Part A: Policy and Practice; Transport Policy; International Journal of Sustainable Transportation; Transportation; Transport Reviews; Transportation Research Record

Transportation Conferences:

Transportation Research Board Annual Meeting; Bridging Transport Researchers Conference; Conference on Transportation, Energy, Economics, and the Environment; World Symposium of Transport and Land Use Research; World Conference on Transport Research

Invited External Reviewer, Proposals and Reports:

National Science Foundation; World Bank Development Impact Evaluation Unit; Research Foundation – Flanders (Fonds Wetenschappelijk Onderzoek - Vlaanderen, FWO); Royal Society of

New Zealand Marsden Fund; Social Sciences and Humanities Research Council of Canada; California Air Resources Board; METTRANS Transportation Center; NCST Transportation Center; NITC Transportation Center; UC Davis PhD student Dissertation Fellowships

DEPARTMENTAL/SCHOOL-LEVEL SERVICE

2022-present	Chair, Personnel Committee, ASU School of Geographical Sciences and Urban Planning
2022-present	Member, Research Advancement Committee, ASU School of Geographical Sciences and Urban Planning
2021-2022	Member, Personnel Committee, ASU School of Geographical Sciences and Urban Planning
2020-2021	Member, Search Committee for Director of ASU School of Geographical Sciences and Urban Planning
2019-2021	Member, Awards Committee, ASU School of Geographical Sciences and Urban Planning
2019-2020	Chair, Search Committee for Southwest Borderlands Initiative faculty search, ASU School of Geographical Sciences and Urban Planning and ASU School of Transborder Studies
2017-2018	Member, Search Committee for Quantitative Research Methods faculty search, ASU School of Geographical Sciences and Urban Planning
2017, 2019, 2021-present	Member, MUEP Admissions Committee, ASU School of Geographical Sciences and Urban Planning
2016-	Organizer, TransportLab working group
2016-2017	Interim Director, Transportation Certificate Program, ASU School of Geographical Sciences and Urban Planning
2016-2017	Member, Search Committee for Assistant Professor of Environmental Planning, ASU School of Geographical Sciences and Urban Planning
2016-2018, 2019-2020	Member, Graduate Recruitment and Admissions Committee, ASU School of Geographical Sciences and Urban Planning
2016-2017	Member, Colloquium Committee, ASU School of Geographical Sciences and Urban Planning
2014-2016	Member, Urban Planning Graduate Policy Committee, ASU School of Geographical Sciences and Urban Planning
2015-2016	Member, Search Committee for Director of ASU School of Geographical Sciences and Urban Planning
2002	Student member, faculty search committee, UC Davis Agricultural and Resource Economics

OUTREACH ACTIVITIES

2019	Transport YOU outreach lecture to high school students
2018	Podcast interview, Talking Headways, Streetsblog, Federal Transit Administration
2018	PBS television interview, Arizona Horizon
2015-	Advisory board member, Streetwise Project, Portland, OR
2015	Invited speaker, Valley of the Sun Clean Cities Coalition event: Arizona's Future Transportation Needs, Phoenix, AZ

- 2015, 2018 KJZZ (Phoenix public radio) interviews
- 2011-12 Member, ICLEI's Transportation Technical Advisory Committee for its
Community-scale Greenhouse Gas Inventory Protocol
- 2008 Invited speaker/teacher for the Heads of Schools Program at the Klingenstein
Center, Columbia University Teachers College
- 2005 Participant in Pan-American Studies Institute - Transportation, Toluca and
Querétaro, Mexico
- 2004 Organizing committee member, UCTC graduate student conference, UC Davis
- 2003-04 Organizer, Brown Bag Seminar series in Agricultural and Resource Economics
Dept., UC Davis
- 2000 Organizing committee member, IGERT graduate student conference, UC Davis

PROFESSIONAL MEMBERSHIPS

- Association of Collegiate Schools of Planning
- American Association of Geographers
- Transportation Research Board
- World Society for Transport and Land Use Research