

SUSAN L. HANDY

Department of Environmental Science and Policy
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PRESENT POSITION:

Professor, Department of Environmental Science and Policy, University of California, Davis.
Director, National Center for Sustainable Transportation, 2013 –
Chair, Transportation Technology and Policy Graduate Group, 2015 –
Chair, Department of Environmental Science and Policy, 2011 – 2016
Director, Sustainable Transportation Center, 2006 – 2012
Associate Professor, 2002 – 2006

EDUCATION:

Doctor of Philosophy, City and Regional Planning, University of California, Berkeley, 1992.
Master of Science, Resource Planning Program, Civil Engineering, Stanford University, 1987.
Bachelor of Science and Engineering, Engineering and Management Systems Program, Civil
Engineering, Princeton University, 1984.

PRIOR POSITIONS:

Associate Professor, Community and Regional Planning Program, School of Architecture,
University of Texas at Austin, 1999 -2002. Assistant Professor 1993 - 1999.
Assistant Researcher, Institute of Transportation Studies, UC Davis, 1992-1993.
Senior Transportation Analyst, Center for Urban Analysis, Santa Clara County, San Jose, CA,
1991-1993.
Assistant Planner, Metropolitan Transportation Commission, Oakland, CA, 1987-1990.
Transportation Analyst, Center for Urban Analysis, Santa Clara County, San Jose, CA, 1987.
Associate Consultant, Bain & Company, San Francisco, CA, 1984-1986.

PROFESSIONAL APPOINTMENTS:

Associate Editor, *Transportation Research Record*, since 2019.
Member, Editorial Board, *Transport Reviews* (since 2013), *Travel Behavior & Society* (since
2013), *Transport Policy* (since 2011), *Journal of Transportation and Land Use* (since 2007),
Journal of Planning Education and Research (since 2006), *International Journal of Behavioral
Nutrition and Physical Activity* (since 2004), *Transportation Research D* (since 1996), *Journal
of the American Planning Association* (2001 - 2019), *Journal of Physical Activity and Health*
(2006-2011), *American Journal of Health Promotion* (2004-2009).
Member, Executive Board, World Society on Transportation & Land Use Research, since 2011.
Associate Editor, *Journal of Transport and Health*, 2013-2019.
Member, Committee on Women's Issues in Transportation of the Transportation Research
Board, 2005 - 2016.
Member, Organizing Committee for the UTC Spotlight Conference on Pedestrian and Bicycle
Safety, 2016.

PROFESSIONAL APPOINTMENTS: continued

- Member, Research and Technical Advisory Panel (RTAP) for the Business, Transportation, and Housing Agency of the State of California, 2007 - 2010.
- Member, Organizing Committee for the UTC Spotlight Conference on Livability, 2010.
- Member, Committee on Transportation and Land Development of the Transportation Research Board, 1995 - 2009. Friend of the Committee 1991-1995.
- Member, Committee on Telecommunications and Travel Behavior of the Transportation Research Board, 1997-2009. Chair of the Committee 2000-2006, Friend of the Committee 1993 - 1997.
- Member, Institute of Medicine Committee on Childhood Obesity Prevention Actions for Local Governments, 2008-2009.
- Member, Peer Review Panel for the State and Local Policy Program at the Humphrey Institute at the University of Minnesota, 2005-2008, 2011.
- Member, Jury for the Transbay Transit Center Design Competition, 2006-2007.
- Member, National Advisory Committee of the Active Living by Design Program of the Robert Wood Johnson Foundation, 2003-2007.
- Member, Transportation Research Board Committee on Innovations in Travel Demand Modeling: A Conference, 2005-2006 and 2007-2008.
- Visiting Research Fellow, Healthway Foundation, Perth, Australia, 2006.
- Member, Institute of Medicine Committee on the Prevention of Obesity in Children and Youth, 2003-2004.
- Member, National Research Council Committee on Research on Women's Travel Issues Conference, 2004-2005.
- Member, Editorial Board, Member, Committee on Carbon Monoxide Episodes in Meteorological and Topographical Problems Areas, National Research Council, 2001-2003.
- Member, Executive Committee of the Southwest Region University Transportation Center, 1994 - 2002.
- Chair, Project Panel H-12 for the Transit Cooperative Research Program of the Transportation Research Board, "Integrated Urban Models for Simulation of Transit and Land Use Policies," 1996-1998.
- Member, Association of Collegiate Schools of Planning Commission on the Doctorate in Planning, 1990-1992.

RESEARCH GRANTS:

- Principal Investigator, "Investigation of the Abilities and Limitations of Travel Demand Modeling in Informing Decision-Making," California Department of Transportation, 2023-2024.
- Principal Investigator, "Methods for Assessing the Effectiveness of Potential Vehicle-Miles-Traveled (VMT) Mitigation Measures," California Department of Transportation, 2022-2024.
- Principal Investigator, "Measuring, Analyzing and Identifying Small-Area VMT Reduction," California Air Resources Board, 2021-2023.
- Principal Investigator, "The Implications of Freeway Siting in California: An Equity, Geospatial, and Case Study Approach," California Department of Transportation, 2021.

RESEARCH GRANTS: continued

- Co-Investigator, "Monitoring VMT Reduction Claims in Local Development Review," California Department of Transportation, 2020-2021.
- Co-Investigator, "Induced Travel Calculator Improvements," California Department of Transportation," 2021.
- Principal Investigator, "Drivers of Vehicle Miles Traveled in the Tahoe Basin," Tahoe Science Advisory Council, 2020-2021.
- Co-Investigator, "Barriers to Reducing the Carbon Footprint of Transportation," California Air Resources Board, 2020-2022.
- Co-Investigator, "Changes in Mode Share in California," California Department of Transportation, 2020.
- Co-Principal Investigator, "Active Transportation Benefit-Cost Tool," California Department of Transportation, 2019-2021.
- Co-Principal Investigator, "Investigating the influence of dock-less electric bike share on travel behavior, attitudes, health, and equity: Phase II," Statewide Transportation Research Program, 2019-2020
- Principal Investigator, "Evaluation of GHG Quantification Methods," California Air Resources Board, 2017-2020.
- Co-Principal Investigator, "Investigating the influence of dock-less electric bike share on travel behavior, attitudes, health, and equity," Statewide Transportation Research Program, 2018-2019
- Principal Investigator, "Greenhouse Gas Reduction Quantification Support," California Department of Conservation, 2015-2017.
- Principal Investigator, "Bicyclist Behavior in San Francisco: A Before-and-After Study of the Impact of Infrastructure Investments," California Department of Transportation, 2014-2016.
- Principal Investigator, "Impact of Transportation and Land-Use Related Policies on Greenhouse Gas Emissions," California Air Resources Board, 2012-2013.
- Principal Investigator, "Non-Motorized Travel: Analysis of the National Household Travel Survey California Add-On Data," California Department of Transportation, 2011-2013.
- Principal Investigator, "Trip-Generation Rates Spreadsheet for Smart-Growth Land-Use Projects," California Department of Transportation, 2009-2013.
- Co-Investigator, "Impact of Transportation and Land-Use Related Policies on Greenhouse Gas Emissions," California Air Resources Board, 2010.
- Principal Investigator, "An Exploration into the Nature and Formation of Bicycling Preference and Comfort," Sustainable Transportation Center, University of California Davis, 2009-2011.
- Co-Investigator, "Economic Valuation Method for Environmental Resources," California Department of Transportation, 2009-2010.
- Principal Investigator, "The Davis Bicycle Studies," Sustainable Transportation Center, University of California Davis, 2006-2009, University of California Transportation Center, 2005-2009.
- Principal Investigator, "Increasing Walking and Bicycling with Federal Funding Programs and State, Regional and Local Policies," Robert Wood Johnson Foundation, 2006-2009.
- Principal Investigator, "Cul-de-sacs and Street Play: Implications for the Physical Activity of Children," Robert Wood Johnson Foundation, 2005-2006.

RESEARCH GRANTS: continued

- Principal Investigator, "Understanding Travel Behavior for Diverse Population Groups in California," California Department of Transportation, 2004-2007.
- Co-Investigator, "Regional Development, Population Trend, and Technology Change Impacts on Future Air Pollution Emissions," Environmental Protection Agency, 2004-2007.
- Co-Investigator, "Identifying and Measuring Environmental Determinants of Physical Activity," Robert Wood Johnson Foundation, 2003-2004.
- Co-Principal Investigator, "Study of Residential Location Decision-Making as it Relates to Air Quality – Transportation," California Department of Transportation, 2002-2004.
- Principal Investigator, "Techniques for Mitigating Urban Sprawl," Texas Department of Transportation, 2001-2003.
- Principal Investigator, "Metropolitan Planning Organizations (MPO) Strategies for Addressing Federal Requirements," Texas Department of Transportation, 2001-2002.
- Principal Investigator, "The Case of the Soccer Mom and Other Stories: Travel by Choice or Necessity," Southwest Region University Transportation Center, 2001-2002.
- Principal Investigator, "Transportation Solutions for the 21st Century," Mike Hogg Endowment for Urban Governance, the University of Texas at Austin, 2002.
- Co-Investigator, "Development of an Urban Accessibility Index," Texas Department of Transportation, 1999-2002.
- Principal Investigator, "The Economic Impacts of Highway Relief Routes on Small and Medium Size Communities," Texas Department of Transportation, 1999-2001.
- Principal Investigator, "The Education of Transportation Professionals," Southwest Region University Transportation Center, 2000-2001
- Co-Investigator, "Neighborhood Planning: A Review of Current Approaches," Mike Hogg Endowment for Urban Governance, the University of Texas at Austin, 2001.
- Principal Investigator, "Understanding the Increase in Nonwork VMT," Southwest Region University Transportation Center, 1999-2000.
- Principal Investigator, "Accessibility to Services and Retail in Low-Income Neighborhoods," Southwest Region University Transportation Center, 1998-1999.
- Co-Investigator, "Evaluation of the Effects of Ramp Location on Land Use and Development," Texas Department of Transportation, 1997-1999.
- Principal Investigator, "Evaluating Accessibility Using Geographic Information Systems," Southwest Region University Transportation Center, 1997-1998.
- Co-Investigator, "An Assessment of the Transportation Reform Movement Since ISTEA," the Joyce Foundation, 1997.
- Principal Investigator, "The Effectiveness of Land Use Policies as a Strategy for Reducing Automobile Dependence," Southwest Region University Transportation Center, 1994-1997.
- Co- Investigator, "The Community Vision Project," Capital Metropolitan Transportation Authority and City of Austin, 1996.
- Principal Investigator, "The Role of Modeling in Transportation Planning," Mike Hogg Endowment for Urban Governance, the University of Texas at Austin, 1996.
- Principal Investigator, "The Impact of Telecommunications Technologies on Non-Work Travel Behavior," Southwest Region University Transportation Center, 1994-1995.

RESEARCH GRANTS: continued

Principal Investigator, "The Characterization of Suburban Form: A Study of Austin Neighborhoods," Mike Hogg Endowment for Urban Governance, the University of Texas at Austin, 1993-1994.

Co-Principal Investigator, "Institution of Compact City Policies: The State-of-the Knowledge and Feasibility of Transferring the Portland, Oregon Model to Austin, Texas," Mike Hogg Endowment for Urban Governance, the University of Texas at Austin, 1993-1994.

Principal Investigator, "Regional versus Local Accessibility: The Relationship between Land-Use Patterns and Travel Patterns," University of California Transportation Center, California State Department of Transportation, U.S. Department of Transportation, 1991-1992.

BOOKS:

Handy, S. 2023. *Shifting Gears: Toward a New Way of Thinking About Transportation*. Cambridge, MA: MIT Press.

ARTICLES:

Johnson, N., D.T. Fitch-Polse, and S.L. Handy. 2023. Impacts of E-bike Ownership on Travel Behavior: Evidence from three Northern California rebate programs. *Transport Policy*, 140, 163-174. <https://doi.org/10.1016/j.tranpol.2023.06.014>

Andersen, H., D. Fitch and S. Handy. 2023. Were COVID pedestrian streets good for business? Evidence from interviews and surveys from across the US. *Journal of Transport and Land Use*, 16(1), 163-188.

Mohiuddin, H., D.T. Fitch-Polse and S.L. Handy. 2023. Does bike-share enhance transport equity? Evidence from the Sacramento, California region. *Journal of Transport Geography*, 109, 103588.

Fukushige, T., D.T. Fitch and S. Handy. 2023. Estimating Vehicle-miles traveled reduced from Dock-less E-bike-share: Evidence from Sacramento, California. *Transportation research part D: transport and environment*, 117, 103671.

Hui, T., Pike, S., Kelley, S., Handy, S., Segan, D., & Haefer, R. 2023. Escaping the heat: Climate change and visitation to the Lake Tahoe basin. *Transportation Research Interdisciplinary Perspectives*, 18, 100779.

Jain, A. and S. Handy. 2023. Changes in E-bike Awareness and Consideration for Commute. *Transport Findings*.

Fukushige, T., D.T. Fitch, and S. Handy. 2022. Can an Incentive-Based approach to rebalancing a dock-less bike-share system work? Evidence from Sacramento, California. *Transportation Research Part A*, 163, 181-194.

Currans, K.M., G. Abou-Zeid, C. McCahill, N. Iroz-Elardo, K.J. Clifton, S. Handy, I. Pineda. 2022. Households with constrained off-street parking drive fewer miles. *Transportation*, <https://doi.org/10.1007/s11116-022-10306-8>.

Volker, J. M., and S. Handy. 2022. Exploring Homeowners' Openness to Building Accessory Dwelling Units in the Sacramento Metropolitan Area. *Journal of the American Planning Association*, 1-16.

Handy, S. L., and D.T. Fitch. 2022. Can an e-bike share system increase awareness and consideration of e-bikes as a commute mode? Results from a natural experiment. *International Journal of Sustainable Transportation*, 16(1), 34-44.

ARTICLES: continued

- Fitch, D. T., J. Carlen and S.L. Handy. 2022. What makes bicyclists comfortable? Insights from a visual preference survey of casual and prospective bicyclists. *Transportation research part A: policy and practice*, 155, 434-449.
- Fukushige, T., D.T. Fitch and S. Handy. 2021. Factors influencing dock-less E-bike-share mode substitution: Evidence from Sacramento, California. *Transportation Research Part D: Transport and Environment*, 99, 102990.
- Fukushige, T., and S. Handy. 2021. Who are the potential bicyclists? Evidence from the California Millennials Dataset 2015. *International Journal of Sustainable Transportation*, 1-11.
- Handy, S., A. Wang, E. Jacobson and C. Thigpen. (2021) What do teenagers think about driving? Insights from a bicycling-oriented community in the auto-dependent United States. *Transportation research interdisciplinary perspectives*, 11, 100422.
- Volker, J., and S. Handy. 2021. Economic impacts on local businesses of investments in bicycle and pedestrian infrastructure: a review of the evidence. *Transport Reviews*. DOI: 10.1080/01441647.2021.1912849
- Rodriguez-Valencia, A., D. Rosas-Satizabal, R. Unda, and S. Handy. 2021. The decision to start commuting by bicycle in Bogota, Colombia: Motivations and Influences. *Travel Behaviour and Society*, 24, 57-67.
- Malik, J., D. Bunch, S. Handy, and G. Circella. 2021. A Deeper Investigation into the Role of the Built Environment in the Use of Ridehailing for Non-Work Travel. *Journal of Transport Geography*, 91, 102952.
- Janke, J., C.G. Thigpen, and S. Handy. 2021. Examining the effect of life course events on modality type and the moderating influence of life stage. *Transportation*, 1-36.
- Fitch, D., H. Mohiuddin and S. Handy. 2020. Electric Bike-share in the Sacramento Region is Replacing Car Trips and Supporting More Favorable Attitudes Towards Bicycling. *Sustainability*, 13, 368. DOI: 10.3390/su13010368.
- Volker, J., A. Lee, and S. Handy. 2020. Induced Vehicle Travel in the Environmental Review Process. *Transportation Research Record*, 2674(7), 468-479.
- Handy, S. and A. Lee. 2020. What is it about bicycling? Evidence from Davis, CA. *Travel Behavior & Society*, 20, 348-357.
- Fitch, D. T., J. Sharpnack, and S. Handy. 2020. Psychological stress of bicycling with traffic: examining heart rate variability of bicyclists in natural urban environments. *Transportation Research Part F: Traffic Psychology and Behaviour*, 70, 81-97.
- Fitch, D. T., and S.L. Handy, 2020. Road environments and bicyclist route choice: The cases of Davis and San Francisco, CA. *Journal of Transport Geography*, 85, 102705.
- Chatterjee, K., S. Chng, B. Clark, A. Davis., J. De Vos, D. Ettema. S. Handy, A. Martin and L. Reardon. 2020. Commuting and wellbeing: a critical overview of the literature with implications for policy and future research. *Transport Reviews*, 40(1), 5-34.
- Volker, J. and S. Handy. 2019. Projecting Reductions in Vehicle Kilometers Traveled from New Bicycle Facilities. *Transport Findings*, DOI:10.32866/7766.
- Handy, S. 2019. The connection between mode beliefs and mode liking: biking versus driving. *Transport Findings*, DOI:10.32866/6800.

ARTICLES: continued

- Fang, K. and S. Handy. 2019. Skateboarding for transportation: exploring the factors behind an unconventional mode choice among university skateboard commuters. *Transportation*, 46(1), 263-283.
- Janke, J. and S. Handy. 2019. How life course events trigger changes in bicycling attitudes and behavior: Insights into causality. *Travel Behaviour and Society*, 16, 31-41.
- Alemi, F., G. Circella, P. Mokhtarian and S. Handy. 2019. What drives the use of ridehailing in California? Ordered probit models of the usage frequency of Uber and Lyft. *Transportation Research Part C: Emerging Technologies*, 102, 233-248.
- Zwald, M. L., Eyler, A. A., Haire-Joshu, D., Handy, S. L., Harris, J. K., Moreland-Russell, S., and Brownson, R. C. 2019. Network influences on the development and implementation of active transportation policies in six US cities. *Preventive Medicine*, 118, 176-183.
- Handy, S., and C. Thigpen. 2019. Commute quality and its implications for commute satisfaction: Exploring the role of mode, location, and other factors. *Travel Behaviour and Society*, 16, 241-248.
- Fitch, D. T., Rhemtulla, M., and Handy, S. L. 2018. The relation of the road environment and bicycling attitudes to usual travel mode to school in teenagers. *Transportation Research Part A: Policy and Practice*, 123, 35-53.
- Fitch, D. T., and Handy, S. L. 2018. The Relationship between Experienced and Imagined Bicycling Comfort and Safety. *Transportation Research Record*, DOI 0361198118787635.
- Thigpen, C. G., and Handy, S. L. 2018. Effects of Building a Stock of Bicycling Experience in Youth. *Transportation Research Record*, DOI 0361198118796001.
- Alemi, F., Circella, G., Handy, S., and Mokhtarian, P. 2018. What influences travelers to use Uber? Exploring the factors affecting the adoption of on-demand ride services in California. *Travel Behaviour and Society*, 13, 88-104.
- Alemi, F., Circella, G., Mokhtarian, P., and Handy, S. 2018. Exploring the latent constructs behind the use of ridehailing in California. *Journal of Choice Modelling*, 29, 47-62.
- Xing, Y., Volker, J., and Handy, S. 2018. Why do people like bicycling? Modeling affect toward bicycling. *Transportation Research Part F: Traffic Psychology and Behaviour*, 56, 22-32.
- Thigpen, C., and S. Handy. 2018. Driver's licensing delay: A retrospective case study of the impact of attitudes, parental and social influences, and intergenerational differences. *Transportation Research Part A: Policy and Practice*, 111, 24-40.
- Lee, A. E., and S.L. Handy. 2018. Leaving level-of-service behind: The implications of a shift to VMT impact metrics. *Research in Transportation Business & Management*, 29, 14-25.
- Sciara, G. C., K. Lovejoy, and S. Handy, S. 2018. The Impacts of Big Box Retail on Downtown: A Case Study of Target in Davis (CA). *Journal of the American Planning Association*, 84(1), 45-60.
- Fang, K. and S. Handy. 2017. Skate and die? The safety performance of skateboard travel: A look at injury data, fatality data, and rider behavior. *Journal of Transport and Health*, 7, 288-29.
- Kroesen, M., S. Handy and C. Chorus. 2017. Do attitudes cause behavior or vice versa? An alternative conceptualization of the attitude-behavior relationship in travel behavior modeling. *Transportation Research Part A: Policy and Practice* 101: 190-202.

ARTICLES: continued

- Milam, R. T., M. Birnbaum, C. Ganson, S. Handy and J. Walters, J. 2017. Closing the induced vehicle travel gap between research and practice. *Transportation Research Record* 2653: 10-16.
- Lee, R. J., I. N. Sener, P.L. Mokhtarian and S.L. Handy. 2017. Relationships between the online and in-store shopping frequency of Davis, California residents. *Transportation Research Part A: Policy and Practice* 100: 40-52.
- Palm, M. and S. Handy. 2016. Sustainable transportation at the ballot box: a disaggregate analysis of the relative importance of user travel mode, attitudes and self-interest. *Transportation*. DOI 10.1007/s11116-016-9728-0
- Guarda, P., P. Galilea, S. Handy, J.C. Muñoz and J. de Dios Ortúzar, 2016. Decreasing fare evasion without fines? A microeconomic analysis. *Research in Transportation Economics* 59: 151-158.
- Gudz, E., K. Fang, and S. Handy. 2016. When a Diet Prompts a Gain: Impact of Road Diet on Bicycling in Davis, California. *Transportation Research Record* 2587: 61-67.
- Fitch, D., C. Thigpen, and S. Handy. 2016. Modeling Bicycling to Elementary and Junior High Schools with Bike Rack Counts. *Transportation Research Record* 2587: 68-77.
- Fitch, D., C. Thigpen, and S. Handy. 2016. Traffic Stress and Bicycling to Elementary and Junior High School: Evidence from Davis, California. *Journal of Transport and Health* 3(4): 457-466.
- Van Wee, B. and S. Handy. 2016. Key Research Themes on Urban Space, Scale and Sustainable Urban Mobility. *International Journal of Sustainable Transportation* 10(1): 18-24.
- Thigpen, C., H. Li, S. Handy, and J.T. Harvey. 2015. Modeling the Impact of Pavement Roughness on Bicycle Ride Quality. *Transportation Research Record* 2525: 43-53.
- Thigpen, C.G., B.K. Driller, and S. Handy. 2015. Using a stages of change approach to explore opportunities for increasing bicycle commuting. *Transportation Research Part D* 39: 44-55.
- Kroesen, M. and S. Handy. 2015. Is the rise of the e-society responsible for the decline in car use among young adults? Results from the Netherlands. *Transportation Research Record* 2496: 28-35.
- Brown, R.E. and S. L. Handy. 2015. Factors associated with delayed driver's license acquisition among high school students: Insights from three Northern California schools. *Transportation Research Record* 2459: 1-13.
- Lee, R.J., I.N. Sener and S. Handy. 2015. A Picture of Online Shoppers: Specific Focus on Davis, California. *Transportation Research Record*. 2496: 55-63.
- Popovich, N.D. and S. Handy. 2015. Downtown, strip centers, and big-box stores: Mode choice by shopping destination type in Davis, California. *Journal of Transportation and Land Use* 8(2): 149-170.
- Schneider, R., K. Shafizadeh, and S. Handy. 2015. Method to adjust Institute of Transportation Engineers vehicle trip-generation estimates in smart-growth areas. *Journal of Transportation and Land Use* 8(1): 69-83.
- Lee, A.E., S. Underwood, and S. Handy. 2015. Crashes and other safety-related incidents in the formation of attitudes toward bicycling. *Transportation Research Part F* 28: 14-24.
- Piatkowski, D.P., K.J. Krizek and S. Handy. 2015. Accounting of the short term substitution effects of walking and cycling in sustainable transportation. *Travel Behaviour and Society* 2(1): 32-41.

ARTICLES: continued

- Popovich, N. and S. Handy. 2014. Bicyclists as Consumers: Mode Choice and Spending Behavior in Downtown Davis, CA. *Transportation Research Record* 2468: 47-54.
- Xing, Y. and S. Handy. 2014. Online versus phone surveys: comparison of results for a bicycling survey. *Transportation Planning and Technology*. 37: 1-14.
- Kroesen, M. and S. Handy. 2014. The relation between bicycle commuting and non-work cycling: results from a mobility panel. *Transportation*. 41: 507-527.
- Underwood, S.K., S. Handy, D.A. Paterniti, and A. Lee. 2014. Why do teens abandon bicycling? A retrospective look at attitudes and behavior. *Journal of Transport and Health*. 1: 17-24.
- Handy, S., B. van Wee, and M. Kroesen. 2014. Promoting cycling for transport: Research needs and challenges. *Transport Reviews* 34: 4-24. DOI: 10.1080/01441647.2013.860204
- Kroesen, M. and S. Handy. 2014. The influence of holiday-taking on affect and contentment. *Annals of Tourism Research* 45: 89-101.
- Popovich, N., E. Gordon, Z. Shao, Y. Xing, Y. Wang, and S. Handy. 2014. Experiences of electric bicycle users in the Sacramento, California area. *Travel Behaviour and Society* 1: 37-44.
- Schneider, R., K. Shafizadeh, B. Sperry, and S. Handy. 2013. Methodology to gather multimodal trip generation data in smart-growth areas. *Transportation Research Record* 2354: 68-85. DOI: 10.3141/2354-08
- Lovejoy, K., G.C. Sciara, D. Salon, S. Handy, P. Mokhtarian. 2013. Measure the Impact 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.
- Shavizadeh, K., R. Lee, D. Niemeier, T. Parker, and S. Handy. 2012. Evaluation of the Operation and Accuracy of Available Smart Growth Trip Generation Methodologies for Use in California. *Transportation Research Record* 2307: 120-131.
- Miller, J. and S. Handy. 2012. Factors influencing commute bicycling by university employees. *Transportation Research Record* 2314: 112-119.
- Tal, G. and S. Handy. 2012. Measuring non-motorized accessibility and connectivity in a robust pedestrian network. *Transportation Research Record* 2299: 48-56.
- Salon, D., M.G. Boarnet, S. Handy, S. Spears, G. Tal. 2012. How do local actions affect VMT? A critical review of the empirical evidence. *Transportation Research Part D* 17: 495-508.
- Evenson, K., J. Sallis, S. Handy, R. Bell, L.K. Brennan. 2012. Evaluation of Physical Projects and Policies from the Active Living by Design Partnerships. *American Journal of Preventive Medicine* 43 (5S4): S309–S319.
- Hoehner, C.M., S.L. Handy, Y. Yan, S.N. Blair, D. Berrigan. 2011. Association between neighborhood walkability, cardiorespiratory fitness and body-mass index. *Social Science and Medicine* 73: 1707-1716.
- Bao, S., D. Niemeier, and S. Handy. 2011. Linking Land Use, Transportation and Air Quality: Impact of Urban Growth Patterns on Vehicle Travel and Pollutant Emissions. *Journal of Transportation and Land Use* 4(3): 65-80.
- Tang, W., P.L. Mokhtarian, and S. Handy. 2011. The Impact of the Residential Built Environment on Work at Home Adoption and Frequency: An Example from Northern California. *Journal of Transportation and Land Use* 4(3): 3-22.
- Heinen, E. and S. Handy. 2011. Similarities in Attitudes and Norms and the Effect on Bicycle Commuting: Evidence from the Bicycle Cities Davis and Delft. *International Journal of Sustainable Transportation* 6(5): 257-281.

ARTICLES: continued

- Maiss, R. and S. Handy. 2011. Biking and Spatial Knowledge in Children: An Exploratory Study in Davis, CA. *Children, Youth, and Environment* 21(2): 100-117.
- Emond, C. and S. Handy. 2011. Factors Associated with Bicycling to High School: Insights from Davis, CA. *Journal of Transport Geography* 20: 71-79.
- Lovejoy, K. and S. Handy. 2011. Social networks as a source of private-vehicle transportation: The practice of getting rides and borrowing vehicles among Mexican immigrants in California. *Transportation Research A* 45: 248-257.
- Handy, S. and B. McCann. 2011. The Regional Response to Federal Funding for Bicycle and Pedestrian Projects. *Journal of the American Planning Association* 77: 23-38, 2011.
- Handy, S. and Y. Xing. 2011. Factors Correlated with Bicycle Commuting: A Study in Six Small U.S. Cities. *International Journal of Sustainable Transportation* 5(2): 91-110.
- Lovejoy, K., S. Handy, and P.L. Mokhtarian. 2010. Neighborhood satisfaction in suburban versus traditional environments: An evaluation of contributing characteristics in eight California neighborhoods. *Landscape and Urban Planning* 97: 37-48.
- Tal, G. and S. Handy. 2010. Travel Behavior of Immigrants: An Analysis of the 2001 National Household Transportation Survey. *Transport Policy* 17: 85-93.
- Handy, S., Y. Xing, and T. Buehler. 2010. Factors Associated with Bicycle Ownership and Use: A Study of Six Small U.S. Cities. *Transportation* 37: 967-985.
- Xing, Y., S. Handy, and P.L. Mokhtarian. 2010. Factors Associated with Proportions and Miles of Bicycling for Transportation and Recreation in Six Small U.S. Cities. *Transportation Research D* 15: 73-81.
- Pucher, J., J. Dill, and S. Handy. 2010. Infrastructure, Programs, and Policies to Increase Bicycling: An International Review. *Preventive Medicine* 50: S105-S125.
- Emond, C.R., W. Tang, S.L. Handy. 2009. Explaining Gender Differences in Bicycling Behavior. *Transportation Research Record* 2125: 16-24.
- Krizek, K., S. Handy, and A. Forsyth. 2009. Explaining Changes in Walking and Bicycling Behavior: Challenges for Transportation Research. *Environment and Planning B* 36: 725-740.
- Lubell, M., R. Feiock, S. Handy. 2009. City Adoption of Environmentally Sustainable Policies in California's Central Valley. *Journal of the American Planning Association* 75(3): 293-308.
- Cao, X, P. Mokhtarian, and S. Handy. 2009. Examining the Impacts of Residential Self-Selection on Travel Behaviour: A Focus on Empirical Findings. *Transport Reviews* 29(3): 359-395.
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- Lovejoy, K., G. Sciara, D. Salon, S.L. Handy, P.L. Mokhtarian. 2012. Measuring the Impacts of Local Land Use Policies on Vehicle Miles of Travel: The Case of the First Big Box Store in Davis, California. UCD-ITS-RR-12-03, Institute of Transportation Studies, University of California, Davis.
- Shao, Z., E. Gordon, Y. Xing, Y. Wang, S.L. Handy, and D.Sperling. 2012. Can Electric 2-Wheelers Play a Substantial Role in Reducing CO₂ Emissions? The Report of Electric Bicycle Usage of Western U.S. Residents. UCD-ITS-RR-12-04, Institute of Transportation Studies, University of California, Davis.

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- Lee, R., J. Miller, R. Maiss, M. Campbell, K. Shafizadeh, D. Niemeier, S. Handy, and T. Parker. 2011. *Evaluation of the Operation and Accuracy of Five Available Smart Growth Trip Generation Methodologies*. UCD-ITS-RR-11-12, Institute of Transportation Studies, University of California Davis.
- Handy, S. 2010. *Transportation - Land Use Coordination in the Austin Region: Keys to Making it Happen*. A joint initiative of the Central Texas Sustainability Indicators Project and the Center for Sustainable Development funded by the Snell Endowment. Available: <http://soa.utexas.edu/files/csd/HandyFinalOnlinePDF.pdf>
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- Lovejoy, K. and S. Handy. 2007. *Transportation Experiences of Mexican Immigrants in California: Results from Focus Group Interviews*. Report No. UCD-ITS-RR-07-32, Institute of Transportation Studies, University of California Davis, January.
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- Handy, S., P.L. Mokhtarian, T.J. Buehler, X. Cao, and G. Collantes. 2004. *Residential Location Choice and Travel Behavior: Implications for Air Quality*. Final Report for Task Order No.27, 43A0067, UC Davis - Caltrans Air Quality Project, December.
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- Handy, S., L. Weston, J. Song, K.M. Lane, J. Terry. 2002. *The Education of Transportation Planning Professionals*. Report No. SWUTC/02/167222-1, Southwest Region University Transportation Center, theUniversity of Texas at Austin, October.
- Handy, S. and J. Brown. 2002. *A Guide to Success for Small Texas Metropolitan Planning Organizations*. Report No. 4200-1, Center for Transportation Research, University of Texas at Austin, Austin, TX, August.

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- Handy, S., A. De Garmo, and K. Clifton. 2002. *Understanding the Growth in Non-work VMT.* Report No. SWUTC/02/167802-1, Southwest Region University Transportation Center, The University of Texas at Austin, February.
- Clifton, K. and S. Handy. 2001. *Limits on Access in Low-Income Neighborhoods and the Travel Patterns of Low-Income Households.* Research Report SWUTC/01/167502-1, Southwest Region University Transportation Center, The University of Texas at Austin, September.
- Handy, S., J. Jarrett, and S. Vanka. 2000. *Planning for the Impacts of Highway Relief Routes on Small and Medium-Size Communities.* Research Report No. 1843-4, Texas Department of Transportation, Center for Transportation Research, The University of Texas at Austin, March 2000.
- Handy, S., S. Kubly, D. Larsen, S. Vanka, J. Sralla, and M. Oden. 2000. *Economic Impacts of Highway Relief Routes on Small and Medium-Size Communities: Case Studies.* Research Report No. 1843-3, Texas Department of Transportation, Center for Transportation Research, The University of Texas at Austin, March
- K. Kockelman, S. Srinivasan, and S. Handy. 2000. *Economic Effects of Highway Relief Routes on Small and Medium-Size Communities: An Econometric Analysis.* Research Report No. 1843-2, Texas Department of Transportation, Center for Transportation Research, The University of Texas at Austin, September.
- Handy, S. and K. Clifton. 2000. *Evaluating Neighborhood Accessibility: Issues and Methods Using GIS.* Research Report SWUTC/00/167202-1, Southwest Region University Transportation Center, The University of Texas at Austin, November.
- Handy, S., S. Kubly, J. Jarrett, and S. Srinivasan. 2000. *Economic Effects of Highway Relief Routes on Small and Medium-Size Communities: Literature Review and Identification of Issues.* Research Report No. 1843-1, Texas Department of Transportation, Center for Transportation Research, The University of Texas at Austin, April.
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- Handy, S., R. Paterson, A. De Garmo, and C. Stanland. 1999. *Street Connectivity: A Report to the City of Austin on Cities with Connectivity Requirements.* Community and Regional Planning Program, University of Texas at Austin, August.
- Lewis, C., S. Handy, and R. Goodwin. 1999. *Evaluation of the Effects of Ramp Location on Land Use and Development.* Research Report No. 10-1762-3, Texas Department of Transportation, May.
- Handy, S., K. Clifton, and J. Fisher. 1998. *The Effectiveness of Land Use Policies as a Strategy for Reducing Automobile Dependence: A Study of Austin Neighborhoods.* Research Report SWUTC/98/465650-1, Southwest Region University Transportation Center, The University of Texas at Austin, October.

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- Handy, S. 1994. *The Characterization of Suburban Form: A Study of Austin Neighborhoods*. The School of Architecture, The University of Texas at Austin, Working Paper No. 46.
- Handy, S. and P. Mokhtarian. 1993. *Technical Memo 1: Estimates of Current Levels of Telecommuting in California*. Institute of Transportation Studies, University of California at Davis, report prepared for the California Energy Commission.
- Handy, S. and P. Mokhtarian. 1993. *Technical Memo 2: Travel and Energy Impacts of Telecommuting*. Institute of Transportation Studies, University of California at Davis, report prepared for the California Energy Commission.
- Handy, S. and P. Mokhtarian. 1993. *Technical Memo 3: Base Case Estimates and Forecasts of Telecommuting in California*. Institute of Transportation Studies, University of California at Davis, report prepared for the California Energy Commission.
- Handy, S. and P. Mokhtarian. 1993. *Technical Memo 4: Future Levels of Telecommuting in California - Factors, Policies, Modeling Issues, and Research Needs*. Institute of Transportation Studies, University of California at Davis, report prepared for the California Energy Commission.
- Handy, S. and P. Mokhtarian. 1993. *Evaluating the Travel and Communication Impacts of Advanced Residential Telecommunications Services: Lessons from the Literature*. Institute of Transportation Studies, University of California at Davis, report prepared for the California Department of Transportation.
- Handy, S. 1989. *Financing Highway Projects in California and the MTC Region*. Metropolitan Transportation Commission, Oakland, CA, November.

PRESENTATIONS:

- "The Ideas that Shape Transportation and What They Mean for Health," Urban Transitions Global Summit, Sitges, Spain, November 2022. Keynote Speaker.
- "Safety for Active Travelers in the Context of Transportation Change," International Road Safety Symposium, Vancouver, BC, October 2022. Plenary Speaker.
- "Shifting Gears: Toward a New Way of Thinking About Transportation, MIT Mobilities Seminar, September 2022. Invited Speaker.
- "How Bicycling Can Save the World – and How Research Can Contribute," Trinity College, Dublin, Ireland, September 2021. Invited Speaker.
- "California Dreamin' - How I am helping the Golden State on its quest to reduce VMT, or possibly not," Fourth Triennial Meeting of the World Society of Transportation and Land Use Research, August 2021. Keynote Speaker.
- "Roundabouts of a Figurative Kind: How our ideas shape our transportation future," Third Annual Emerging Scholars Research Symposium, METRANS, University of Southern California, March 2021. Invited Speaker.
- "The Benefits of Reducing Driving," National Center for Sustainable Transportation Webinar, Davis, CA, May 2020.
- "Sustainable Transportation," Transportation Research Board Webinar, Washington, DC, April 2020. Invited Speaker.

PRESENTATIONS: continued

- "Reducing VMT," testimony at an informational hearing of the Joint Committees on Transportation and Environment Quality, California Senate, March 2020. Invited Speaker.
- "Roundabouts of a Figurative Kind," University of Texas at Austin, November 2019. Invited Speaker.
- "Stuck in Traffic: Will More Lanes Help?" Environmental Council of Sacramento, Sacramento, CA, September 2019. Invited Speaker.
- "Gender Differences in Commute Quality: Evidence from UC Davis," 6th International Conference on Women's Issues in Transportation, Irvine, CA, September 2019.
- "Travel Behavior Research and the Scooter Safety Question," Lime Scooter Education and Safety Summit, San Francisco, CA, July 2019. Invited Speaker.
- "Changing Behavior: The Bicycling Fun Factor," Bike Forum 2019, Menlo Park, CA, June 2019. Keynote Speaker.
- "The Future of Driving in the Land of Freeways," Center for Transportation Studies Annual Research Conference, University of Minnesota, November 2018. Keynote Speaker.
- "Planning for Accessibility," Planning Horizons Webinar, Caltrans, Sacramento, October 2018. Invited Speaker.
- "Commute Quality: Exploring the role of mode and other factors using the UC Davis Campus Travel Survey," Cornell University, September 2018. Invited Speaker.
- "Urban Planning and the AV Revolution," 2018 Urbanism Next Conference, Portland, OR, March 2018.
- "Commute Quality: Exploring the role of mode and other factors using the UC Davis Campus Travel Survey," Institute of Transportation Studies, UC Berkeley, January 2018. Invited Speaker.
- "Active Travel and the 3 Revolutions: Policy Consideration," Pedestrian and Bicycle Information Center Webinar on Policies to Prepare for an Automated Future Webinar, August 2017. Invited Speaker.
http://www.pedbikeinfo.org/training/webinars_PBIC_LC_avs.cfm
- "Commute Time Quality: Exploring the role of mode and other factors using the UC Davis Campus Travel Survey," Symposium on Commuting and Well-Being, University of the West of England, June 2017. Invited Speaker.
- "Reducing Vehicle Travel: The California Experiment," Institute of Transport Studies, University of Leeds, June 2017. Invited Speaker.
- "Reducing Vehicle Travel: The California Experiment," Transport Studies Unit, University of Oxford, June 2017. Invited Speaker.
- "Planning for Accessibility," Prioritizing Accessibility in Major Cities, Transportation Research Board webinar, May 2017. Invited Speaker.
- "Sustainable Transportation," Transportation and the Triple-Bottom Line Conference, San Jose, CA, April 2017. Keynote Speaker.
- "The Future of Travel Demand: with reflections on the role of engineering and the importance of science," Engineering Sustainability 2017 Conference, Pittsburgh, PA, April 2017. Keynote Speaker.
- "Commute Time Quality: Exploring the role of mode and other factors using the UC Davis Campus Travel Survey," Fifth Time Use Observatory Workshop, Termas de Jahuel, Chile, March 2017.

PRESENTATIONS: continued

- “The Future of Travel Demand,” Universidad de Andes, Bogota, Columbia, March 2017. Invited Speaker.
- “Reducing Vehicle Travel: The California Experiment,” MIT Center for Transportation & Logistics, Cambridge, MA, December 2016. Invited Speaker.
- “The Future of Travel Demand,” PEEC Sustainable Mobility Seminar, Stanford University, Stanford, CA, November 2016. Invited Speaker.
- “Managing Travel Demand in the 21st Century,” Sacramento Transportation Management Association, Sacramento, CA, November 2016. Invited Speaker.
- “Active Travel and Health with a focus on the gender gap in bicycling,” Seminario internacional ciudades a escala humana salud, transporte y urbanismo, Santiago, Chile, October 2016. Invited Speaker.
- “The Science Behind Sustainable Communities Strategies,” Briefing for the California Legislature, April 2016. Invited Speaker.
- “Transportation in Napa: Challenges and Opportunities,” Napa Vision 2050, April, 2016. Invited Speaker.
- “The Future of Travel Demand,” CITRIS Research Exchange Seminar University of California, Berkeley, March 2016. Invited Speaker.
- “SB375 Implementation,” TRB Workshop on Greenhouse Gas Analysis: Tools and Methodologies in Practice, Washington, DC, January 2016. Invited Speaker.
- “Transportation in Napa: Challenges and Opportunities,” Napa Vitners Association Meeting, Napa, CA, October 2015. Invited speaker.
- “Equity Considerations for Bike Share Programs,” Advancing Bicycling in the Capital Region, Sacramento, CA, September 2015. Invited speaker.
- “The Future of Travel Demand,” presentation given at the USC Sol Price School of Public Policy, Los Angeles, CA, September 2015.
- “How Travel Demand Has Been Changing,” ITS-Davis Asilomar Conference, Pacific Grove, CA, August 2015. Invited speaker.
- “The Gender Gap in Bicycling: Evidence from Davis, CA,” Women’s Transportation Seminar, Sacramento, CA, June 2015. Invited speaker.
- “21st Century Transportation Impact Analysis,” Housing California Conference, Sacramento, CA, April 2015. Invited speaker.
- “Active Travel and Health,” Moving Active Transportation to Higher Ground: Opportunities for Accelerating the Assessment of Health Impacts, The National Academies, Washington, DC, April 2015. Invited speaker.
- “Driving Less: Reducing VMT in the Land of Freeways,” Georgia Institute of Technology, Atlanta, GA, January 2015. Invited speaker.
- “Driving Less: Reducing VMT in the Land of Freeways,” University of Hong Kong, December 2014. Invited speaker.
- “Planning for Accessibility: From Promise to Progress,” COST TU1002 Final Conference, Porto, Portugal, October 2014. Invited speaker.
- “Transportation-Related GHG Emissions and Strategies for Active Travel and Land Use,” Climate Action Team Public Health Workgroup, Sacramento, CA, October 2014. Invited speaker.
- “The Science Behind Sustainable Community Strategies,” California Air Resources Board Research Seminar Series, Sacramento, CA, October 2014. Invited speaker.

PRESENTATIONS: continued

- “Supporting SB375 Through Research,” CED Clean Air Dialogue, Sacramento, CA, September 2014. Invited speaker.
- “Trip Generation in Smart Growth Areas,” Land Use and Transportation Workshop, Shaanxi Normal University, Xi'an, China, June 2014. Invited speaker.
- “Trip Generation in Smart Growth Areas,” 2014 Peds Count Conference, Sacramento, CA, May 2014. Invited speaker.
- “Land Use and Transportation Strategies,” 2014 Lela Morris COEH Symposium, Oakland, CA, May 2014. Invited speaker.
- “The Contribution of Comfort, Convenience, and Liking of Bicycling to the Bicycling Gender Gap: Evidence from Davis, CA,” Women’s Issues in Transportation Conference, Paris, France, April 2014.
- “Driving Less: Strategies for Reducing VMT,” Behavior, Energy, and Climate Conference, Sacramento, CA, November 2013. Invited Speaker.
- “Driving Less: Strategies for Reducing VMT,” Schatz Energy Research Center, Humboldt State University, Arcata, CA, November 2013. Invited Speaker.
- “Driving Less: Strategies for Reducing VMT,” RITA Transportation Innovation Series, US Department of Transportation, September 2013. Invited Speaker.
- “Comfort + Convenience = More Women Biking,” Women Bike Webinar, League of American Bicyclists, August 2013. Invited speaker. <http://bikeleague.org/content/webinars-webcasts>
- “The Role of the Built Environment in Reducing Driving and Increasing Active Travel,” Northwestern University, November 2012. Invited speaker.
- “Travel and Health,” Price School of Public Policy, University of Southern California, October 2012. Invited speaker.
- “Exploring the Formation of Attitudes Towards Bicycle: Insights from Davis, CA,” World Cycling Research Forum, Enschede, the Netherlands, September 2012.
- “The Formation of Attitudes Towards Bicycle: Insights from Davis, CA,” Triennial Meeting of the International Association of Travel Behavior Research, Toronto, Canada, July 2012.
- “The Role of the Built Environment in Reducing Driving,” University of Amsterdam, the Netherlands, June 2012. Invited presentation.
- “Bicycle Planning 101,” Annual Meeting of the American College of Sports Medicine, San Francisco, May 2012. Invited presentation.
- “On-Line vs. Phone Surveys: Comparison of Results for a Bicycling Survey,” Annual Meeting of the Transportation Research Board, Washington, DC, January 2012.
- “On-Line vs. Phone Surveys: Comparison of Results for a Bicycling Survey,” 9th International Conference Transport Survey Methods, Puyehue, Chile, November 2012. Poster presentation.
- “The Role of the Built Environment in Reducing Driving and Increasing Active Travel,” McGill University, September 2011. Invited speaker.
- “The Role of the Built Environment in Reducing Driving and Increasing Active Travel,” Transportation Research Center, University of Vermont, September 2011. Invited speaker.
- “Reducing VMT through Land Use Policies: The Research Perspective,” the 2011 Asilomar Conference on Transportation and Energy, Asilomar, CA, August 2011. Invited speaker.

PRESENTATIONS: continued

- “Measure the Impact of Local Land Use Policies on Vehicle Miles of Travel: The Case of the First Big Box Store in Davis, CA,” World Symposium on Transportation and Land Use Research, Whistler, British Columbia, July 2011.
- “Encouraging Active Travel for Kids: The Davis Experience,” 6th Biennial Childhood Obesity Conference, San Diego, CA, June 2011. Invited speaker.
- “Safe and Convenient Cycling for Everyone,” the Complete Streets for Los Angeles Conference, Luskin Center, UCLA, Los Angeles, CA, February 2011. Invited speaker.
- “The Regional Response to Federal Funding for Bicycle and Pedestrian Projects,” Annual Meeting of the Transportation Research Board, Washington, DC, January 2011. Poster presentation.
- “A Transportation Planner’s Perspective on Connectivity and Fragmentation,” California Connectivity Forum 2010, Davis, CA, December 2010. Invited speaker.
- “The Impact of Community Design on Travel Behavior,” UTC Spotlight Conference on Livability, Washington, DC, October 2010. Invited speaker.
- “How do we get more people bicycling? Evidence from the Davis Bicycle Studies,” California UTC Webinar Series, October 2010. Invited speaker.
- “Understanding Bicycling Behavior: Insights from Davis, CA,” VTI, Linköping, Sweden, October 2010. Invited speaker.
- “Getting Americans Back on Bikes: What Will it Take?” presentation for the Bicycle Advisory Committee of the Sacramento Area Council of Governments, Sacramento, CA. July 2010.
- “Some reflections on ‘The Decline in Transit-Sustaining Densities in U.S. Cities, 1910-2000’”, the Lincoln Institute of Land Policy Conference on Climate Change, Environment, and Land Policies, Boston, MA, May 2010. Invited speaker.
- “Evaluating Policy Effectiveness,” Symposium on Measuring Progress Towards Transportation GHG Emissions Goals, Luskin Center, UCLA, March 2010. Invited speaker.
- “Transportation – Land Use Coordination in the Austin Region,” City Forum at the University of Texas at Austin, February 2010. Invited speaker.
- “Factors Associated with Bicycling to High School in Davis, CA,” Active Living Research Conference, San Diego, CA, February 2010.
- “Infrastructure, Programs, and Policies to Increase Bicycling: An International Review,” Annual Meeting of the Transportation Research Board, Washington, DC, January 2009. Poster presentation.
- “Contributions of the Physical and Social Environments to Bicycling,” Annual Meeting of the Association of the Collegiate Schools of Planning, Alexandria, VA, October 2009.
- “Smart Growth for the Central Valley,” Great Valley Center, September 2009. Invited speaker.
- “Explaining Gender Differences in Bicycle Behavior,” Active Living Research Conference, San Diego, CA, February 2009.
- “The Regional Response to Federal Funding for Bicycle and Pedestrian Projects,” Active Living Research Conference, San Diego, CA, February 2009. Poster presentation.
- “The Built Environment and Travel Behavior: Can Time Use Studies Help?” Time Use Observatory Workshop, Santiago, Chile, January 2009.
- “Sustainable Street Design: Emerging Priorities, Emerging Practices,” Blueprints for Sustainable Infrastructure, 3rd International Conference on Sustainability Engineering and Science, Auckland, New Zealand, December 2008.

PRESENTATIONS: continued

- “Non-Motorized Transportation and Health,” Conference on Linking Transportation Policy and Public Health, Washington, DC, November 2008. Invited speaker.
- “The Outlook for Walking and Bicycling,” Second Annual California UTC-PATH Conference, Los Angeles, CA, November 2008. Invited speaker.
- “Driving Less,” Conference on Moving Forward: Thinking Outside the Car, Santa Rosa, CA, October 2008. Invited Speaker.
- “Walking and Bicycling: What Does the Research Tell Us?” California Transportation Futures Symposium, Davis, CA, September 2008. Invited speaker.
- “What is it about Davis? A Study of Factors Associated with Bicycle Use in Davis and 5 Comparison Cities,” Active Living Research Conference, Washington, DC, April 2008. Poster presentation.
- “Understanding Bicycling Behavior,” the University of California Transportation Center Student Conference, Santa Barbara, CA, January 2008.
- “How to Increase Walking and Bicycling: What the Research Tells Us,” California Walk/Bike Conference, Davis, CA, September 2007. Plenary speaker.
- “The Davis AYSO Bike-to-Soccer Program,” presentation to the City of Davis Bicycle Commission, May 2007.
- “Bicycling in Davis, CA: A Critical Look at the First Platinum Bicycle City in the U.S.,” seminar series of the Oregon Transportation Research and Education Center, Portland, OR, May 2007. Invited speaker.
- “Cul-de-Sacs and Children’s Outdoor Play: Quantitative and Qualitative Evidence,” Active Living Research Conference, San Diego, February 2007. Poster presentation.
- “Planning for Accessibility: Local and Regional Considerations,” 6th Annual New Partners for Smart Growth Conference, Los Angeles, February 2007. Invited Speaker.
- “Transportation, Energy, Infrastructure: How Does Land Use Fit In?” Quarterly Meeting of the California Council on Science and Technology, Sacramento, January 2007. Invited Speaker.
- “Street Connectivity,” Annual Meeting of the California Chapter of the American Planning Association, Anaheim, CA, October 2006. Invited Speaker.
- “Creating Healthier Environments - What the Research Tells Us,” Rebuilding California: Designs for Health Living from City to Farm, – Phase II, CPHA Fall North Meeting, Sacramento, CA, September 2006. Invited Speaker.
- “New Planning Processes for New Transportation Policies,” AESOP Conference on Transportation Planning a Policy Design Challenge? Amsterdam, June 2006. Invited Speaker.
- “Using Utility Maximizing Theory to Explain Physical Activity: Possibilities and Challenges,” International Congress on Physical Activity and Health, Atlanta, GA, April 2006. Invited Speaker.
- “Self-Selection and the Relationship Between the Built Environment and Walking Behavior,” International Congress on Physical Activity and Health, Atlanta, GA, April 2006. Invited Speaker.
- “Creating Walkable Environments - What the Research Tells Us,” Rebuilding California: Designs for Health Living from City to Farm, CPHA 2006 Annual Meeting, Oakland, CA, March 2006. Invited Speaker.

PRESENTATIONS: continued

- “Do Americans Want Walkable Communities? Evidence from a National Survey,” Active Living Research Conference, San Diego, CA, February 2006.
- “Assessing the Relationships Among Transportation, Land Use, and Physical Activity,” Healthy Regions, Healthy People, Policy and Research Symposium Series, the Public Policy Program, UCLA Extension, Lake Arrowhead, CA, October 2005. Invited speaker.
- “Environmental Correlates,” Walking for Health: Measurement and Research Issues and Challenges, ACSM-UIUC Kinesmetrics Symposium Series, Urbana-Champaign, IL, October 2005. Invited speaker.
- “Rebuilding the Environment to Promote Physical Activity,” Meetings of the Phase IV WHO Healthy Cities Network and Network of European National Healthy Cities Networks, Bursa, Turkey, September 2005. Invited plenary speaker.
- “Built Environment Correlates of Physical Activity: Evidence from Transport Research,” Walk21 Satellite Symposium on Transport-Related Physical Activity and Health, Magglingen, Switzerland, September 2005. Invited plenary speaker.
- “GIS as a Research Tool to Study Environment and HEPA,” Walk21 Satellite Symposium on Transport-Related Physical Activity and Health, Magglingen, Switzerland, September 2005. Invited speaker.
- “Promoting Healthier Environments – The Role of City Planning,” Healthy Cities and Smart Growth Conference, Berkeley, CA, April 2005. Invited Speaker.
- “The Built Environment and Physical Activity: What do we know?” Montana Cardiovascular Summit, Big Sky, Montana, April 2005. Invited Speaker.
- “Does Self-Selection Explain the Relationship Between the Built Environment and Physical Activity?” Annual Meeting of the American Planning Association, San Francisco, March 2005.
- “How Best to Address Automobile Dependence in the U.S.? Plan for Accessibility, Not Mobility,” Annual Meeting of the American Planning Association, San Francisco, March 2005.
- “Does Self-Selection Explain the Association between the Built Environment and Physical Activity? Evidence from Northern California,” Active Living Research Conference, San Diego, February 2005. Poster presentation.
- “The Link Between the Built Environment and Travel Behavior: Correlation or Causation?” 84th Annual Meeting of the Transportation Research Board, Washington, DC, January 2005.
- “Toward an Accessibility Framework for Transportation Planning,” From Mobility to Accessibility: A Symposium and Workshop on Sustainable Transportation, University of Michigan, Ann Arbor, MI, December 2004. Invited Speaker.
- “Transportation, Access, and Community Design,” TRB Conference on Research on Women’s Travel Issues, Chicago, IL November 2004. Plenary Speaker.
- “Planning for Accessibility: in Theory and in Practice,” Access to Destinations: Rethinking the Transportation Future of Our Region, University of Minnesota, Minneapolis, MN, November 2004.
- “The Link Between the Built Environment and Travel Behavior: Correlation or Causation?” the 2004 Conference of the Association of Collegiate Schools of Planning, Portland, OR, October 2004.

PRESENTATIONS: continued

- “The Built Environment and Physical Activity,” the First International Ancel Keys Symposium on Nutrition and Health: The International Obesity Epidemic, Minneapolis, MN, September 2004. Invited Speaker.
- “Community Design and Physical Activity: What do we know – and what don’t we know?” the National Institute of Environmental Health Sciences conference on Obesity and the Built Environment: Improving Public Health through Community Design, Washington, DC, May 2004. Invited Speaker.
- “Making the Link between Urban Form and Physical Activity: Perspectives from Urban Planning,” National Physical Activity Conference, Freemantle, Australia, November 2003. Plenary Speaker.
- “Guidelines for Building Healthy Communities,” 131st Annual Meeting of the American Public Health Association, San Francisco, CA, November 2003.
- “Driving by Choice or Necessity,” Triennial Meeting of the International Association of Travel Behavior Researchers, Lucerne, Switzerland, August 2003.
- “Walkable Communities: What the travel behavior research tells us – and doesn’t – and what planners should do in the meantime,” Annual Meeting of the American Planning Association, Denver, CO, April 2003.
- “Driving by Choice or Necessity? The Case of the Soccer Mom and Other Stories,” 82nd Annual Meeting of the Transportation Research Board, Washington, DC, January 2003.
- “Doing Research in Urban Form, Physical Activity, and Health: Perspectives from City Planning and Transportation,” 82nd Annual Meeting of the Transportation Research Board, Washington, DC, January 2003.
- “The Link Between Urban Form and Walking Behavior: Getting from Here to There,” the 2002 Conference of the Association of Collegiate Schools of Planning, Baltimore, MD, November 2002.
- “Smart Growth and the Transportation-Land Use Connection: What Does the Research Tell Us?” New Urbanism and Smart Growth: A Research Symposium, National Center for Smart Growth Research and Education, University of Maryland, College Park, MD, May 2002. Invited Speaker.
- “The Influence of Urban Form on Shopping Behavior: The Case of Local Shopping,” International Conference on Cities and Transportation: Choices and Consequences, Center for Dialogue, Simon Fraser University, Vancouver, BC, February 2002. Invited Speaker.
- “The Education of Transportation Planning Professionals,” 81st Annual Meeting of the Transportation Research Board, Washington, DC, January 2002.
- “Local Shopping as a Strategy for Reducing Automobile Dependence,” Annual Conference of the Texas Chapter of the American Planning Association, Houston, TX, October 2001. Invited Speaker.
- “Planning for Accessibility: Definitions, Measures, and Benefits,” Symposium on Urban Sprawl, Urban Transportation Center, University of Illinois at Chicago, October 2001. Invited Speaker.
- “Theories and Concepts from Urban Planning,” and “A Call to Action!” Conference on Innovative Approaches to Understanding and Influencing Physical Activity, Dallas, TX, October 2001. Invited Speaker.
- “New Urbanism and Travel Behavior,” CNU IX, Congress for the New Urbanism, New York, June 2001. Invited Speaker.

PRESENTATIONS: continued

- “Planning for the Impacts of Highway Relief Routes,” Conference on Application of Transportation Planning Methods, Transportation Research Board, Corpus Christi, TX, April 2001.
- “Understanding the Growth in Non-Work VMT,” the 2000 Conference of the Association of Collegiate Schools of Planning, Atlanta, GA, November 2000.
- “On the Road to Nowhere or a Train Bound for Glory? Transportation Solutions for the 21st Century,” Center for Transportation Studies, University of Minnesota, February 2000. Invited Speaker.
- “Modeling Uses and Abuses,” Rail-Volution '99, Dallas, TX, September 2000. Invited Speaker.
- “Reflections on Transit-Oriented Development as the Answer to Sprawl and Congestion,” Conference on “Sprawl and Congestion: Are Light Rail, High Density Living and “Transit-Oriented Development” the Answer?” convened the Center for the New West, Colorado Springs, CO, 1999. Invited Speaker.
- “Urban Form and Local Travel Choices: A Study of Austin Neighborhoods,” the 1997 Conference of the Association of Collegiate Schools of Planning, Ft. Lauderdale, FL, November 1997.
- “Traffic Calming as a Way of Life,” Fall Conference of the Texas Association of County Engineers and Roadway Administrators, San Antonio, November 1997. Invited Speaker.
- “Integrating Land Use and Transportation Planning,” Annual Conference of the Texas Chapter of the American Planning Association, Galveston, TX, October 1997. Invited Speaker.
- “Travel Behavior - Land Use Interactions: An Overview and Assessment of the Research,” the Triennial Meeting of the International Association of Travel Behavior Research, Austin, TX, September 1997. Invited Speaker.
- “The Important Connection Between Land Use and Transportation,” the Texas State Transportation Planning Conference, Corpus Christi, May 1997. Invited Speaker.
- “Telecommunications and Transportation,” the Texas State Transportation Planning Conference, Corpus Christi, May 1997. Invited Speaker.
- “Telecommunications and Nonwork Travel: Testing for Substitution,” the 76th Annual Meeting of the Transportation Research Board, January 1997.
- “Travel Behavior Issues Related to Neo-Traditional Developments,” a Conference on Urban Design, Telecommunication, and Travel Behavior as a part of the Travel Model Improvement Program, Williamsburg, VA, October 1996. Invited Speaker.
- “Walkable, Livable Communities,” Building Livable Communities Through Transportation,” a Workshop Sponsored by the Austin Neighborhoods Council and the U.S. Department of Transportation, October 1996. Invited Speaker.
- “Non-Work Travel Choices of Women: Patterns, Perceptions, and Preferences,” the Second National Conference on Women's Travel Issues, Baltimore, MD, October 1996.
- “Telecommunications and Nonwork Travel: Testing for Substitution,” the 1996 Association of Collegiate Schools of Planning - Association of European Schools of Planning Joint International Congress, Toronto, July 1996.
- “From Walking to the Web: The Search for Effective Strategies for Reducing Automobile Dependence,” the Institute for Transportation Studies, the University of California at Davis, February 1996. Invited Speaker.
- “The Power of Design to Alter Travel Behavior,” Conference on The Influences of New Urbanism, the Lincoln Institute of Land Policy, Cambridge, MA, December 1995. Invited speaker.

PRESENTATIONS: continued

- “Measuring Accessibility: An Exploration of Issues and Methodologies,” the 1995 Conference of the Association of Collegiate Schools of Planning, Detroit, MI, October 1995.
- “Methodologies for Exploring the Link Between Urban Form and Travel Behavior,” the 1995 Conference of the Association of Collegiate Schools of Planning, Detroit, MI, October 1995.
- “Expanding Travel Choice Through Design,” the 16th International Pedestrian Conference, Boulder, CO, October 1995. Invited speaker.
- “Understanding the Link Between Urban Form and Travel Behavior,” the Transportation Planning Methods Applications Conference, Seattle, WA, April 1995.
- “Understanding the Link Between Urban Form and Travel Behavior,” the 74th Annual Meeting of the Transportation Research Board, January 1995.
- “Telecommuting as a Travel Reduction Strategy: Evidence and Outlook,” the 1994 Conference of the Association of Collegiate Schools of Planning, Phoenix, AZ, November, 1994.
- “Planning Responsive Transportation: Strategies for Reducing Automobile Dependence,” the 1994 Annual Conference of the Nevada Chapter of the American Planning Association, Las Vegas, NV, September 1994. Invited speaker.
- “A Review of Recent Studies of the Transportation and Energy Impacts of Telecommuting,” the 73rd Annual Meeting of the Transportation Research Board, January 1994.
- “The Land Use - Travel Question: Research Needs,” the 73rd Annual meeting of the Transportation Research Board, January 1994. Invited speaker.
- “Non-Work Travel Patterns Among Suburban Communities of Different Land Use Mixes,” The Role of Land Use Strategies for Improving Transportation and Air Quality, Policy and Research Symposium Series, the Public Policy Program, UCLA Extension, November 1993. Invited speaker.
- “The Evolution of Accessibility,” the 1993 Conference of the Association of Collegiate Schools of Planning, Philadelphia, PA, October, 1993.
- “Regional versus Local Accessibility: Implications for Non-Work Travel,” the 72nd Annual Meeting of the Transportation Research Board, January 1993.
- “Regional versus Local Accessibility: Neo-Traditional Development and its Implications for Non-Work Travel,” the 1992 Conference of the Association of Collegiate Schools of Planning, Columbus, OH, October, 1992.
- “Three Perspectives on the Function of Transportation Models: Rational, Political, or Interactive,” the 71st Annual Meeting of the Transportation Research Board, January 1992.
- “Regional versus Local Accessibility: Implications for Travel Patterns,” the 1991 Association of Collegiate Schools of Planning/Association of European Schools of Planning Joint Congress, Oxford, England, July 1991.

WORKSHOPS AND PANELS:

- Discussant, Conference on Health and Active Travel, Transportation Research Board, Washington, DC, December 2019.
- Discussant, The Future of Transportation, 5th Annual Public Policy Conference, Chapman University, Orange, CA, February 2019.
- Moderator, UTC Spotlight Conference on Pedestrian and Bicycle Safety, Washington, DC, December 2016.
- Presenter, Three Revolutions Inaugural Conference, Davis, CA, November 2016.

WORKSHOPS AND PANELS: continued

- Presenter, TRB Workshop on Greenhouse Gas Analysis: Tools and Methodologies in Practice, Washington, DC, January 2016.
- Facilitator, Department of Energy Workshop on Shaping the Transportation Revolution, Sacramento, CA, October 2015.
- Moderator, "Bicycling Means Business: The Economic and Business Benefits of Bicycling," Advancing Bicycling in the Capital Region, Sacramento, CA, September 2015.
- Participant, Land Use and Transportation Workshop, Shaanxi Normal University, Xi'an, China, June 2014.
- Participant, Built Environment Assessment Tools (BEAT) Think Tank, Philadelphia, July 2013.
- Participant, Think Tank on the Future of Urban Transportation, Swedish Royal Institute of Technology, Stockholm, October 2012 and June 2013.
- Participant, Active Transportation Expert Panel, Centers for Disease Control and Prevention, Atlanta, GA, March 2012.
- Faculty Member, Built Environment Assessment Training Institute, U.S. Department of Agriculture, Seattle, WA, June 2011.
- Faculty Member, Built Environment Assessment Training Institute, U.S. Department of Agriculture, Philadelphia, PA, June 2010.
- Faculty Member, Built Environment Assessment Training Institute, U.S. Department of Agriculture, San Diego, CA, June 2009.
- Participant and Speaker, Time Use Observatory Workshop, Santiago, Chile, January 2009.
- Participant, International Workshop on Delivering Sustainable Infrastructure; Auckland, New Zealand; December 2008.
- Faculty Member, Physical Activity and Public Health: A Postgraduate Course on Research Directions and Strategies, Centers for Disease Control and Prevention, Park City, UT, September 2008.
- Faculty Member, Physical Activity and Public Health: A Postgraduate Course on Research Directions and Strategies, Centers for Disease Control and Prevention, Park City, UT, September 2006.
- Faculty Member, Physical Activity and Public Health: A Postgraduate Course on Research Directions and Strategies, Centers for Disease Control and Prevention, Sea Pines, SC, September 2005.
- Faculty Member, Physical Activity and Public Health: A Postgraduate Course on Research Directions and Strategies, Centers for Disease Control and Prevention, Park City, UT, September 2004.
- Speaker, Roundtable on Integrating Health and Physical Activity Goals Into Transportation Planning, U.S. Department of Transportation, Portland, OR, January 2004.
- Speaker, Workshop on Physical Activity, Health, Transportation, and Land Use, Transportation Research Board and Institute of Medicine Committee, Washington, DC, December 2003.
- Rapporteur, Roundtable 124: Transportation and Spatial Policies: The Role of Regulatory and Fiscal Incentives, European Conference of Ministers of Transport, Paris, 2002.
- Participant, Educating Infrastructure Professionals to Make a Difference, Institute for Civil Infrastructure Systems, New York University, 2002.
- Participant, Transportation Environmental Research Needs Conference, Transportation Research Board, Washington, DC, 2002.

WORKSHOPS AND PANELS: continued

Speaker, 2002 FHWA Livability Forum, Federal Highway Administration, Washington, DC, 2002.

Speaker, Research Priorities Workshop, sponsored by the Surface Transportation Cooperative Research Program of the National Research Council, Washington, DC, 2000.

Participant, Thinking Beyond the Pavement: A National Workshop on Integrating Highway Development with Communities and the Environment, Maryland Department of Transportation, American Association of State Highway and Transportation Officials, and Federal highway Administration, 1998.

Co-Facilitator, Aesthetics and Visual Quality Panel of the Environmental Research Needs in Transportation Conference, Transportation Research Board, 1997.

Participant, Research Agenda for Transportation Reform Workshop, sponsored by the Surface Transportation Policy Project, the Energy Foundation, and the Alliance for Transportation Research, Albuquerque, NM, 1997.

Participant, Conference on Land Use Models, Travel Model Improvement Program, U.S. Department of Transportation, 1995.

Participant, Conference on Transportation Models, Travel Model Improvement Program, U.S. Department of Transportation, 1994.

Participant, Workshop on the Development of the Federal Highway Administration's Biennial Report to Congress, Tucson, AZ, 1994.