

CALVIN G. THIGPEN
POLICY RESEARCH MANAGER

JUNE 2019

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EDUCATION

- 2017** Ph.D. in Transportation Technology and Policy
University of California, Davis
Supervisor: Prof. Susan Handy
Thesis: *The Reciprocal Relationship between Children and Young Adults' Travel Behavior and Their Travel Attitudes, Skills, and Norms*
- 2014** M.S. in Transportation Technology and Policy
University of California, Davis
Supervisor: Prof. Susan Handy
Thesis: *Using a Stages of Change Approach to Explore Opportunities for Increasing Bicycle Commuting*
- 2011** B.S. in Evolution, Ecology, and Biodiversity (with honors)
University of California, Davis

PREVIOUS POSITIONS

- 2017-18** Post-doctoral Fellow, School of Geographical Sciences and Urban Planning,
Arizona State University
- 2018** Visiting Scholar, School of Health Sciences, Simon Fraser University
- 2017** Visiting Scholar, School of Technology, Policy and Management, Delft
University of Technology

PUBLICATIONS

Refereed Journal Articles

- 2019** Calvin Thigpen. "Barcodes, Virtual Money, and Golden Wheels: How Davis, CA schools encourage bicycling to school." *Case Studies on Transport Policy*.
<https://doi.org/10.1016/j.cstp.2019.02.005>

- 2019** Kelcie Ralph, Evan Iacobucci, **Calvin Thigpen**, and Tara Goddard. “Editorial Patterns in Bicyclist and Pedestrian Crash Reporting.” *Transportation Research Record: Journal of the Transportation Research Board*. <https://doi.org/10.1177/0361198119825637> (2019 TRB ANB 10 Outstanding Paper)
- 2019** Yan Kestens, Meghan Winters, Daniel Fuller, Scott Bell, Janelle Berscheid, Ruben Brondeel, Michael Cantinotti, Geetanjali Datta, Lise Gauvin, Margot Gough, Karen Laberee, Paul Lewis, Sébastien Lord, Hui (Henry) Luan, Heather McKay, Catherine Morency, Nazeem Muhajarine, Trisalyn Nelson, Callista Ottoni, Zoe Poirier Stephens, Caitlin Pugh, Gabrielle Rancourt, Martin Shareck, Joanie Sims-Gould, Meridith Sones, Kevin Stanley, Benoit Thierry, **Calvin Thigpen** and Rania Wasfi. “INTERACT: A comprehensive approach to assess urban form interventions through natural experiments.” *BMC Public Health*. <https://doi.org/10.1186/s12889-018-6339-z>
- 2018** **Calvin Thigpen**. “Measurement Validity of Retrospective Survey Questions of Bicycling Behavior, Attitudes, and Skills.” *Transportation Research Part F*. <https://doi.org/10.1016/j.trf.2018.11.002>
- 2018** **Calvin Thigpen** and Susan Handy. “The Effects of Building a Stock of Bicycling Experience in Youth.” *Transportation Research Record: Journal of the Transportation Research Board*. <https://doi.org/10.1177/0361198118796001> (2018 TRB ANF 20 Outstanding Paper)
- 2018** **Calvin Thigpen**. “Do Bicycling Experiences and Exposure Influence Bicycling Skills and Attitudes? Evidence from a bicycle-friendly university.” *Transportation Research Part A (special issue)*. <https://doi.org/10.1016/j.tra.2018.05.017> (Impact Factor: 3.02, 10th ranked journal in Transportation)
- 2018** **Calvin Thigpen**. “Giving parking the time of day: A case study of a novel parking occupancy measure and an evaluation of infill development and carsharing as solutions to parking oversupply.” *Research in Transportation Business & Management (special issue)*. <http://dx.doi.org/10.1016/j.rtbm.2018.03.003>
- 2018** **Calvin Thigpen** and Susan Handy. “Driver’s Licensing Delay: A Retrospective Study of the Impact of Attitudes, Parental and Social Influences, and Intergenerational Differences.” *Transportation Research Part A*. <https://doi.org/10.1016/j.tra.2018.03.002> (Impact Factor: 3.02, 10th ranked journal in Transportation)
- 2018** Susan Handy and **Calvin Thigpen**. “Commute quality and its implications for commute satisfaction: Exploring the role of mode, location, and other factors.” *Travel Behavior & Society*. <http://dx.doi.org/10.1016/j.tbs.2018.03.001> (Impact Factor: 2.73, 16th ranked journal in Transportation)

- 2017** Calvin Thigpen and Jamey Volker. “Repurposing the Paving: The case of surplus residential parking in Davis, CA.” *Cities: The International Journal of Urban Policy and Planning*. <http://dx.doi.org/10.1016/j.cities.2017.06.020> (Impact Factor: 2.89, 2nd ranked journal in Urban Studies)
- 2017** Kevin Fang and Calvin Thigpen. “Transportation policy at the ballot box.” *Transportation Research Record: Journal of the Transportation Research Board*. <http://dx.doi.org/10.3141/2605-09> (2017 TRB ADD 30 Outstanding Paper)
- 2016** Dillon Fitch, Calvin Thigpen, and Susan Handy. “Traffic stress and bicycling to elementary and junior high school: Evidence from Davis, California.” *Journal of Transport and Health*. <http://dx.doi.org/10.1016/j.jth.2016.01.007>
- 2016** Dillon Fitch, Calvin Thigpen, and Susan Handy. “Modeling Bicycling to Elementary and Junior High School Using Bike Rack Counts.” *Transportation Research Record: Journal of the Transportation Research Board*. <http://dx.doi.org/10.3141/2587-09>
- 2015** Calvin Thigpen, Hui Li, Susan Handy, and John Harvey. “Modeling the Impact of Pavement Roughness on Bicycle Ride Quality.” *Transportation Research Record: Journal of the Transportation Research Board*. <http://dx.doi.org/10.3141/2520-09>
- 2015** Calvin Thigpen, Brigitte Driller, and Susan Handy. “Using a Stages of Change Approach to Explore Opportunities for Increasing Bicycle Commuting.” *Transportation Research Part D*. <http://dx.doi.org/10.1016/j.trd.2015.05.005> (Impact Factor: 2.92, 11th ranked journal in Transportation)
- 2014** Bret Beheim, Calvin Thigpen, and Richard McElreath. “Strategic Social Learning and the Population Dynamics of Human Behavior: the game of Go.” *Evolution and Human Behavior*. <http://dx.doi.org/10.1016/j.evolhumbehav.2014.04.001> (Impact Factor: 3.38, 9th ranked journal in Behavioral Sciences)

Manuscripts Under Review

Calvin Thigpen, Meghan Winters, Suzanne Therrien, Daniel Fuller, Lise Gauvin, and Trisalyn Nelson. “Who is ready to bicycle?: Categorizing and mapping bicyclists with behavior change theory.” *Transport Policy*.

Marie-Soleil Cloutier, Calvin Thigpen, and Colin Ferster. “#VisionZero in Canada: What can we learn from Twitter when it comes to road safety initiatives?” *Cities*.

Alvaro Rodriguez- Valencia, Cristian Vinasco, Daniel Rosas-Satizabal, and Calvin Thigpen. “Travel Attitudes and Mode Choice During Bogotá’s Car-Free Day.” *Transportation Research Part D*.

Manuscripts In Preparation

Calvin Thigpen, Colin Ferster, Trisalyn Nelson, Meghan Winters, and Rebecca Sanders. “Bike Comfort.” *Transport Reviews*.

Colin Ferster, Karen Laberee, Trisalyn Nelson, **Calvin Thigpen**, Michael Simeone, and Meghan Winters. “From advocacy to acceptance: social media discussions of protected bike lanes installations.” *Transport Policy*.

Calvin Thigpen, Trisalyn Nelson, Colin Ferster, Karen Laberee, and Meghan Winters. “The Impact of Near Misses and Collisions on Bicyclist Behavior.” *Urban Studies*.

Julia Janke, **Calvin Thigpen**, Susan Handy. “Examining the Effect of Life-Course Events on Modality Type and the Moderating Influence of Life Stage.” *Transportation*.

Reports and Other Publications

- 2019** “Brisbane’s First Million Scooter Rides Are Changing Urban Mobility In Queensland.” *Lime 2nd Street*. <https://www.li.me/second-street/brisbane-million-scooter-rides-changing-urban-mobility-queensland>
- 2019** “Brussels Is Leading The Way In E-Scooter Safety Awareness, Survey Finds.” *Lime 2nd Street*. <https://www.li.me/second-street/brussels-leading-way-e-scooter-safety-awareness-survey-finds>
- 2019** “Lime Celebrates 50 Million Rides In 18 Months.” *Lime 2nd Street*. <https://www.li.me/second-street/lime-celebrates-50-million-rides-in-18-months>
- 2019** “Nearly 40% Of St. Louis Lime Riders Use Electric Scooters To Replace Car Rides.” *Lime 2nd Street*. <https://www.li.me/second-street/nearly-40-percent-st-louis-electric-scooters-replace-car-rides>
- 2019** “Nearly 1/4 Million Parisians Are Using Dockless Electric Scooters, Study Finds.” *Lime 2nd Street*. <https://www.li.me/second-street/quarter-million-parisians-using-dockless-electric-scooters-study-finds>
- 2019** “New Lime Report Highlights Diversity Of Electric Scooter Riders.” *Lime 2nd Street*. <https://www.li.me/second-street/new-lime-report-highlights-diversity-electric-scooter-riders>
- 2019** “In Mexico City, New Data Shows Strong Link Between Lime And Public Transit.” *LimeNews*. <https://www.li.me/blog/mexico-city-data-link-lime-public-transit>
- 2019** “Latest Data Show Lime Attracts New Riders To Active Transportation, Reduces Car Use And More.” *LimeNews*. <https://www.li.me/blog/latest-data-lime-attracts-new-riders-reduces-car-use-more>

- 2018** “2018 Year-End Report.” *LimeNews*. https://www.li.me/hubfs/Lime_Year-End%20Report_2018.pdf
- 2017** Dillon Fitch, **Calvin Thigpen**, Antonio Cruz, and Susan Handy. “A San Francisco Case Study: What Bicycle Investments Have the Greatest Influence on Where People Ride?” *National Center for Sustainable Transportation Policy Brief*.
- 2017** Hui Li, Jeffrey Buscheck, John Harvey, Dillon Fitch, Darren Reger, Rongzong Wu, Robby Ketchell, Jesus Hernandez, Bruce Haynes, and **Calvin Thigpen**. “Development of Recommended Guidelines for Preservation Treatments for Bicycle Routes.” *UC Davis Pavement Research Center*.
- 2016** Eric Gudz, Drew Heckathorn, and **Calvin Thigpen**. “Results of the 2015-16 Campus Travel Survey.” *Institute of Transportation Studies, University of California, Davis*.
- 2016** Dillon Fitch, **Calvin Thigpen**, Antonio Cruz, and Susan Handy. “Bicyclist Behavior in San Francisco: A Before-and-After Study of the Impact of Infrastructure Investments.” *National Center for Sustainable Transportation Research Report*.
- 2015** **Calvin Thigpen**. “Results of the 2014-15 Campus Travel Survey.” *Institute of Transportation Studies, University of California, Davis*.
- 2013** Hui Li, John Harvey, **Calvin Thigpen**, and Rongzong Wu. “Surface Treatment Macrotexture and Bicycle Ride Quality.” *UC Davis Pavement Research Center*.
- 2013** Hui Li, John Harvey, Rongzong Wu, **Calvin Thigpen**, Stefan Louw, Zhang Chen, Jeremy Lea, David Jones, and Arash Rezaie. “Measurement of Macrotexture on Surface Treatments and Survey of Bicyclist Ride Quality on Mon-198 and SLO-1 Test Sections.” *UC Davis Pavement Research Center*.
- 2013** Natalie Popovich and **Calvin Thigpen**. “Combating Congestion: Applications of Variable Pricing Schemes.” *UCTC Research Synthesis*.

AWARDS, GRANTS, AND SCHOLARSHIPS

Grants and Fellowships

- 2018-19** “Crowdsourcing to Improve ASU Student and Employee Bicyclist Safety for Sustainable Transportation.”
ASU Sustainable Initiatives Revolving Fund, Tier 1
PI: Calvin Thigpen
(\$5,000)

- 2016-17** “Bicyclist Behavior in San Francisco: A Before-and-After Study of the Impact of Infrastructure Investments.”
National Center for Sustainable Transportation
PI: Prof. Susan Handy
(\$57,000 - Note: as a PhD student, I was ineligible to be listed as an investigator)
- 2016-17** Dwight D. Eisenhower Graduate Fellowship
(\$11,500)
- 2016-17** National Center for Sustainable Transportation Dissertation Fellowship
(\$25,000)
- 2015-16** Dwight D. Eisenhower Graduate Fellowship
(\$5,000)
- 2015-16** UC Davis Jarena Wright Fellowship
(\$11,500)
- Awards**
- 2019** TRB ANB 10 (Transportation Safety Management) Committee’s Outstanding Paper Award, for “*Editorial Patterns in Bicyclist and Pedestrian Crash Reporting*”
- 2018** TRB Fred Burggraf Award for Excellence in Transportation Research by Researchers 35 Years of Age or Younger, for “*Transportation Policy at the Ballot Box*” (\$1,000 prize & \$1,400 travel award)
- 2018** TRB ANF 20 (Bicycle Transportation) Committee’s Outstanding Paper Award, for “*The Effects of Building a Stock of Bicycling Experiences in Youth*”
- 2017** TRB ADD 30 (Land Development and Transportation) Committee’s Outstanding Paper Award, for “*Transportation Policy at the Ballot Box*”
- 2015** Stanford Precourt Energy Efficiency Center Precourt Fellowship
- 2015** Lee Schipper Memorial Scholarship Semi-Finalist
- 2014** Institute of Transportation Studies BMW Corporate Affiliate Fellowship
(\$1,500)
- 2014, 15** Institute of Transportation Studies Travel Award
(\$1,000 x 2)
- 2013** University of California Transportation Center Research Synthesis
(\$3,500)

PRESENTATIONS**Conference Panels Organized**

- 2019** “Micromobility: What is it, and how can the public and private sectors work together to achieve environmental, equity, and other policy goals?” *2nd National Urbanism Next Conference*. Portland, OR.
- 2019** “Mulling Over Micromobility: A Research Brainstorming Session.” *8th Annual TransportationCamp DC*. Washington, D.C.
- 2018** “Bicycles in Space: Using geographical techniques to advance our understanding of bicycling.” *American Association of Geographers 2018 Annual Meeting*. New Orleans, LA.
- 2017** “Novel Methods in Bicycling Research.” *57th Annual Conference of the Association of Collegiate Schools of Planning*. Denver, CO.

Refereed Conference Papers

- 2019** **Calvin Thigpen**, Trisalyn Nelson, Colin Ferster, and Karen Laberee. “The Impact of Near Misses and Collisions on Bicyclist Behavior”. *98th Transportation Research Board Annual Meeting*, Washington DC.
- 2019** Julia Janke, **Calvin Thigpen**, and Susan Handy. “Examining the Effect of Life-Course Events on Modality Type and the Moderating Influence of Life Stage”. *98th Transportation Research Board Annual Meeting*, Washington DC.
- 2019** Kelcie Ralph, Evan Iacobucci, **Calvin Thigpen**, and Tara Goddard. “Editorial Patterns in Bicyclist and Pedestrian Crash Reporting”. *98th Transportation Research Board Annual Meeting*, Washington DC. (Iacobucci Presenter)
- 2019** Alvaro Rodriguez-Valencia, Cristian Vinasco, Daniel Rosas-Satizabal, and **Calvin Thigpen**. “Travel Attitudes and Mode Choice During Bogotá’s Car-Free Day”. *98th Transportation Research Board Annual Meeting*, Washington DC. (Vinasco Presenter)
- 2019** Marie-Soleil Cloutier, **Calvin Thigpen**, and Colin Ferster. “#VisionZero in Canada: What Can We Learn from Twitter When It Comes to Road Safety Initiatives?”. *98th Transportation Research Board Annual Meeting*, Washington DC. (Cloutier Presenter)
- 2018** **Calvin Thigpen**. “Measurement Validity of Retrospective Survey Questions of Bicycling Behavior, Attitudes, and Skills”. *97th Transportation Research Board Annual Meeting*, Washington DC.

- 2018** Calvin Thigpen. “Do Bicycling Experiences and Exposure Influence Bicycling Skills and Attitudes? Evidence from a Bicycle-Friendly University”. *97th Transportation Research Board Annual Meeting*, Washington DC.
- 2018** Calvin Thigpen. “From Peak Hour to Time of Day: A Case Study of a Novel Parking Occupancy Measure and an Evaluation of Infill Development and Carsharing as Solutions to Parking Oversupply”. *97th Transportation Research Board Annual Meeting*, Washington DC.
- 2018** Calvin Thigpen and Susan Handy. “The Effects of Building a Stock of Bicycling Experience in Youth”. *97th Transportation Research Board Annual Meeting*, Washington DC.
- 2018** Susan Handy and Calvin Thigpen. “Commute Quality: Exploring the Role of Mode and Other Factors Using the UC Davis Campus Travel Survey”. *97th Transportation Research Board Annual Meeting*, Washington DC.
- 2017** Calvin Thigpen and Rachel Hartsough. “Barcodes, Virtual Money, and Golden Wheels: How Davis, CA schools encourage bicycling to school”. *96th Transportation Research Board Annual Meeting*, Washington DC.
- 2017** Kevin Fang and Calvin Thigpen. “Transportation Policy at the Ballot Box”. *96th Transportation Research Board Annual Meeting*, Washington DC. (Fang Presenter)
- 2017** Calvin Thigpen and Jamey Volker. “Repurposing the Paving: Case of Surplus Residential Parking in Davis, California”. *96th Transportation Research Board Annual Meeting*, Washington DC. (Volker Presenter)
- 2017** Dillon Fitch, Calvin Thigpen, Antonio Cruz, and Susan Handy. “Bicyclist Behavior in San Francisco: A Before-and-After Study of the Impact of Infrastructure Investments”. *96th Transportation Research Board Annual Meeting*, Washington DC. (Fitch Presenter)
- 2016** Calvin Thigpen and Susan Handy. “Driver’s Licensing Delay: A Retrospective Study of the Impact of Attitudes, Parental and Social Influences, and Intergenerational Differences”. *95th Transportation Research Board Annual Meeting*, Washington DC.
- 2016** Dillon Fitch, Calvin Thigpen, and Susan Handy. “Modeling Bicycling to Elementary and Junior High School Using Bike Rack Counts”. *95th Transportation Research Board Annual Meeting*, Washington DC. (Fitch Presenter)
- 2015** Calvin Thigpen, Hui Li, and John Harvey. “Modeling the Impact of Pavement Roughness on Bicycle Ride Quality”. *94th Transportation Research Board Annual Meeting*, Washington DC.

- 2015** Rongzong Wu, Stefan Louw, Hui Li, John Harvey, **Calvin Thigpen**. “Bicycle Vibration and Pavement Ride Quality for Cyclists”. *94th Transportation Research Board Annual Meeting*, Washington DC. (Wu Presenter)
- 2014** **Calvin Thigpen**, Brigitte Driller, and Susan Handy. “Using a Stages of Change Approach to Explore Opportunities for Increasing Bicycle Commuting”. *93rd Transportation Research Board Annual Meeting*, Washington DC.

Refereed Conference Abstracts

- 2018** Kelcie Ralph, Evan Iacobucci, **Calvin Thigpen**, Tara Goddard. “Editorial Patterns in Bicyclist and Pedestrian Crash Reporting”. *58th Annual Conference of the Association of Collegiate Schools of Planning*, Buffalo, NY. (Iacobucci Presenter)
- 2018** **Calvin Thigpen**, Meghan Winters, Jaimy Fischer, Suzanne Therrien, Daniel Fuller, Lise Gauvin, David Whitehurst, and Trisalyn Nelson. “How perceptions of road safety influence bicycling intentions and behavior in Canadian cities”. *58th Annual Conference of the Association of Collegiate Schools of Planning*, Buffalo, NY.
- 2018** Kelcie Ralph, Evan Iacobucci, **Calvin Thigpen**, Tara Goddard. “Ethics in (Road Safety) Journalism: How Crash Reporting Controls the Narrative”. *Walk/Bike/Places 2018*, New Orleans, LA. (Goddard Presenter)
- 2018** **Calvin Thigpen**, Maarten Kroesen, and Susan Handy. “An exploration of the reciprocal relationships between bicycling attitudes, skills, and behavior on a college campus”. *15th International Conference on Travel Behavior Research*, Santa Barbara, CA.
- 2018** **Calvin Thigpen**, Meghan Winters, Jaimy Fischer, Suzanne Therrien, Daniel Fuller, Lise Gauvin, David Whitehurst, and Trisalyn Nelson. “How perceptions of road safety influence bicycling intentions and behavior in Canadian cities”. *Canadian Association of Road Safety Professionals*, Victoria, BC.
- 2018** Colin Ferster, Trisalyn Nelson, and **Calvin Thigpen**. “Using Twitter to understand how people talk about new protected bike lanes in two Canadian cities”. *Canadian Association of Road Safety Professionals*, Victoria, BC. (Ferster Presenter)
- 2018** **Calvin Thigpen** and Trisalyn Nelson. “Understanding Bicyclist Comfort through Big Data”. *American Association of Geographers’ Annual Meeting*, New Orleans, LA.
- 2018** Wencong Cui, Michael Kuby, **Calvin Thigpen**, and Deborah Salon. “Study on the Effects of Building Density on the Efficiency of Dockless Bike Sharing System: A Case Study of Beijing, China”. *American Association of Geographers’ Annual Meeting*, New Orleans, LA. (Cui Presenter)

- 2017** **Calvin Thigpen.** “From peak-hour to time-of-day: A case study of a novel parking occupancy measure”. *57th Annual Conference of the Association of Collegiate Schools of Planning*, Denver, CO.
- 2017** **Calvin Thigpen** and Susan Handy. “The Value of a College Education: Changes in Students’ Bicycling Skills & Attitudes at a Bicycle-Friendly University”. *57th Annual Conference of the Association of Collegiate Schools of Planning*, Denver, CO.
- 2017** **Calvin Thigpen** and Jamey Volker. “Repurposing the Paving: The case of surplus residential parking in Davis, CA”. *American Association of Geographers’ Annual Meeting*, Boston, MA.
- 2016** **Calvin Thigpen** and Susan Handy. “Building Teenagers’ Stocks of Bicycling Experience: Evidence from Davis, California”. *56th Annual Conference of the Association of Collegiate Schools of Planning*, Portland, OR.
- 2016** **Calvin Thigpen**, Hui Li, and John Harvey. “The Influence of Pavement Macrotecture and Roughness on Bicycle Ride Quality”. *56th Annual Conference of the Association of Collegiate Schools of Planning*, Portland, OR.
- 2016** Kevin Fang and **Calvin Thigpen.** “Transportation Policy at the Ballot Box”. *56th Annual Conference of the Association of Collegiate Schools of Planning*, Portland, OR. (Fang Presenter)
- 2016** Dillon Fitch, **Calvin Thigpen**, Antonio Cruz, and Susan Handy. “Bicyclist Behavior in San Francisco: A Before-and-After Study of the Impact of Infrastructure Investments”. *56th Annual Conference of the Association of Collegiate Schools of Planning*, Portland, OR. (Fitch Presenter)
- 2015** **Calvin Thigpen** and Susan Handy. “Intergenerational Differences in Driver’s Licensing Delay”. *9th Behavior, Energy, & Climate Change Conference*, Sacramento, CA.
- 2015** **Calvin Thigpen** and Susan Handy. “Driver’s Licensing Delay: A Retrospective Study to Explain Intergenerational Differences”. *14th International Conference on Travel Behaviour Research*, Old Windsor, UK.
- 2015** Dillon Fitch, **Calvin Thigpen**, and Susan Handy. “Traffic Stress and Bicycling to Elementary and Junior High School: Evidence from Davis, California”. *1st International Conference on Transport & Health*, London, UK.

Invited Talks

- 2019** Micromobility Panel, *CE 527: Sustainable Mobility*, Cal Poly San Luis Obispo, May.

- 2019** “Beyond Streets to Intersections and Districts: Hacking the Design of the Multi-Modal Street in the Autonomous Future,” *2nd National Urbanism Next Conference*, Portland, OR, May.
- 2019** “Innovation or Disruption? Electric Scooter Chronicles,” *American Planning Association’s National Planning Conference*, San Francisco, April.
- 2019** “Lime: Attracting New Audiences to Active Transportation, Reducing Car Dependence, and Demonstrating Demand for Protected Lane Infrastructure,” *Transportation Camp*, Washington, DC, January.
- 2018** “How perceptions of road safety influence bicycling intentions and behavior in Canadian cities,” *TransportLab Meeting*, Arizona State University, October.
- 2018** “Bicycling and Pedestrian Safety: the Impacts of Crashes and Near Misses and the Influence of Media Reporting,” *ASU Transportation Seminar*, September.
- 2018** “Bicycling Data and Spatial Analysis,” *Social, Economic, and Environmental (SEER) Knowledge Exchange Workshop*, May.
- 2018** “BikeMaps.org: Citizen Science for Safer Cycling,” *Phoenix Spokes People Meeting*, Phoenix, January.
- 2017** “Driver’s Licensing Delay,” *JTL Urban Mobility Lab Seminar*, Department of Urban Studies and Planning, Massachusetts Institute of Technology, April.
- 2017** “Power Analysis of Simulated Bicycle Crash Data,” *TransportLab Meeting*, School of Geographical Sciences and Urban Planning, Arizona State University, March.

TEACHING EXPERIENCE

Instructor of Record

Campus Transportation Planning (25 students)	ASU	Fall 2018
Applied Research Methods (50 students)	UC Davis	Winter 2017

Co-Instructor

Urban & Regional Planning (140 students)	UC Davis	Spring 2017
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Teaching Assistant

Urban & Regional Planning (140 students)	UC Davis	Spring 2014, 15, 16
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Workshop

2018 “Generalized Linear Models,” Cities, Health, & Active Transportation Research Lab, Faculty of Health Sciences, Simon Fraser University

Mentorship

Thesis committee member:

2017-18 Wencong Cui. **Study on the Effects of Building Density on the Efficiency of Dockless Bike Sharing System - A Case Study of Beijing, China.** M.S. Student. Arizona State University. School of Geographic Sciences and Urban Planning.

Thesis mentor:

2018	Kate Hosford	MS	Simon Fraser University
2018	Jaimy Fischer	MS	Simon Fraser University
2017-18	Avipsa Roy	PhD	Arizona State University
2017-18	Julia Janke	PhD	UC Davis

Internship mentor:

2017-18	Jad Hosn	MS	Arizona State University
2017	Eleni Jacobson	UG	UC Davis
2015-16	Antonio Cruz	UG	UC Davis
2014-15	Justin Perona	UG	UC Davis
2014-15	Amanda Deering	UG	UC Davis

WORK EXPERIENCE

2018-19 *Consultant (survey design, administration, and analysis)*, California S.B. 1-funded study: “Moving to Walkability? Stated and revealed behavior on the impacts of land use and travel demand management on mode choice” at Cal Poly San Luis Obispo, led by Prof. Carole Turley-Voulgaris

2014-15 *Survey Administrator (survey design, administration, and analysis)*, Campus Travel Survey for the UC Davis Transportation and Parking Services (TAPS)

2012 *Research Assistant (data entry and cleaning)*, Trip Generation Study in the Institute for Transportation Studies at UC Davis

2011-12 *Intern (data entry and cleaning, plan review)*, Conservation and Development Policies Plan at the state of Connecticut's Office of Policy and Management

2011-12 *Research Assistant (data cleaning and processing, analysis, manuscript editing)*, Go research study, conducted by Bret Beheim and Richard McElreath in the Department of Anthropology at UC Davis

PROFESSIONAL AND UNIVERSITY SERVICE**Service to Profession**

2018-present *Member of Transportation Research Board Committee on Bicycle Transportation*

Journal Manuscript Review

Journal of Transport Geography

Transportation Research Part A: Policy and Practice (*Outstanding Reviewer*)

Transport Policy

Transportation Research Part D: Transport and Environment (*Outstanding Reviewer*)

Travel Behaviour and Society

Transportation Research Part F: Traffic Psychology and Behavior (*Outstanding Reviewer*)

International Journal of Sustainable Transportation

Journal of Transport and Land Use

Urban Science

Journal of Transport and Health (*Outstanding Reviewer*)

Sustainability

Journal of Planning Education and Research

International Journal of Environmental Research and Public Health

Transactions in GIS

Research in Transportation Business & Management

Journal of Urban Technology

Journal of Traffic and Transportation Engineering

Transportation Research Record (*Women's Issues in Transportation, Bicycle Transportation, Pedestrians, Public Transportation Planning and Development, Transportation and Land Development*)

Department Service

Reviewed National Center for Sustainable Transportation dissertation fellowship proposals (2017, 2018)

Served as member of Spatial Analysis Research Center business committee (2017-present)

Co-organized the UC Davis Institute of Transportation Studies' inaugural orientation trip for incoming students (2013-14)

Wrote scripts in the R statistical programming language to facilitate subsequent administrators' analysis & writing (2014-15)

MEDIA COVERAGE

- ASU State Press Newspaper Article: "ASU researchers help forge the path for biking in Tempe"
 - <http://www.statepress.com/article/2018/02/sppolitics-asu-bike-intitative>
- Davis Vanguard Newspaper Article: "Analysis: New Data Demonstrates Fewer Students Have Access to a Vehicle"
 - <http://www.davisvanguard.org/2016/09/analysis-new-data-demonstrate-fewer-students-access-vehicle/>
- UC Davis News Article: "Survey shows more awareness of goClubbing"
 - <https://www.ucdavis.edu/news/survey-shows-more-awareness-goclubbing/>
- UNM Newsroom: "Experts listen to the crowd in making risky decisions"
 - <http://news.unm.edu/news/experts-listen-to-the-crowd-in-making-risky-decisions>

SPECIALIZED TRAINING**Workshops and Training**

Open Science

- *Practical Steps for Increasing Openness and Reproducibility*, 1-day workshop led by Ian Sullivan of the Open Science Framework (March 2018)

Computing Skills

- R, Stan, Python
- RMarkdown, Jupyter Notebooks
- ArcGIS
- MS Office Suite, Mendeley

Languages

- Intermediate ability to speak, write, and read in *Spanish*