

Kristina M. Currans, Ph.D.

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Tucson, Arizona 85716

EDUCATION

Portland State University <i>Major: Ph.D. in Civil Engineering; Focus: Transportation</i>	Portland, Oregon 2017
Portland State University <i>Major: M.S. in Civil Engineering; Focus: Transportation</i>	Portland, Oregon 2013
Oregon State University <i>Major: B.S. in Civil Engineering</i>	Corvallis, Oregon 2010

EMPLOYMENT & POSITIONS

2017-Present	Assistant Professor, Planning; School of Landscape Architecture and Planning University of Arizona
2017-Present	Clifton-Currans LLC, Principal
2015-Present	Consultant Work
2016-2017	National Institute of Transportation & Communities Dissertation Fellow
2011-2017	Dwight David Eisenhower Transportation Fellow
2010-2017	Graduate Research Assistant, Oregon Modeling Collaborative, Portland State University
2013-2014	Maseeh Graduate Fellow, Portland State University
2010-2011	Engineering Intern: Transportation Planning Analysis Unit, Oregon Department of Transportation

PROFESSIONAL CERTIFICATION

Engineering Intern Certification (E.I), No. 83709EI, Oregon State Board of Registration for Professional Engineers & Land Surveyors (2010)

DISSERTATION & THESIS

Currans, Kristina M. Issues in Urban Trip Generation. *Dissertation*. Paper 3778, August 2017. (Available online at: https://pdxscholar.library.pdx.edu/open_access_etds/3778/)

Currans, Kristina M. Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. *Masters Thesis*. Paper 987, September 2013. (Available online at: http://pdxscholar.library.pdx.edu/open_access_etds/987/)

PUBLICATIONS (* denotes student co-authors)

Refereed Journal Articles

1. Iroz-Elardo, Nicole; Currans, Kristina. Injury burden of introducing e-scooters: A systematic review of e-scooter injury studies using emergency department record review, 2015-2019. *Forthcoming, in copy editing.*

2. Currans, Kristina M.; Abou-Zeid, Gabriella*; Clifton, Kelly J.; Howell, Amanda*; Schneider, Robert. Improving Transportation Impact Analyses for Affordable Housing Developments: A Data Collection and Analysis of Trip Generation Data. *Cities*. Vol. 103 (2020). DOI: <https://www.sciencedirect.com/science/article/pii/S0264275119307048>
3. Currans, Kristina M; Abou-Zeid, Gabriella*; Iroz-Elardo, Nicole. Linking Residential Parking to Automobile Transportation Impact Outcomes at a Development-Level. *Transportation Research Record: Journal of the Transportation Research Board*. (2021). (Available online at: <https://journals.sagepub.com/eprint/4U8BYGCR28XMP7SVAQYI/full>).
4. Currans, Kristina M.; Nelson, Arthur C.; Chambers, Sam. (2019). A Framework to Operationalize a Deep and Vast Literature for Practice: Translating Land Value Uplift Literature to Estimate Economic Impacts of Multimodal Transportation System Projects. *Transportation Research Record: Journal of the Transportation Research Board of the National Academies*. (Available online at: <https://doi.org/10.1177/0361198119839979>).
5. Currans, Kristina M.; Clifton, Kelly J. (2018). Exploring ITE's *Trip Generation Handbook*: Assessing Age of Data and Land-Use Taxonomy in Vehicle Trip Generation for Transportation Impact Analysis. *Transportation Research Part A: Policy and Practice*. Vol 118, pp. 387-398. (Available online at: <https://doi.org/10.1016/j.tra.2018.09.007>).
6. Gehrke, Steven R.; Currans, Kristina M.; Clifton, Kelly J (2018). Assessing the Importance of Housing, Accessibility, and Transportation Characteristics on Stated Neighborhood Preference. *International Journal of Urban Sciences*, Vol. 23, No. 1. (Available online at: <https://doi-org.ezproxy2.library.arizona.edu/10.1080/12265934.2018.1436983>).
7. Wang, Liming; Currans, Kristina M. (2018). De-Transformation Bias in Non-Linear Trip Generation Models. *Journal of Urban Planning and Development*. Vol. 144 (3), pp. 04018021-1-10
8. Howell, Amanda*; Currans, Kristina M.; Gehrke, Steven R.; Norton, Gregory*; Clifton, Kelly J. (2018). Informing the Transportation Impact of Affordable Housing Development Using Travel Survey Data for Trip Generation Analysis. *Journal of Transport and Land Use*, Vol. 11, No. 1, pp. 103-118. (Accessible at: <https://jtl.org/index.php/jtl/article/view/1129>).
9. Currans, Kristina M. (2017). Issues in Trip Generation Methods for Transportation Impact Estimation of Land Use Development: A Review and Discussion of the State-of-the-Art Approaches. *Journal of Planning Literature*, Vol. 32, No. 4, pp. 335-345. (Accessible at: <https://doi-org.ezproxy2.library.arizona.edu/10.1177/0885412217706505>)
10. Clifton, Kelly J.; Currans, Kristina M. and Muhs, Christopher D. (2015). Adjusting ITE's Trip Generation Handbook for Urban Context. *Journal of Transport and Land Use*, Vol. 8, No. 1, pp. 5-29. (Accessible at: <https://jtl.org/index.php/jtl/article/view/378>).
11. Currans, Kristina M.; Clifton, Kelly J. (2015). Improving Vehicle Trip Generation Estimations for Urban Contexts: Using Household Travel Surveys as a method to Adjust ITE Trip Generation Rates. *Journal of Transport and Land Use*, Vol. 8, No. 1, pp. 85-119. (Accessible at: <https://jtl.org/index.php/jtl/article/view/470>).
12. Clifton, Kelly J; Muhs, Christopher D.; Morrissey, Tomás; Currans, Kristina M. (2014) Consumer Behavior and Travel Mode: An Exploration of Restaurant, Drinking Establishment and Convenience Store Patrons, *International Journal of Sustainable Transportation*, DOI: 10.1080/15568318.2014.897404.
13. Clifton, Kelly J.; Currans, Kristina M.; Muhs, Christopher D. (2013). Evolving the Institute of Transportation Engineers' *Trip Generation Handbook*: A Proposal for Collecting Multi-modal, Multi-context, Establishment-level Data. In *Transportation Research Record: Journal of the*

Transportation Research Board, No. 2344 Travel Demand Forecasting, Vol. 2, Transportation Research Board of the National Academies, Washington, D.C., pp. 107-117. (Accessible at: <https://trid.trb.org/View/1242521>).

14. Clifton, Kelly J.; Currans, Kristina M.; Cutter, April; Schneider, Robert. (2012). Household Travel Surveys in a Context-Based Approach for Adjusting ITE Trip Generation Rates in Urban Contexts. In *Transportation Research Record: Journal of the Transportation Research Board*, No. 2307 Planning, Transportation Research Board of the National Academies, Washington, D.C., 2012, pp. 108-119. (Accessible at: <https://trid.trb.org/View/1130606>).

Refereed Conference Proceedings

1. Currans, Kristina M.; Hurtubia, Ricardo; Clifton, Kelly J.; Erath, Alex; van Eggermond, Michael. Using Imagery in Stated Preference Surveys: Lessons Learned from a Review of the Practice. Poster Presentation at the 11th International Conference on Transport Survey Methods. Quebec, Canada. September 24-29, 2017.
2. Howell, Amanda*; Currans, Kristina M.; Clifton, Kelly J. Evaluating the Transportation Impacts of Affordable Housing: Informing Development Review with Travel Behavior Analysis. Presented at the World Symposium on Transport and Land Use Research. Brisbane, Queensland, Australia. July 3-6, 2017.
3. Currans, Kristina M. Issues in Trip Generation Methods for Transportation Impact Estimation of Land Use Development: A Review and Discussion of the State-of-the-Art Approaches. Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
4. Currans, Kristina M.; Clifton, Kelly J. Contextual Effects on Overall Activity at Food Retail Establishments in Portland, Oregon: A Count-Based Multilevel Model of Repeated Transaction Count Measures to Improve Transportation Impact Analyses. Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
5. Clifton, Kelly J.; Currans, Kristina M. A Sustainable Multimodal Planning Framework for Transportation Impact Analysis. Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
6. Wang, Liming; Currans, Kristina M. De-Transformation Bias in Non-Linear Trip Generation Models. Poster presentation at the 96th Annual Meeting of the Transportation Research Board of the National Academies in Washington, D.C. (2017).
7. Gehrke, Steven R.; Currans, Kristina M.; Clifton, Kelly J. The Importance of Housing, Accessibility, and Transport Characteristic Ratings on Stated Neighborhood Preference. 95th Annual Meeting of the Transportation Research Board, Washington, D.C. (2016).
8. Currans, Kristina M.; Gehrke, Steven R.; Clifton, Kelly J. The Use of Images in Transportation Surveys: Testing Respondents Perceptions of Housing, Transportation and Built Environment Characteristics. 94th Annual Meeting of the Transportation Research Board, Washington, D.C. (2015).
9. Currans, Kristina M.; Clifton, Kelly J. Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. 93rd Annual Meeting of the Transportation Research Board, Washington, D.C. (2014).
10. Gehrke, Steven R.; Currans, Kristina M.; Clifton, Kelly J. The Impact of Residential Location Decisions on Miles Traveled, Trip Frequency, and Automobile Ownership for Households in the

Portland Metropolitan Region. 93rd Annual Meeting of the Transportation Research Board, Washington, D.C. (2014).

11. Clifton, Kelly J., Muhs, Christopher D.; Currans, Kristina M.; Ritter, Chloe; Morrissey, Sara; and Roughton, Collin. Consumer Behavior and Travel Choices: A Focus on Cyclists and Pedestrians. 92nd Annual Meeting of the Transportation Research Board, Washington, D.C. (2013).
12. Clifton, Kelly J., Currans, Kristina M.; and Muhs, Christopher D. Evolving the Institute for Transportation Engineers' (ITE) *Trip Generation Handbook: A Proposal for Collecting Multi-modal, Multi-context, Establishment-level Data*. 92nd Annual Meeting of the Transportation Research Board, Washington, D.C. (2013).
13. Clifton, Kelly J.; Currans, Kristina M.; Cutter, April; Schneider, Robert. A Context-based Approach for Adjusting Institute of Transportation Engineers Trip Generation Rates. 91st Annual Meeting of Transportation Research Board. (2012).

Published Reports

1. Currans, Kristina M.; Iroz-Elardo, Nicole; Ewing, Reid; Choi, Dong-ah*; Siracuse, Brandon*; Lyons, Torrey; Fitzpatrick, Quinton*; Griffiee, Julian*. Scooting to a New Era in Active Transportation: Examining the Use and Safety of E-scooters. Prepared for the National Institute of Transportation and Communities, Report No. NITC-RR-1281 (2021, *forthcoming*).
2. Iroz-Elardo, Nicole; Erickson, Helen; Howell, Ariel*; Olson, Melanie*; Currans, Kristina M. Community Engagement in a Pandemic. Prepared for the University of Arizona Drachman Institute Seed Grant. (2021).
3. Nelson, Arthur C.; Hibberd, Robert*; Currans, Kristina M. Transit Impacts on Jobs, People, and Real Estate. Prepared for the National Institute of Transportation and communities, (2020/2021). (Available online at: https://nitc.trec.pdx.edu/research/project/1253/LRT/BRT/SCT/CRT_Development_Outcomes_FINAL_PHASE)
4. Clifton, Kelly J.; Currans, Kristina M. with Abou-Zeid, Gabby*. Multifamily Housing Trip Generation and Freight Study, Final Report. Prepared for the Portland Bureau of Transportation, (2020).
5. Clifton, Kelly J.; Currans, Kristina M. Multimodal Trip Generation, Vehicle Ownership and Use: Characterizing the Travel Patterns of Residents of Multifamily Housing. Prepared for the National Institute of Transportation and Communities, (2019). (Available online at: <https://nitc.trec.pdx.edu/research/project/878>)
6. Contributor to the *Parking Generation Manual, 5th Edition*. Principal Editor: Kevin G. Hooper; Institute of Transportation Engineers, (Feb. 2019). (Available at: <https://iteparkgen.org> and <https://ecommerce.ite.org/IMIS/ItemDetail?iProductCode=IR-034D-E>)
7. Currans, Kristina M.; Nelson, Arthur C.; Chambers, Sam (August 2018) Memo on Economic Performance Metrics to Improve Transportation Investment Decision Making Part III: Summary of Initial Analysis, Last-Mile Performance Metric. Sponsored by Smart Growth America.
8. Currans, Kristina M.; Nelson, Arthur C.; Ruff, Alex; Chambers, Sam (August 2018) Economic Performance Metrics to Improve Transportation Investment Decision Making Part II, Supplement: Instruction for the UA "Value Added" GIS Tool. Sponsored by Smart Growth America.
9. Currans, Kristina M.; Nelson, Arthur C.; Chambers, Sam (August 2018) Economic Performance Metrics to Improve Transportation Investment Decision Making Part II: UA GIS Value Added

- Tool, A Transportation Project-Level Tool for Estimating the Net Impacts on Real Estate Value. Sponsored by Smart Growth America.
10. Contributor to the *Trip Generation Manual, 10th Edition: Volume 1 (Desk Reference), Volume 2 (Land Use Data Plots), and ITETripGen Web-based App*. Principal Editor: Kevin G. Hooper; Institute of Transportation Engineers, (2017). (Available at: <https://www.ite.org/technical-resources/topics/trip-and-parking-generation/trip-generation-10th-edition-formats/>.)
 11. Currans, Kristina M.; Nelson, Arthur C. (May 2018) Economic Performance Metrics to Improve Transportation Investment Decision Making Part I: Literature Review and Economic Vitality Indicator Concepts. Sponsored by Smart Growth America.
 12. Clifton, Kelly J; Currans, Kristina M.; Schneider, Robert; and Handy, Susan with Howell, Amanda; Abou-Zeid, Gabby; Bertini Ruas, Edgar; Roan, Sabina; and Gehrke, Steven R. Affordable Housing Trip Generation Rates and Strategies. Prepared for the California Department of Transportation (Caltrans) (September 2018). Contract: 65A0564; Task ID: 2465.
 13. Yang, Liu-Qin; Wipfli, Brad; Wang, Liming; Cyr, Lee; Currans, Kristina. How do Stressed Workers Make Travel Mode Choices that are Good for their Health, Safety, and Productivity? Prepared for the National Institute for Transportation and Communities, (January 2018). Report: NITC-SS-995
 14. Clifton, Kelly J.; Nico, Larco; Currans, Kristina; Wettach-Glossere, Jael. Improving Trip Generation Methods for Livable Communities. Prepared for the National Institute for Transportation and Communities, (2017). (Available online at: <http://nitc.trec.pdx.edu/research/project/757/>)
 15. Clifton, Kelly J.; Gehrke, Steven R.; Currans, Kristina. Understanding Residential Location Choices for Climate Change and Transportation Decision Making. Phase 2 Project Report prepared for the National Institute for Transportation and Communities, (2015). [*published as a draft*]
 16. Contributor to the *Trip Generation Handbook, 3rd Edition: An ITE Proposed Recommended Practice*. Principal Editor: Kevin G. Hooper; Institute of Transportation Engineers, (2014). (Available at: <http://ecommerce.ite.org/IMIS/ItemDetail?iProductCode=RP-028C.>)
 17. Clifton, Kelly J.; Gehrke, Steven R.; Currans, Kristina; Liu, Jenny H.; Chen, Roger B. Understanding Residential Location Choices for Climate Change and Transportation Decision Making. Phase 1 Project Reports prepared for the Oregon Department of Transportation, (2013). [*published as a draft*]
 18. Clifton, Kelly J.; Harris, Ashley; Currans, Kristina; Wagner, Zef. A Multimodal Framework for the Transportation Planning Rule Process. Report prepared for the Oregon Department of Transportation, (2013). [*draft*]
 19. Currans, Kristina M. Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. *Dissertations and Theses*. Paper 987, (2013). (Available online at: http://pdxscholar.library.pdx.edu/open_access_etds/987/)
 20. Clifton, Kelly J.; Muhs, Christopher D; Morrissey, Sara; Morrissey, Tomás; Currans, Kristina M.; Ritter, Chloe. Consumer Behavior and Travel Mode Choices. Oregon Transportation Research and Education Consortium (OTREC) Research Report Draft [OTREC-RR], (2012). (Available online at: <http://otrec.us/project/411/>)

21. Clifton, Kelly J.; Currans, Kristina M.; Muhs, Christopher D. Contextual Influences on Trip Generation. Oregon Transportation Research and Education Consortium (OTREC) Research Report [OTREC-RR-12-13], (2012). (Available online at: <http://otrec.us/project/407/>)

Professional and White Papers (not refereed, invited)

1. Bean, Jonathan; Currans, Kristina M.; Iroz-Elardo, Nicole. *Unmasking Invisibility*. Invited editorial for *Interactions*. Vol. 27, No. 3 (2020), pg 22-23. Available at: <https://dl.acm.org/doi/fullHtml/10.1145/3386379>
2. Deakin, Elizabeth; Nelson, Arthur C.; Currans, Kristina; Lee, David; Renne, John. *The Transportation and Land Development Committee TRB Centennial Paper*. Annual Meeting of the Transportation Research Board of the National Academies. Available at: <http://onlinepubs.trb.org/onlinepubs/centennial/papers/ADD30-Final.pdf>
3. Bochner, Brian S.; Currans, Kristina M.; Dock, Stephanie P.; Clifton, Kelly J.; Gibson, Patrick A.; Hardy, Daniel K.; Hooper, Kevin, G.; Kim, Lee-Jung; McCourt, Ransford, S.; Samdahl, Donald R.; Sokolow, Gary, H.; Tierney, Lisa F. *Advances in Urban Trip Generation Estimation*. Institute of Transportation Engineer's Journal, (2016).
4. Institute of Transportation Engineer's Expert Panel on Urban Trip Generation. *Urban and Person Trip Generation*. White Paper published by Institute of Transportation Engineers, (2017).

Scholarly Works in Progress

1. Currans, Kristina M.; Clifton, Kelly J. A framework for estimating multimodal transportation impacts for sustainable development. Book Chapter. Editors: Arthur C. Nelson; Nicholas, Jim; Juergensmeyer, Julian; Mullen, Clancy. *Forthcoming, 2021*.
2. Choi, Dong-ah*; Siracuse, Brandon*; Currans, Kristina M.; Iroz-Elardo, Nicole; Lyons, Torrey; Ewing, Reid. Effects of Intersection Design on Non-Optimal Behaviors of E-Scooter and Other Users. *Accepted for presentation at the Annual Meeting of the Transportation Review Board. Under peer review for publication elsewhere.*
3. Clifton, Kelly J.; Abou-Zeid, Gabriella*; Currans, Kristina M.; Howell, Amanda. Kicked to the curb: A new era for transportation and land development planning. *Under review for publication.*
4. Currans, Kristina M.; Abou-Zeid, Gabriella*; McCahill, Chris; Iroz-Elardo, Nicole; Clifton, Kelly J.; Handy, Susan; Pineda, Irene*. Households with Constrained Off-Street Parking Drive Fewer Miles. *Revise and resubmit.*
5. Avila, Ashley*; Iroz-Elardo, Nicole; Keith, Ladd; Currans, Kristina M. Effect of Vehicles on Personal Heat Exposure: A Pilot Study. *Accepted for presentation at the Annual Meeting of the Transportation Review Board. Being revised for submission to publication elsewhere.*
6. Abou-Zeid, Gabriella*; Nonnamaker, Max*; Currans, Kristina M.; Howell, Amanda; Clifton, Kelly J. "It's Complicated": Exploring the Relationship Status of In-store and Online Grocery Shopping During the COVID-19 Pandemic. *Accepted for presentation at the Annual Meeting of the Transportation Review Board. Being revised for submission to publication elsewhere.*
7. (Editor order not yet determined) de Abreu e Silva, João; Van Acker, Veronique; Currans, Kristina M.; Schneider, Robert J. Edited Book. Handbook on Transportation and Land Use: Human-Centered Communities in an Age of Rapid Technological Change. *Forthcoming, 2022.*
8. (Author order not yet determined) Currans, Kristina M; Clifton, Kelly J. White paper on the evaluating and accommodating the transportation impacts of land development.
9. (Author order not yet determined) Currans, Kristina M.; Wei, Yehua Dennis; Liu, Jenny; Rumore, Danya; Mattingly, Stephen; Lewis, Rebecca. Invited paper for the National Institute of

Transportation and Communities on the topic of “Transportation and Land Use Research Roadmap”.

PRESENTATIONS (bold: presenter)¹

Presentations at Professional Meetings and Conferences

1. Abou-Zeid, Gabriella*; Nonnamaker, Max*; Currans, Kristina M.; Howell, Amanda; Clifton, Kelly J. “It’s Complicated”: Exploring the Relationship Status of In-store and Online Grocery Shopping During the COVID-19 Pandemic. *Accepted for Presentation at the Annual Meeting of the Transportation Research Board.* (January, 2022).
2. Choi, Dong-ah*; Siracuse, Brandon*; Currans, Kristina M.; Iroz-Elardo, Nicole; Lyons, Torrey; Ewing, Reid. Effects of Intersection Design on Non-Optimal Behaviors of E-Scooter and Other Users. *Accepted for Presentation at the Annual Meeting of the Transportation Research Board.* (January, 2022).
3. Avila, Ashley*; Iroz-Elardo, Nicole; Keith, Ladd; Currans, Kristina M. Effect of Vehicles on Personal Heat Exposure: A Pilot Study. *Accepted for Presentation at the Annual Meeting of the Transportation Research Board.* (January, 2022).
4. **Iroz-Elardo, Nicole**; Erickson, Helen; **Howell, Ariel***; **Olson, Melanie***; Currans, Kristina M. Community Engagement During a Pandemic. *Lectern presentation at the Conference on Advancing Transportation Equity (CATE), Washington, D.C.* (September 8-10, 2021). *Held virtually this year.
5. Clifton, Kelly J.; **Abou-Zeid, Gabriella***; Currans, Kristina M.; Howell, Amanda. Kicked to the curb: A New Era for Transportation and Land Development Planning. *Lectern presentation at the World Symposium for Transport and Land Use Research; Portland, Oregon, U.S.* (August 9-13, 2021). *Held virtually this year.
6. **Iroz-Elardo, Nicole**; Currans, Kristina. Injury burden of introducing e-scooters: A systematic review of e-scooter injury studies using emergency department record review, 2015-2019. *Poster Presentation at the Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January, 2021). *Held virtually this year.
7. **Abou-Zeid, Gabriella***; Currans, Kristina M.; McCahill, Chris; Iroz-Elardo, Nicole; Clifton, Kelly J; Handy, Susan; Pineda, Irene*. Households with Constrained Off-Street Parking Drive Fewer Miles. *Poster Presentation at the Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January, 2021). *Held virtually this year.
8. **Currans, Kristina M.**; Hibberd, Robert*; Iroz-Elardo, Nicole; Nelson, Arthur C. Regional Differences in the U.S. Real Estate Market Response towards Proximity of Fixed Route Transit Systems. *Poster Presentation at the Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January, 2021). *Held virtually this year.
9. **Currans, Kristina M.**; Abou-Zeid, Gabriella*; Iroz-Elardo, Nicole. Linking Residential Parking to Automobile Transportation Impact Outcomes at a Development-Level. *Lectern Presentation at the Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January, 2020).
10. **Abou-Zeid, Gabriella***; Currans, Kristina M.; Clifton, Kelly J.; Howell, Amanda; Schneider, Robert. Improving Transportation Impact Analyses for Affordable Housing Developments: A Data Collection and Analysis of Trip Generation Data. *Lectern Presentation at the 98th Annual*

¹ Except for those listed previously in “conference proceedings”.

Meeting of the Transportation Research Board of the National Academies. Washington, D.C. (January 14, 2019).

11. **Currans, Kristina M.**; Nelson, Arthur C.; Chambers, Sam. A Framework to operationalize a Deep and Vast Literature for Practice: Translating Land Value Uplift Literature to Estimate Economic Impacts of Multimodal Transportation System Projects. *Lectern Presentation at the 98th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January 14, 2019).
12. **Hibberd, Robert**; Currans, Kristina M.; Nelson, Arthur C. Functional Form in Hedonic Regression: Determining the End of Significance of Transit Proximity Effects on Property Value Uplift. *Poster Presentation at the 98th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January 15, 2019).
13. **Abou-Zeid, Gabriella**; Currans, Kristina M.; Clifton, Kelly J.; Howell, Amanda; Schneider, Robert. Improving Transportation Impact Analyses for Affordable Housing Developments: A Data Collection and Analysis of Trip Generation Data. *Lectern Presentation at the 98th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January 14, 2019). *Won “Best Paper Award” from ADD30*
14. **Currans, Kristina M.**; Nelson, Arthur C.; Chambers, Sam. A Framework to operationalize a Deep and Vast Literature for Practice: Translating Land Value Uplift Literature to Estimate Economic Impacts of Multimodal Transportation System Projects. *Lectern Presentation at the 98th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January 14, 2019).
15. **Hibberd, Robert**; Currans, Kristina M.; Nelson, Arthur C. Functional Form in Hedonic Regression: Determining the End of Significance of Transit Proximity Effects on Property Value Uplift. *Poster Presentation at the 98th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (January 15, 2019).
16. **Currans, Kristina M.**; Abou-Zeid, Gabriella; Clifton, Kelly J.; Howell, Amanda; Schneider, Robert; Handy, Susan. Trip Generation Data and Methods for Affordable Housing Developments. *Lectern Presentation at the 2018 Annual Association of the Collegiate Schools of Planning.* Buffalo, NY. October 27th, 2018.
17. **Howell, Amanda**; Currans, Kristina M.; Norton, Gregory; Clifton, Kelly J. Informing the Transportation Impact of Affordable Housing Development Using Travel Survey Data for Trip Generation Analysis. *Poster presentation at the 97th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (2018).
18. **Currans, Kristina M.**; Clifton, Kelly J. Exploring ITE’s Trip Generation Handbook: Assessing Age of Data and Land-Use Taxonomy in Vehicle Trip Generation for Transportation Impact Analyses. *Poster presentation at the 97th Annual Meeting of the Transportation Research Board of the National Academies.* Washington, D.C. (2018).
19. **Currans, Kristina M.** Compounding Overestimation of Automobile Traffic in Transportation Impact Studies. *Lectern Presentation at the 57th Association of Collegiate Schools of Planning.* Denver, Colorado. October 12-15th, 2017.
20. **Currans, Kristina M.**; **Breiland, Kendra**; **Somers, David.** Moderator: **Kelly J. Clifton.** Incorporating Innovations in Trip Generation into Practice: Advancing the Evaluation of Transportation Demand for Land Use Development. *Roundtable Presentation at the National Institute of Transportation and Communities Transportation and Communities Summit.* Portland, Oregon. September 11, 2017.

21. **Currans, Kristina M.** Issues in Urban Trip Generation. *Presented at the World Symposium on Transport and Land Use Research*. Brisbane, Queensland, Australia. July 3-6, 2017.
22. **Clifton, Kelly J.;** Howell, Amanda; Currans, Kristina M.; Holden, Olivia. Evaluating the transportation impacts of multifamily housing. *Presented at the 16th Transportation Research Board Planning Applications Conference*. Raleigh, North Carolina. May 14-18, 2017.
23. **Cyr, Lee;** Currans, Kristina M.; **Yang, Liu-Qin;** Wang, Liming. Influences of Commuter, Work, and Family Stress on Mode Choice. *Presented at the Work, Stress, and Health: Contemporary Challenges and Opportunities Conference*. Minneapolis, Minnesota. June 7-10, 2017.
24. **Clifton, Kelly J.;** Currans, Kristina M.; de Abreu e Silva, João. Satisfaction with Commute and Residential Environment: Explaining Dissonance Between Revealed and Stated Preferences for Neighborhoods. Lectern presentation at the XIX Pan-American Conference of Traffic and Transportation Logistics in Mexico City, Mexico. September 28, 2016.
25. **Currans, Kristina M. (moderator); Clifton, Kelly J.; Larco, Nico; Bell, Adrian.** Next Urbanism: Livable Communities in a World with Driverless Vehicles. Roundtable discussion at the Pro-Walk/Pro-Bike/Pro-Place Conference in Vancouver, B.C., Canada. September 13, 2016.
26. **Currans, Kristina M.;** Clifton, Kelly J.; Larco, Nico. Improving Multimodal Transportation Impact Methods for Livable Communities. Lectern presentation at the Pro-Walk/Pro-Bike/Pro-Place Conference in Vancouver, B.C., Canada. September 15, 2016.
27. Gehrke, Steven R.; **Currans, Kristina M.;** Clifton, Kelly J. The Importance of Housing, Accessibility, and Transport Characteristic Ratings on Stated Neighbourhood Preference. Lectern presentation at the International Conference on Travel Behaviour Research, London, United Kingdom. July 18, 2015.
28. **Currans, Kristina M.** Traffic Impact Analysis and Multimodal Estimation Using Household Travel Surveys. Poster presentations at the Pro-Walk/Pro-Bike/Pro-Place conference, Pittsburgh, Pennsylvania, September 10, 2014.
29. **Currans, Kristina M.;** Clifton, Kelly J. Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. Lectern presentation at the Transportation Research Board Innovations in Travel Modeling, Baltimore, Maryland, April 29, 2014.
30. **Gehrke, Steven R.;** Currans, Kristina M.; Liu, Jenny H.; Clifton, Kelly J. Modeling the Travel Outcomes of Residents in the Portland Metropolitan Region in Regard to Residential Location Decisions. Lectern presentation at the 53rd Annual Conference of the Association of Collegiate Schools of Planning. Dublin, Ireland. July 18, 2013.
31. **Clifton, Kelly J.;** Muhs, Christopher D.; Morrissey, Tomás; Currans, Kristina M. Consumer Behavior and Travel Choices. Lectern presentation at the Oregon Active Transportation Summit. Salem, Oregon. April 24, 2013.
32. **Clifton, Kelly J.;** Currans, Kristina M.; Schneider, Robert; Steiner, Ruth. New Approaches to Estimating Trip Generation (Roundtable Session). Lectern presentation at the 53rd Annual Conference of the Association of Collegiate Schools of Planning. Cincinnati, Ohio. November 1, 2012.
33. **Currans, Kristina M.;** Muhs, Christopher D.; Clifton, Kelly J. Adjusting ITE's Trip Generation Handbook for Urban Context. Poster presentation at the Oregon Transportation Summit. Portland, Oregon. September 10, 2012.
34. **Muhs, Christopher;** Clifton, Kelly J.; Currans, Kristina M.; Morrissey, Sara; Ritter, Chloe; Lim, Myeonwoo. Handheld Tablet Technology in an Establishment-Intercept Survey. Lectern

presentation at Western District Institute of Transportation Engineers Annual Meeting. Santa Barbara, California. June 25, 2012.

35. **Currans, Kristina, M.**; Clifton, Kelly J. Contextual Influences on Trip Generation. Lectern presentation at Western District Institute of Transportation Engineers Annual Meeting. Anchorage, Alaska. July 13, 2011.

Guest Course Lectures (not including studio reviews)

1. Transportation Impact Analyses: Conventional Approaches, On-going Research, and Assumptions as Policy. Civil and Architectural Engineering and Mechanics Lecture Series (Instructor: Wu), University of Arizona. Tucson, Arizona. Fall 2019.
2. Transportation Planning at the University of Arizona (with Nicole Iroz-Elardo). Planning Theory (Instructor: Sanderford), University of Arizona. Tucson, Arizona. Fall 2019.
3. Impacts of Transportation Investment on Real Estate Value for Last-Mile Freight Distribution Center Locations. Sustainable Built Environments Research Methods (Instructor: Stoker), University of Arizona. Tucson, Arizona. Spring 2019.
4. Transportation impact analyses. Course: Transportation Planning (PLG 468/568 Arlie Adkins). University of Arizona. Tucson, Arizona. Fall 2018.
5. Brief intro into transit planning and engineering topics. Course: Design Studio III: Tectonic Assembly (ARC 301, IOR: Michael Kothke), University of Arizona. Tucson, Arizona. Fall 2017.
6. Guest Reviewer for Course Project. Course: Design Studio I (PLG 515, IOR: Gina Chorover), University of Arizona. Tucson, Arizona. Fall 2017.
7. Intro to Transportation Demand Modeling. Course: Transportation Planning (PLG 568, IOR: Arlie Adkins), University of Arizona. Tucson, Arizona. Fall 2017.
8. Issues in Urban Trip Generation. Course: Urban Transportation Planning (USP 544, IOR: John Makler), Portland State University. Portland, Oregon. Fall 2015.
9. Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. Course: Travel Demand Modeling (USP 587, IOR: Liming Wang), Portland State University. Portland, Oregon. Winter 2014.

Invited Talks, Workshops, and Webinars

1. **Currans, Kristina M.** Exploring the impacts of off-street residential parking on vehicle demand. *Transportation Lecture Series, Arizona State University.* (November 12, 2021). Tempe, Arizona.
2. **Currans, Kristina M.** Ubiquitously Incremental and Pernicious: The dynamic role of parking supply in increasing vehicle use. *Fall 2021 Seminar, College of Engineering, University of Arizona.* (November 5, 2021). Remote lectern.
3. **Iroz-Elardo, Nicole**; Erickson, Helen; **Howell, Ariel**; **Olson, Melanie**; Currans, Kristina M. Community Engagement During a Pandemic. *Invited presentation to the Arizona Department of Transportation 4th Title VI Liaison Quarterly Meeting, Virtual Presentation* (November 18th, 2021).
4. **Currans, Kristina M.** Innovations in Transportation Impact Analyses for Multimodal Planning and Parking. *Oregon State University, Transportation Seminar.* (February 26, 2021) Remote lectern.
5. **Nelson, Arthur, C.**; **Hibberd, Robert**; **Currans, Kristina M.** Transit Impacts on Jobs, People and Real Estate. *National Institute of Transportation and Communities Webinar.* (March 11,

- 2021). Online Webinar. Available at: <https://nitc.trec.pdx.edu/events/professional-development/webinar-03-23-2021>
6. **Currans, Kristina M.** Ubiquitously Incremental and Pernicious: The dynamic role of parking supply in increasing vehicle use. *College of Architecture, Planning, and Landscape Architecture lecture series, University of Arizona*. (January 22, 2021). Remote lectern. Available at: https://arizona.zoom.us/rec/share/-xkO3Jy6WTxAfeq_zSyBjr-6UmLsWd8TEXRk0dCmP9zDP_QduvEhsQf-nWWOh2S.JotvMfpzylSm5O-p
 7. **Griffie, Julian;** Currans, Kristina M.; Lyons, Torrey; Fitzpatrick, Quinton. Scooting into a New Era: A Review of Agency Regulations on Shared E-Scooter Programs. (October 16, 2019). Arizona Council of Governments/Metropolitan (COG/MPO) Planner Coordinator Meeting.
 8. **Griffie, Julian;** Currans, Kristina M.; Lyons, Torrey; Fitzpatrick, Quinton. Scooting into a New Era: A Review of Agency Regulations on Shared E-Scooter Programs. (May 7, 2020). Revisiting Important Transportation Topics Featuring Four Widely-Anticipated Research Presentations from the 61st TRF Conference. Online Webinar.
 9. **Griffie, Julian;** Currans, Kristina M.; Lyons, Torrey; Fitzpatrick, Quinton. Scooting into a New Era: A Review of Agency Regulations on Shared E-Scooter Programs. (October 16, 2019). Arizona Council of Governments/Metropolitan (COG/MPO) Planner Coordinator Meeting.
 10. **Currans, Kristina M.** Recent Updates and Findings in Trip Generation from the U.S. *Webinar for the Institute of Transportation Engineers Australia and New Zealand Section Inc.* Via teleconferencing recording. (June 5th, 2019).
 11. **Currans, Kristina M.;** Abou-Zeid, Gabriella; Clifton, Kelly J.; Howell, Amanda; Schneider, Robert; Handy, Susan. An Original Data Collection of Person and Vehicle Trip Generation at Affordable Housing Developments. *Webinar for the Transportation Research Board of the National Academies*. Washington, D.C. (2019).
 12. **Currans, Kristina M.;** Nelson, Arthur C. Impacts of Transportation Investment on Real Estate Value for Last-Mile Freight Distribution Center Locations. Arizona Board of Regents. Phoenix, Arizona. Video presentation November 12, 2018.
 13. **Currans, Kristina M.;** Abou-Zeid, Gabriella; Clifton, Kelly J.; Howell, Amanda; Schneider, Robert; Handy, Susan. Trip Generation Data and Methods for Affordable Housing Developments. *Invited Brownbag Lectern for the Pima County Development Services*. Tucson, AZ. November 5th, 2018.
 14. **Clifton, Kelly J.;** Currans, Kristina M.; Abou-Zeid, Gabriella; Howell, Amanda; Schneider, Robert; Handy, Susan. Affordable Housing Trip Generation Rates and Strategies. *Webinar for the California Department of Transportation (Caltrans)*. September 13th, 2018. Available online at: <http://www.dot.ca.gov/hq/tpp/offices/owd/horizons.html>
 15. **Currans, Kristina M.;** Nelson, Arthur C. *Impacts of Transportation Investment on Real Estate Value*. Washington state. March 26, 2018.
 16. **Currans, Kristina M.** *Exploring Issues in ITE's Trip Generation Handbook Vehicle Trip Generation Data*. Lectern presentation for the Pima Area Government Lecture Series. Tucson, Arizona. November 11th, 2017.
 17. **Currans, Kristina M.** *Getting to Know the Data: Understanding Assumptions, Sensitivities, Uncertainty, and Being "Conservative" While Using ITE's Trip Generation Data in the Land Development Process*. Lectern presentation for Friday Transportation Seminar. Portland, Oregon. April 14th, 2017. (Available online at: <http://trec.pdx.edu/events/professional-development/getting-know-data-understanding-assumptions-sensitivities>.)

18. **Clifton, Kelly J.; Currans, Kristina M.** (2016). *Transforming Transportation Impact Analysis: A New Vision for Coordinating Transportation and Land Use*. Workshop for Transportation & Communities Summit, Portland, Oregon. September 8, 2016.
19. Gehrke, Steven R.; **Currans, Kristina M.**; Clifton, Kelly J. The Importance of Housing, Accessibility, and Transport Characteristic Ratings on Stated Neighbourhood Preference. Lectern presentation for Friday Transportation Seminar. Portland, Oregon. January 8, 2016. (Available online at: <http://trec.pdx.edu/events/professional-development/student-presentations-trb-week-1-0>.)
20. **Currans, Kristina M.** Trip Generation: Moving the State of the Practice into the Future. Lectern and discussant to the Initiative for Bicycle & Pedestrian Innovation Workshop 2.0: Comprehensive Bicycle Design & Engineering. Portland, Oregon. August 20, 2015.
21. **Currans, Kristina M.** Understanding Where We Live and How We Travel: The Development of an Online Visual Survey Tool and Pilot Studies Evaluating Preferences in Residential Neighborhood Choice and Commute. Lectern presentation for Friday Transportation Seminar. Portland, Oregon. October 17th, 2015. (Available online at: <http://www.pdx.edu/events/friday-transportation-seminar-understanding-where-we-live-and-how-we-travel?delta=0>.)
22. **Currans, Kristina M.** Thinking About People: An Urban-Context Adjustment to ITE's Trip Generation Handbook Using Household Travel Surveys. Workshop presentation for the Institute of Transportation Engineers Annual Meeting, Seattle, Washington, August 13, 2014.
23. **Currans, Kristina M.** Advances in Estimating the Transportation Impact of Development for Urban Locations. Workshop and webinar for the Initiative for Bicycle & Pedestrian Innovation (IBPI). Portland, Oregon. May 22nd, 2014. (Available online at: <http://www.pdx.edu/ibpi/trip-generation-webinar>.)
24. **Currans, Kristina M.** Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates. Lectern presentation and discussion to the Urban Studies and Planning Travel Demand Modeling Class (USP 587), Portland State University. Portland, Oregon. January 30, 2014.
25. **Clifton, Kelly J.**; Muhs, Christopher D.; Morrissey, Tomás; Currans, Kristina M. Consumer Behavior and Travel Choices. Lectern presentation to Portland Development Commission. Portland, Oregon. April 11, 2013.
26. **Clifton, Kelly J.**; Muhs, Christopher D.; Currans, Kristina M. Contextual Influences on Trip Generation & Links between Mode Choice and Consumer Behavior. Lectern presentation to local businesses. Portland, Oregon. September 13, 2012.
27. **Currans, Kristina M.**; Clifton, Kelly J.; Cutter, April; Schneider, Robert. A Context-based Approach for Adjusting Institute of Transportation Engineers Trip Generation Rates. Lectern presentation at Portland State University, Friday Transportation Seminar. January 20, 2012.
28. **Clifton, Kelly J.**; Currans, Kristina M.; Muhs, Christopher D.; Cutter, April; Morrissey, Sara; Ritter, Chloe; Lim, Myeonwoo. Contextual Influences on Trip Generation. Presented at the Transportation Policy Alternatives Committee. Portland, Oregon. August 31, 2012.
29. **Clifton, Kelly J.**; Currans, Kristina M.; Muhs, Christopher D.; Cutter, April; Morrissey, Sara; Ritter, Chloe; Lim, Myeonwoo. Contextual Influences on Trip Generation. Presented at the Metro Technical Advisory Committee. Portland, Oregon. June 6, 2012.

SPONSORED OR FUNDED PROJECTS

University of Arizona (2017-Present)

- Communicating Research through Comics: Transportation and Land Development (2021-2022). PI. Kelly J. Clifton; co-PI. Kristina M. Currans (sponsored by the National Institute for Transportation and Communities), *on-going*.
- Land Use and Transportation Roadmap (2021-2022). PI. Kristina M. Currans; co-PI. Nicole Iroz-Elardo, Maia Ingram; Yao-Jan Wu; Alyssa Ryan (sponsored by the National Institute for Transportation and Communities), *on-going*.
- National Institute for Transportation and Communities,
 - Executive Committee (2020-2022).
 - Year 4, PI. Arlie Adkins; co-PI. Kristina M. Currans; Chris Nelson
 - Year 5, PI. Kristina M. Currans; co-PI. Arlie Adkins, *on-going*
 - Campus Activities (2020-2022),
 - Year 4, PI. Arlie Adkins; co-PI. Kristina M. Currans
 - Year 5/4 extension, PI. Kristina M. Currans; co-PI. Arlie Adkins, *on-going*
- Assessing Cool Corridor Heat Resilience Strategies for Human-Scale Transportation (2021-2022). PI. Ladd Keith; Co-PI: Nicole Iroz-Elardo, Kristina M. Currans (sponsored by the National Institute of Transportation & Communities), *on-going*.
- Third-Party Evaluator – Public Transportation COVID-19 Research Demonstration Grant Program (2021-2022). PI. Kristina M. Currans; Co-PI: Nicole Iroz-Elardo (funded through the Tucson Transit Management via Federal Transit Authority COVID-19 Research Demonstration Grant Program), *on-going*
- Accessing Opportunities for Household Provisioning During and After COVID-19 (2020-2021); PI. Kelly J. Clifton; Co-PI: Amanda Howell, Kristina M. Currans (sponsored by the National Institute of Transportation & Communities), *on-going*
- Outreach in a Pandemic (2020-2021); PI. Helen Erickson; Co-PI: Nicole Iroz-Elardo, Kristina M. Currans (sponsored by a Drachman Institute seed grant, University of Arizona).
- Incorporating Bicycle Activity and Vehicle Travel Reduction from Bicycle Infrastructure into Strategic Planning Tools (2019-2021); PI. Joseph Broach; Co-PI: Kristina Currans (sponsored by Oregon Department of Transportation and the National Institute for Transportation & Communities), *on-going*
- Scooting to a New Era in Active Transportation: Examining the Use and Safety of E-Scooters (2019-2021); PI. Kristina Currans; Co-PI: Reid Ewing and Nicole Iroz-Elardo (sponsored by the National Institute of Transportation & Communities).
- Parking Utilization and Site level VMT Database (2019-2022); PI. Kristina Currans; Co-PI: Nicole Iroz-Elardo, Chris McCahill (sponsored by Caltrans), *on-going*
- LRT/BRT/SCT/CRT Development Outcomes FINAL PHASE (2018-2020); PI. Chris Nelson; Associate PI: Kristina Currans; Nicole Iroz-Elardo (sponsored by the National Institute of Transportation & Communities)
- Economic Performance Metrics to Improve Transportation Investment Decision Making (2017-2018); PI: Chris Nelson; Associate PI: Kristina Currans (sponsored by Smart Growth America)

Clifton/Currans LLC Consulting (2017-Present)

- Galardi Rothstein Group: Advise and assist in redeveloping impact fee rate schedule for single-family and multifamily dwellings by size (2018-2021), *on-going*
- Fehr & Peers: Advise and assist reconciliation of site-level transportation evaluation data for transportation system development charges (2016-2017)
- City of Portland, Oregon: Trip generation data collection design and analysis to support annual improvements to the transportation system development charge schedule (2017-2021), *on-going*

Consulting (2015-Present)

- City of Portland, Oregon (through Portland State University):

- Advise and assist in redeveloping transportation system development charge (TSDC) schedule for single-family dwellings by size (2018-2019);
- Collect multifamily data to support updating TSDC schedule (2019);
- Analyze and development update in institutional alternative methods for updating TSDC process (2020).
- Arlington Mobility Lab: Tech-transfer for the Household Travel Surveys Urban Context Adjustment Method (2015)
- Research Consultant on PSU's "Affordable Housing Trip Generation Strategies and Rates" project (2017-2018)

Portland State University, Graduate Assistant

PROJECTS (Principal Investigator: Kelly Clifton):

- Affordable Housing Trip Generation Strategies and Rates (2015-2018)
- Multimodal Trip Generation, Vehicle Ownership and Use: Characterizing the Travel Patterns of Residents of Multifamily Housing (2015-2019)
- Developing the Transportation System Development Charges for Portland, Oregon: Drafting a Request for Proposals and Providing Technical Advice (2015-2017)
- Improving Trip Generation Methods for Livable Communities (2015-2016)
- Understanding Residential Location Choices for Climate Change and Transportation Decision Making (2013-2015)
- Market Segments and Regional Travel Outcomes: Development of a Spreadsheet-based Toolkit for Estimating Travel Outcomes on a Regional Scale (2015)
- Impact analysis survey administration at grocery market with local partner: intercept survey instrument and mobile application development, survey administration design, data processing and analysis (2012-2015)
- Developing a Framework for Incorporating Mitigation Effectiveness into the TPR Process (2013)
- Development of Market Segments for Examining Current and Future Residential Location and Travel Choices (2012-2013)
- Improving Vehicle Trip Generation Estimations for Urban Contexts: A Method Using Household Travel Surveys to Adjust ITE Trip Generation Rates (2011-2013)
- Consumer Behavior and Travel Mode Choices (2010-2012)
- Contextual Influences on Trip Generation (2010-2012)

OTHER PROJECTS:

- How Do Stressed Workers Make Travel Mode Choices that are Good for Their Health, Safety, and Productivity? (2016-2018; Principal Investigators: Liu-Qin Yang, Liming Wang, and Brad Wipfli)

TOOLS, TOOLKITS, OR OTHER PACKAGED APPLICATIONS

1. Hibberd, Robert; Nelson, Arthur C.; and Currans, Kristina M., *Data From: Updating and Expanding LRT/BRT/SCT/CRT Data and Analysis* (2019). TREC Datasets and Databases. 5. https://doi.org/10.15760/TREC_datasets.05
2. Clifton, Kelly J; Currans, Kristina M.; Schneider, Robert; and Handy, Susan with Howell, Amanda; Abou-Zeid, Gabby; Bertini Ruas, Edgar; Roan, Sabina; and Gehrke, Steven R. (September 2018). *CAT Tool: Caltrans Affordable Housing Trip Generation Tool*. Sponsored by the California Department of Transportation (Caltrans). Contract: 65A0564; Task ID: 2465.

3. Currans, Kristina; Nelson, Arthur C.; Chambers, Sam; Ruff, Alex. (August 2018). *UA “Value Added” GIS Tool*. Sponsored by Smart Growth America. Hosted and available through Smart Growth America.
4. Currans, Kristina. (2015). *Household Travel Surveys Urban Context Adjustment Method (HTS UCA) Tool*. Tech transfer sponsored by the Arlington Mobility Lab.

HONORS, GRANTS AND FELLOWSHIPS

Fellowships

1. *Student Fellow for the Institute for Sustainable Solutions*, Portland State University, Portland, Oregon (2016)
2. *National Institute for Transportation & Communities (NITC) Dissertation Fellowship*, NITC, Portland, Oregon (2016)
3. *Dwight David Eisenhower Transportation Graduate Fellowship*, United States Department of Transportation Fellowship Program Federal Highway Administration (2016)
4. *Maseeh Graduate Fellowship*, Maseeh College of Engineering and Computer Science (2013)
5. *Dwight David Eisenhower Transportation Graduate Fellowship*, United States Department of Transportation Fellowship Program Federal Highway Administration (2013)
6. *Dwight David Eisenhower Transportation Graduate Fellowship*, United States Department of Transportation Fellowship Program Federal Highway Administration (2012)
7. *Dwight David Eisenhower Transportation Graduate Fellowship*, United States Department of Transportation Fellowship Program Federal Highway Administration (2011)

Scholarships, Honors and Awards

1. *Volunteer of the Year (2019) Award*, Standing Committee on Transportation and Land Development (ADD30) of the National Academies
2. *Best Paper Award* for the paper “Improving Transportation Impact Analyses for Affordable Housing Developments: A Data Collection and Analysis of Trip Generation Data”, ADD30 Standing Committee on Transportation and Land Development at the 2019 Annual Meeting of the Transportation Research Board of the National Academies (January 14th, 2019). Washington, D.C.
3. *Best Thesis Award*, World Society for Transport and Land Use Research (WSTLUR), Brisbane, Australia (2017).
4. *PhD Community Engagement Award*, Civil and Environmental Engineering, Portland State University (2017)
5. *OTREC/NITC Scholar Awards* (2011; 2012; 2013; 2014; 2015; 2016; 2017)
6. Ranked #1, *Dwight David Eisenhower Transportation Graduate Fellowship*, United States Department of Transportation Fellowship Program Federal Highway Administration (2013)
7. *Oregon Institute of Transportation Engineering Graduate Scholarship* (2012-2013)
8. 1st Place: *PORTAL Data Challenge—Communicating a Major Accident on the Marquam Bridge using Visualization of PORTAL Data*, Oregon Transportation Research & Education Consortium (2013)
9. *Michael Kyte Outstanding Student of the Year*, Region X University Transportation Centers (2012)
10. *Dean’s Lottery Award*, Department of Civil and Environmental Engineering, Maseeh College of Engineering & Computer Science, Portland State University (2012)
11. *Student of the Year*, Oregon Transportation Research and Education Consortium (2012)

12. *Outstanding Female Engineering Student*, Denice Dee Denton Women Engineers Hall of Fame, Maseeh College of Engineering & Computer Science, Portland State University (2012)
13. *Outstanding Graduate Student*, Department of Civil and Environmental Engineering, Maseeh College of Engineering & Computer Science, Portland State University (2012)
14. *Women in Transportation Scholarship*, WTS Portland Chapter (2011)
15. *Civil Engineering Student of the Year*, Oregon State University (2010)
16. 4th Place: “*Ethics in Civil Engineering in 2025*” Technical Paper/Presentation Northwest Regional Competition: ASCE (2010)
17. 1st Place: “*Sustainability and Civil Engineering*” Technical Paper/Presentation Northwest Regional Competition: ASCE (2009)

TEACHING & MENTORING

University of Arizona, College of Architecture, Planning, and Architecture

- PLG 511. Women & the City (2019)*
- PLG/GEOG/PA/PLG 514. Methods in Urban Planning (formerly Analytic Methods in Planning and Strategic Management) (2018-2021) *
- PLG 469/569. Transportation & Land Use (2018-2021) *
- PLG 211. Sex & the City (2017-2019)
- MRED 415/515. Construction and Project Management (2017-2021), oriented for real estate developers *

Portland State University, College of Engineering, undergraduate courses

- Introduction to Transportation Engineering: *Instructor* (2016)
- Applied Statistics for Civil and Environmental Engineers: *Substitute Lecturer* (2015)

Oregon State University, College of Engineering, undergraduate courses

- Advanced Geographic Information Systems: *Teacher’s Assistant* (2010)
- Geographic Information Systems: *Teacher’s Assistant* (2010)

Outreach and Mentoring

- Curriculum development and organizer for Portland State ChickTech Workshop for local high school girls (2016) *
- Engineering Academic Coach (2010)

* *Developed original course material.*

MEMBERSHIPS, SERVICE, & LEADERSHIP ROLES

Journal Review Activity (Recently Active)

- | | |
|---|--|
| • <i>Journal of Transport and Land Use</i> | • <i>Cities</i> |
| • <i>Transportation Research Record: Journal of the Transportation Research Board</i> | • <i>Journal of Urban Planning and Development</i> |
| • <i>Open Transportation Journal</i> | • <i>Transportation Research Part D: Transport and Environment</i> |
| • <i>Transportation Letters: International Journal of Transportation Research</i> | • <i>Transportation Research Part A: Policy and Practice</i> |
| • <i>Sustainable Cities and Society</i> | |

Local & National Service; Participation on Expert or Technical Panels

1. Editorial Board, Journal of Urban Planning and Development (2018-Present).

2. Transportation and Affordable Housing, Track Chair and Moderator; Dissertation Competition Judge, World Symposium for Transport and Land Use Research (WSTLUR), Portland, Oregon (July 2021). *Held Virtually
3. Committee Member, Standing Committee on Economic and Land Development (AMS50), Transportation Research Board of the National Academies (2020-present); previously the Standing Committee on Transport and Land Development (ADD30).
 - a. High-Volume Review Coordinator (2018-2021)
4. Student Award Review Panel, Council for University Transportation Centers (2018-2021)
5. The Institute of Transportation Engineer's Expert Panel on Parking Generation, *Panel Member* (2018-2019).
6. The Institute of Transportation Engineer's Expert Panel on Urban Trip Generation: *Panel Member* (2015-2017).
7. Project panels or technical advisory and review (* participation through my advisor):
 - Stakeholder, Move Tucson (2019- Present), Tucson Department of Transportation (TDOT), City of Tucson.
 - Stakeholder Working Group Member; Ryan Airfield Master Plan Update (2018-2021). Tucson, Arizona.
 - Hawaii Innovation Project Expert Review Panel (2018).
 - California Air Resource Board Project "Assessing the Travel Demand and Co-Benefit Impacts of Affordable Transit-Oriented Development (2017-2018)
 - Caltrans' Smart Growth Trip Generation Phase II (2015-2017) *
 - City of Los Angeles' Affordable Housing and Trip Generation (2014-2017) *
 - Virginia Department of Transportation's Survey on States' Use of Non-ITE Trip Generation Estimation Methods (2015)
8. Involvement in sub-committees to revise ITE Trip Generation Handbook for the 3rd edition (2012-2014).
9. Student Research Advisory Committee, Portland State University; *Member* (2012-2013).

Institutional Service – University of Arizona (UA)

1. Deputy Director, Transportation Research Institute, University of Arizona (2020-Present)
2. Assistant Director, Center for Applied Transportation Sciences, College of Engineering, University of Arizona (2021-Present)
3. Executive Committee Member, Campus Partner for the National Institute of Transportation and Communities (2021-2022)
4. Planning Curriculum Committee Member (2018-Present), School of Landscape Architecture and Planning, CAPLA.
5. Chair, Hiring Committee, Real Estate Development, College of Architecture, Planning, Landscape Architecture (2021-2022).
6. Hiring Committee Member, Civil Engineering, (Spring 2021).
7. Hiring Committee Member, Real Estate Development, College of Architecture, Planning, Landscape Architecture (Spring 2021).
8. Constitutional & Bylaws Committee, College of Architecture, Planning and Landscape Architecture (2019-2021)
9. Curriculum Committee, College of Architecture, Planning and Landscape Architecture (2020-present)
10. Member of the Steering Committee, Transportation Research Institute, University of Arizona (2018-2019)
11. Drachman Institute Task Force, College of Architecture, Planning, and Landscape Architecture (2018)

12. Research Subcommittee, Strategic Plan Task Force, College of Architecture, Planning, and Landscape Architecture (2018)
13. UA National Institute for Transportation & Communities Student Award Committee Member (2017-Present).

Advisor/Mentor/Committee Member for Fellow, Thesis, Dissertation, or Capstone

1. Wookjae Yang, University of Utah, *External Supervisory Committee for Dissertation* (2021-Present)
2. Ashley Avila, Sustainable Build Environment, *ADOT-sponsored Minority Fellows co-Mentor* (2021-2022).
 - a. *Paper:* Avila, Ashley; Iroz-Elardo, Nicole; Keith, Ladd; Currans, Kristina M. Effect of Vehicles on Personal Heat Exposure: A Pilot Study.
 - b. *Award:* Acceptance into the TRB Minority Fellows Program (2019-2020), sponsored by the Arizona Department of Transportation.
3. Suzanne Louise Ries, Sustainable Build Environment, *Thesis Advisor* (2021)
4. Julian Griffie, Planning Program, *ADOT-sponsored Minority Fellows Mentor* (2019-2020).
 - a. *Paper:* Griffie, Julian; Currans, Kristina M.; Lyons, Torrey; Fitzpatrick, Quinton. Scooting into a New Era: A Review of Agency Regulations on Shared E-Scooter Programs.
 - b. *Award:* Acceptance into the TRB Minority Fellows Program (2019-2020), sponsored by the Arizona Department of Transportation.
5. Gabriella Abou-Zeid, Sustainable Built Environment (SBE), *capstone mentor* (graduation: June 2019).
 - a. *Title:* Walkability in Tucson
 - b. *Awards:* SBE Capstone Award; UA Pillars of Success (UA-level award for undergraduate research); “Best Paper” Award for *Improving Transportation Impact Analyses for Affordable Housing Developments: A Data Collection and Analysis of Trip Generation Data* from ADD30 Standing Committee on Transport and Land Development at the Transportation Research Board Annual Meeting.
6. Kyle Titlow, Geography, *thesis committee member* (graduation: May 2018).
 - a. *Title:* “‘De Alguna Manera, Llegas,’ A Geographic Information Systems Study of Public Transit Accessibility for Precarious Settlements in Buenos Aires, Argentina”
 - b. *Award:* Wootan Master Thesis Award from the Council of University Transportation Centers (National, United States)

Current Memberships

1. Association of the Collegiate Schools of Planning
2. American Planning Association
3. World Society of Transport and Land Use Research