

**CURRICULUM VITAE  
UNIVERSITY OF WISCONSIN-MILWAUKEE**

**1. Name of Candidate**

Robert James Schneider, Ph.D.  
Department of Urban Planning  
University of Wisconsin-Milwaukee  
Appointment: 9 Month Tenure Track  
Faculty Rank: Associate Professor

**2. General Information**

**2.1 Formal education (include institutions, dates degrees obtained, areas of specialty).**

- 2.1.1. University of California, Berkeley: Doctor of Philosophy in City and Regional Planning—Dissertation: “Understanding Sustainable Transportation Choices: Shifting Routine Automobile Travel to Walking and Bicycling” (May 2011)
- 2.1.2. University of North Carolina at Chapel Hill: Master of Regional Planning—Specialization: Transportation and Land Use (May 2001)
- 2.1.3. Augustana College, Rock Island, IL: Bachelor of Arts—Majors: Geography and Mathematics (May 1999)

**2.2 Significant continuing education (major training, seminars, courses, post doc education, including certification and licensing requiring continuing education, etc.) not to include professional meeting at which an individual is a presenter.**

- 2.2.1. American Institute of Certified Planners, Certificate #018873 (2003-present)
- 2.2.2. Eno Transportation Foundation Fellow, Washington, DC (2009)

**2.3 Academic and professional positions held (list chronologically with no time left unaccounted for).**

- 2.3.1. University of Wisconsin-Milwaukee Department of Urban Planning: Associate Professor (2016-present)
- 2.3.2. University of Wisconsin-Milwaukee Department of Urban Planning: Assistant Professor (2013-2016)
- 2.3.3. University of California, Davis Sustainable Transportation Center: Post-Doctoral Researcher (2011-2012)
- 2.3.4. University of California, Berkeley Safe Transportation Research & Education Center: Post-Doctoral Researcher (2011-2012)
- 2.3.5. University of California, Berkeley Safe Transportation Research & Education Center: Graduate Student Researcher (2007-2011)
- 2.3.6. Toole Design Group, LLC: Project Manager (2001-2007); Includes time when office was part of Sprinkle Consulting, Inc. (2001-2002)
- 2.3.7. University of North Carolina Highway Safety Research Center: Graduate Assistant (1999-2001)
- 2.3.8. Wisconsin Department of Transportation: Planning Intern (1999)
- 2.3.9. City of Rock Island, IL: Planning and Redevelopment Department Intern (1998)

### 3. Research, Scholarship, and Professional Activities

#### 3.1 Articles and papers published or accepted for publication in academic and professional print and electronic journals (indicate method of selection – e.g., invited or refereed).

##### *Travel Behavior Articles*

- 3.1.1. Currans, K.M., G. Abou-Zeid, K.J. Clifton, A. Howell, and **R.J. Schneider**. “Improving Transportation Impact Analyses for Subsidized Affordable Housing Developments: A Data Collection and Analysis of Motorized Vehicle and Person Trip Generation,” *Cities*, Volume 103, DOI: <https://doi.org/10.1016/j.cities.2020.102774>, 2020. (refereed)
- 3.1.2. Griswold, J.B., A. Medury, **R.J. Schneider**, D. Amos, A. Li, and O. Grembek. “A Pedestrian Exposure Model for the California State Highway System,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Number 4, pp. 941-950, DOI: 10.1177/0361198119837235, 2019. (refereed)
- 3.1.3. **Schneider, R.J.** and J. Willman. “Move Closer and Get Active: How to Make Urban University Commutes more Satisfying,” *Transportation Research Part F: Traffic Psychology and Behavior*, Volume 60, 462-473, 2019. (refereed)
- 3.1.4. **Schneider, R.J.**, J. Kusch, A. Dressel, and R. Bernstein. “Can a Twelve-Week Intervention Reduce Barriers to Bicycling Among Overweight Adults in Low-Income Latino and Black Communities?” *Transportation Research Part F: Traffic Psychology and Behavior*, Volume 56, pp. 99-112, <https://doi.org/10.1016/j.trf.2018.03.023>, 2018. (refereed)
- 3.1.5. **Schneider, R.J.**, L. Hu, and J. Stefanich. “Exploring the Value of Detailed Environment Variables in Neighborhood Commute Mode Share Models,” *Journal of Transport and Land Use*, Volume 11, Number 1, pp. 921–938, 2018. (refereed)
- 3.1.6. **Schneider, R.J.**, L. Hu, and J. Stefanich. “Development of a Neighborhood Commute Mode Share Model Using Nationally-Available Data,” *Transportation*, <https://doi.org/10.1007/s11116-017-9813-z>, 2017. (refereed)
- 3.1.7. Hu, L. and **R.J. Schneider**. “Different Ways to get to the Same Workplace: How does Workplace Location Relate to Commuting by Different Income Groups?” *Transport Policy*, Volume 59, pp. 106-115, 2017. (refereed)
- 3.1.8. Bernstein, R., **R.J. Schneider**, W. Welch, A. Dressel, M. DeNomie, J. Kusch, and M. Sosa. “Biking for Health; Results of a Pilot Randomized Controlled Trial Examining the Behavioral, Fitness, and Health Impact of a Bicycling Intervention on Lower-Income Adults,” *Wisconsin Medical Journal*, Volume 116, pp. 154-160, 2017. (refereed)
- 3.1.9. Clifton, K.J., P.A. Singleton, C.D. Muhs, and **R.J. Schneider**. “Development of Destination Choice Models for Pedestrian Travel,” *Transportation Research Part A*, Volume 94, pp. 255-265, 2016. (refereed)
- 3.1.10. Clifton, K.J., P.A. Singleton, C.D. Muhs, and **R.J. Schneider**. “Representing Pedestrian Activity in Travel Demand Models: Framework and Application,” *Journal of Transport Geography*, Volume 52, pp. 111-122, 2016. (refereed)
- 3.1.11. **Schneider, R.J.** and J. Stefanich. “Neighborhood Characteristics that Support Bicycle Commuting: Analysis of the Top 100 United States Census Tracts,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2520, pp. 41-51, 2015. (refereed)
- 3.1.12. **Schneider, R.J.** “Local Environment Characteristics Associated with Walking and Taking Transit to Shopping Districts,” *Journal of Transport and Land Use*, Volume 8, Number 2, 2015. (refereed)
- 3.1.13. **Schneider, R.J.**, K. Shafizadeh, and S.L. Handy. “Method to Adjust Institute of Transportation Engineers Vehicle Trip-Generation Estimates in Smart-Growth Areas,” *Journal of Transport and Land Use*, Volume 8, Number 1, pp. 69-83, 2015. (refereed)

- 3.1.14. **Schneider, R.J.** and L. Hu. “Improving University Transportation Sustainability: Reducing Barriers to Campus Bus and Bicycle Commuting,” *The International Journal of Sustainability Policy and Practice*, Volume 11, Number 1, 2015. ISSN: 2325-1166. (refereed)
- 3.1.15. Hu, L. and **R.J. Schneider**. “Shifts between Automobile, Bus, and Bicycle Commuting in an Urban Setting,” *Journal of Urban Planning and Development*, Volume 141, Issue 2, 2014. (refereed)
- 3.1.16. **Schneider, R.J.**, S.L. Handy, and K. Shafizadeh. “Trip Generation for Smart Growth Projects,” *Access*, Number 45, pp. 9-15, Fall 2014. (invited and reviewed by editor)
- 3.1.17. **Schneider, R.J.** “Theory of Routine Mode Choice Decisions: An Operational Framework to Increase Sustainable Transportation,” *Transport Policy*, Volume 25, pp. 128-137, 2013. (refereed)
- 3.1.18. **Schneider, R.J.**, T. Henry, M.F. Mitman, L. Stonehill, and J. Koehler. “Development and Application of the San Francisco Pedestrian Intersection Volume Model,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2299, pp. 65-78, 2012. (refereed)
- 3.1.19. Clifton, K.J., K.M. Currans, A.C. Cutter, and **R.J. Schneider**. “Household Travel Surveys in Context-Based Approach for Adjusting ITE Trip Generation Rates in Urban Contexts,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2307, pp. 108-119, 2012. (refereed)
- 3.1.20. Griswold, J.B., A. Medury, and **R.J. Schneider**. “Pilot Models for Estimating Bicycle Intersection Volumes,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2247, pp. 1-7, 2011. (refereed)
- 3.1.21. **Schneider R.J.**, L.S. Arnold, and D.R. Ragland. “A Pilot Model for Estimating Pedestrian Intersection Crossing Volumes,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2140, pp. 13-26, 2009. (refereed)

#### *Safety Analysis Articles*

- 3.1.22. **Schneider, R.J.** “United States Pedestrian Fatality Trends, 1977 to 2016,” *Transportation Research Record: Journal of the Transportation Research Board*, DOI: 10.1177/0361198120933636, 2020. (refereed)
- 3.1.23. Al-Mahameed, F., X. Qin, **R.J. Schneider**, and M.R. Shaon. “Analyzing Pedestrian and Bicyclist Crashes at the Corridor Level: Structural Equation Modeling Approach,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2673, Number 7, pp. 308-318, DOI: <https://doi.org/10.1177/0361198119845353>, 2019. (refereed)
- 3.1.24. **Schneider, R.J.**, A. Sanatizadeh, M.R. Shaon, Z. He, and X. Qin. “Exploratory Analysis of Driver Yielding at Low-Speed, Uncontrolled Crosswalks in Milwaukee, Wisconsin,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2672, Number 35, pp. 21-32, DOI: 10.1177/0361198118782251, 2018. (refereed)
- 3.1.25. Shaon, M.R., **Schneider, R.J.**, X. Qin, Z. He, A. Sanatizadeh, and M.D. Flanagan. “Exploration of Pedestrian Assertiveness and Its Association with Driver Yielding Behavior at Uncontrolled Crosswalks,” *Transportation Research Record: Journal of the Transportation Research Board*, DOI: 10.1177/0361198118790645, 2018. (refereed)
- 3.1.26. **Schneider, R.J.**, J. Vargo, and A. Sanatizadeh. “Comparison of US Metropolitan Region Pedestrian and Bicyclist Fatality Rates,” *Accident Analysis and Prevention*, Volume 106, pp. 82-98, 2017. (refereed)
- 3.1.27. **Schneider, R.J.** and J. Stefanich. “Application of the Location-Movement Classification Method for Pedestrian and Bicycle Crash Typing,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2601, pp. 72-83, 2016. (refereed)

- 3.1.28. **Schneider, R.J.** and R.L. Sanders. “Pedestrian Safety Practitioners’ Perspectives of Driver Yielding Behavior across North America,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2519, pp. 39-50, 2015. (refereed)
- 3.1.29. **Schneider, R.J.** “Walk or Drive Between Stores? Designing Neighborhood Shopping Districts for Pedestrian Activity,” *Journal of Urban Design*, Volume 20, Number 2, pp. 212-229, 2015. (refereed)
- 3.1.30. **Schneider, R.J.**, O. Grembek, and M. Braughton. “Pedestrian Crash Risk on Boundary Roadways: A University Campus Case Study,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2393, pp. 164-173, 2013. (refereed)
- 3.1.31. Cooper, J.F., **R.J. Schneider**, S. Ryan, and S. Co. “Documenting Targeted Behaviors Associated with Pedestrian Safety,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2299, pp. 1-10, 2012. (refereed)
- 3.1.32. **Schneider, R.J.**, M.C. Diogenes, L.S. Arnold, V. Attaset, J. Griswold, and D.R. Ragland. “Association between Roadway Intersection Characteristics and Pedestrian Crash Risk in Alameda County, California,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2198, pp. 41-51, 2010. (refereed)
- 3.1.33. Hummer, J.E., N. Roupail, R.G. Hughes, S.J. Fain, J.L. Toole, R.S. Patten, **R.J. Schneider**, J.F. Monahan, and A. Do. “User Perceptions of the Quality of Service on Shared Use Paths,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 1939, Transportation Research Board, 2005. (refereed)
- 3.1.34. **Schneider, R.J.**, R.M. Ryznar, and A.J. Khattak. “An Accident Waiting to Happen: a Spatial Approach to Proactive Pedestrian Planning,” *Accident Analysis and Prevention*, Volume 36, pp. 193-211, 2004. (refereed)
- 3.1.35. **Schneider, R.J.**, A.J. Khattak, and C.V. Zegeer. “A Proactive Method of Improving Pedestrian Safety Using GIS: Example from a College Campus,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 1773, Transportation Research Board, 2002. (refereed)

#### *Performance Measurement Articles*

- 3.1.36. Griswold, J.B., A. Medury, **R.J. Schneider**, and O. Grembek. “Comparison of Pedestrian Count Expansion Methods: Land Use Groups versus Empirical Clusters,” *Transportation Research Record: Journal of the Transportation Research Board*, DOI: 10.1177/0361198118793006, 2018.
- 3.1.37. Singleton, P., J.C. Totten, J.P. Orrego-Oñate, **R.J. Schneider**, and K.J. Clifton. “Making Strides: State of the Practice of Pedestrian Forecasting in Regional Travel Models,” *Transportation Research Record: Journal of the Transportation Research Board*, DOI: 10.1177/0361198118773555, 2018.
- 3.1.38. Dressel, A., **R.J. Schneider**, M. Denomie, J. Kusch, W. Welch, M. Sosa, S. Yeldell, T. Maida, J. Wineberg, K. Holt, and R. Bernstein. “Assessing Health Promotion Interventions: Limitations of Traditional Research Methods in Community-Based Studies,” *Health Promotion Practice*, Volume 19, Issue 4, DOI: 10.1177/1524839917725489, 2018. (refereed)
- 3.1.39. Proulx, F.R., **R.J. Schneider**, and L.F. Miranda-Moreno. “Performance Evaluation and Correction Functions for Automated Pedestrian and Bicycle Counting Technologies,” *Journal of Transportation Engineering*, Volume 142, Number 3, 10.1061/(ASCE)TE.1943-5436.0000828, 04016002, 2016. (refereed)
- 3.1.40. **Schneider, R.J.** “Measuring Transportation at a Human Scale: An Intercept Survey Approach to Capture Pedestrian Activity,” *Journal of Transport and Land Use*, Volume 6, Number 3, pp. 43-59, 2013. (refereed)

- 3.1.41. **Schneider, R.J.**, K. Shafizadeh, B.R. Sperry, and S.L. Handy. “Methodology to Gather Multimodal Trip Generation Data in Smart-Growth Areas,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2354, pp. 68-85, 2013. (refereed)
- 3.1.42. Miranda-Moreno, L.F., T. Nosal, **R.J. Schneider**, and F. Proulx. “Classification of Bicycle Traffic Patterns in Five North American Cities,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2339, pp. 68-79, 2013. (refereed)
- 3.1.43. **Schneider, R.J.** and S. Pande. “How Common is Pedestrian Travel To, From, and Within Shopping Districts?” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2299, pp. 11-21, 2012. (refereed)
- 3.1.44. **Schneider, R.J.**, L.S. Arnold, and D.R. Ragland. “A Methodology for Counting Pedestrians at Intersections: Using Automated Counters to Extrapolate Weekly Volumes from Short Manual Counts,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 2140, pp. 1-12, 2009. (refereed)
- 3.1.45. **Schneider, R.J.**, L.C. Dunbar, J.L. Toole, and C. Flink. “Avoiding Biased Interpretation of Bicycle Surveys: Comparing Results from Four Distribution Methods in Winston-Salem, NC,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 1982, Transportation Research Board, 2006. (refereed)
- 3.1.46. **Schneider, R.J.**, R.S. Patten, and J.L. Toole. “Case Study Analysis of Pedestrian and Bicycle Data Collection in United States Communities,” *Transportation Research Record: Journal of the Transportation Research Board*, Volume 1939, Transportation Research Board, 2005. (refereed)

*Other Articles*

- 3.1.47. **Schneider, R.J.**, S. Kothuri, L. Blackburn, K. Manaugh, L. Sandt, and J. Fish. *Pedestrian Transportation Research: Past and Future*, Transportation Research Board Centennial Paper, <http://onlinepubs.trb.org/onlinepubs/centennial/papers/ANF10-Final.pdf>, 2020. (invited and reviewed by editor)
- 3.1.48. **Schneider, R.**, E. Raynault, and R. Buehler, “Assessing Active Transportation and Health: Conference Highlights Innovative Practices and Research,” *TR News*, Volume 299, pp. 47-49, September-October 2015. (invited)
- 3.1.49. Goodman, D., **R. Schneider**, and T. Griffiths. “Put Your Money Where the People Are,” *Planning*, June 2009. (invited and reviewed by editor)
- 3.1.50. **Schneider, R.J.** “Changing Institutional Structures to Improve the Coordination of Land Use and Transportation in the Research Triangle Region, North Carolina,” *Carolina Planning*, Spring 2001. (refereed)

**3.2 Books, monographs, and other publications published by major university or commercial publishing houses and other appropriate publishers.**

**3.3 Chapters in books published by appropriate publishers (indicate method of selection).**

- 3.3.1. **Schneider, R.J.** “Mode Share/Mode Choice,” *Encyclopedia of Transportation*, SAGE Publications, 2014. (invited and reviewed by editor)
- 3.3.2. **Schneider, R.J.** “Pedestrian Safety,” *Encyclopedia of Transportation*, SAGE Publications, 2014. (invited and reviewed by editor)

**3.4 Proprietary and non-proprietary technical reports.**

**3.5 Training manuals (indicate publisher, method of selection, and range of distribution).**

**3.6 Computer software (indicate publisher, method of selection, and range of distribution).**

**3.7 Instructional aids (indicate publisher, method of selection, and range of distribution).**

**3.8 Psychometric and evaluative instruments (indicate publisher, method of selection, and range of distribution).**

**3.9 Research projects conducted and grants received (indicate source and amount).**

*Grants Received as UWM Principal Investigator*

- 3.9.1. Wisconsin Department of Transportation, Pedestrian Exposure Data for the Wisconsin State Highway System: WisDOT Southeast Region Pilot Study (2019-2020) (\$50,000)
- 3.9.2. Wisconsin Department of Transportation, Comprehensive Evaluation of DT4000 Data Quality for Pedestrian and Bike Crashes (2019-2020) (\$9,198)
- 3.9.3. Medical College of Wisconsin, Safe & Healthy Streets: Enhancing Systems to Increase Walking & Biking Infrastructure in Milwaukee (subconsultant to Wisconsin Bicycle Federation) (2018-2021) (\$9,296) (Updated to \$15,901)
- 3.9.4. UW-Madison Global Health Institute, Gender Analysis and Global Learning for Safe and Healthy Streets: Implementing a Complete Streets Policy in Milwaukee, WI (subconsultant to UW-Madison Department of Urban Planning and Landscape Architecture) (2019-2020) (\$7,000)
- 3.9.5. Medical College of Wisconsin, Transportation Injury Impacts of Streetcar System Development (2018-2019) (\$8,166)
- 3.9.6. Milwaukee Department of Public Works, City of Milwaukee Pedestrian Master Plan (subconsultant to Toole Design Group) (2017-2018) (\$27,000)
- 3.9.7. Wisconsin Department of Transportation, Identifying Highly Correlated Variables Relating to the Potential Causes of Reportable Wisconsin Traffic Crashes (2016-2018) (\$3,600)
- 3.9.8. Wisconsin Department of Transportation, High-Visibility Enforcement Evaluation (subconsultant to UW-Madison Traffic Operations and Safety Laboratory) (2016-2017) (\$30,000)
- 3.9.9. National Cooperative Highway Research Program, Project 17-73: Systemic Pedestrian Safety Analyses (subconsultant to UNC Highway Safety Research Center) (2015-2018) (\$5,000)
- 3.9.10. University of Wisconsin Milwaukee, Research and Creative Activities Support Grant: Models to Estimate Pedestrian & Bicycle Commuting at the Neighborhood Level (2015-2016) (\$25,000)
- 3.9.11. University of California, Berkeley, Safe Transportation Research and Education Center: California Pedestrian Safety Improvement Program (2015-present) (\$10,000)
- 3.9.12. National Cooperative Highway Research Program: Project 07-19, Methods and Technologies for Collecting Pedestrian and Bicycle Volume Data, Phase 2 (subconsultant to Kittelson Associates) (2015-2016) (\$3,500)
- 3.9.13. Seattle Department of Transportation, Seattle Pedestrian and Bicycle Safety Analysis (subconsultant to Toole Design Group) (2015-2016) (\$5,000)
- 3.9.14. Medical College of Wisconsin, Clinical & Translational Science Institute of Southeast Wisconsin (CTSI), Biking for Health: Testing the Benefits of a Bicycle Intervention in a Low-Income Community (2015-2016) (\$7,300)

- 3.9.15. Wisconsin Department of Transportation, Wisconsin Statewide Pedestrian and Bicycle Crash Analysis, Phase 2 (2014-2015) (\$29,300)
- 3.9.16. Wisconsin Department of Transportation, Wisconsin Statewide Pedestrian and Bicycle Crash Analysis, Phase 1 (2014) (\$9,500)
- 3.9.17. National Cooperative Highway Research Program, Project 07-17, Pedestrian and Bicycle Transportation Along Existing Roads (subconsultant to Toole Design Group) (2013-2014) (\$30,900)
- 3.9.18. National Cooperative Highway Research Program, Project 07-19, Methods and Technologies for Collecting Pedestrian and Bicycle Volume Data (subconsultant to Kittelson Associates & UC Berkeley SafeTREC) (2013-2015) (\$16,800)

*Other Grants*

- 3.9.19. Environmental Protection Agency, Science to Achieve Results (STAR) Fellowship (2008-2011) (\$108,000)
- 3.9.20. University of California Transportation Center, Dissertation Fellowship (2010-2011) (\$20,000)
- 3.9.21. University of California Transportation Center, Student Fellowship (2007-2009) (\$44,700)

*Other Research Projects*

- 3.9.22. Federal Highway Administration IDEA Program, Pioneering Data Collection System Automated by Deep Learning and Image Processing Techniques for Major Pedestrian Facilities from Aerial Images Augmented by Crowdsourcing and Street View Data (subconsultant to University of Southern Mississippi) (2018-present) (\$2,000)
- 3.9.23. University of Wisconsin-Milwaukee, Office of Sustainability, UWM Campus Travel Survey (2017) (\$3,000)
- 3.9.24. California Department of Transportation, Affordable Housing Trip Generation Strategies and Rates (subconsultant to Portland State University) (2015-2018) (\$20,500)
- 3.9.25. Federal Highway Administration, Pedestrian and Bicycle Information Center: Metropolitan Planning Organization Pedestrian and Bicycle Counting Pilot Project (subconsultant to UNC Highway Safety Research Center) (2015) (\$2,000)
- 3.9.26. Federal Highway Administration, Pedestrian and Bicycle Information Center: University Campus Pedestrian and Bicycle Safety Web Pages (subconsultant to UNC Highway Safety Research Center) (2015) (\$4,000)
- 3.9.27. Federal Highway Administration, Pedestrian and Bicycle Information Center: Cycle Track Planning and Design Information (subconsultant to UNC Highway Safety Research Center) (2013-2014) (\$3,600)
- 3.9.28. Oregon Transportation Research and Education Consortium/National Institute for Transportation and Communities, Improving the Representation of the Pedestrian Environment in Travel Demand Models (subconsultant to Portland State University) (2011-2015) (\$25,000)
- 3.9.29. UWM School of Architecture and Urban Planning, Start-up package funding for 2-semester graduate research assistant, The Top 100 United States Census Tracts for Bicycle and Pedestrian Commuting: Identifying Neighborhood-Level Characteristics that Support Sustainable Transportation (with Joe Stefanich, UW-Milwaukee, Research Assistant) (2013-2014) (~\$20,000)
- 3.9.30. Unfunded, Understanding Where and Why Drivers Yield to Pedestrians: Implications for Pedestrian Safety (with Rebecca Sanders, UC Berkeley SafeTREC, Co-Investigator) (2013-2014)
- 3.9.31. UWM School of Architecture and Urban Planning, Start-up package: City of Milwaukee Pedestrian and Bicycle Counts (with Community Design Solutions) (2013-2014) (\$1,500)

- 3.9.32. California Department of Transportation, Smart Growth Trip Generation Rates (UC Davis Institute of Transportation Studies) (2011-2013)
- 3.9.33. California Department of Transportation, Pedestrian Safety Improvement Program (UC Berkeley SafeTREC) (2011-2012)
- 3.9.34. University of California, Berkeley, Pedestrian and Bicycle Safety Strategies for UC Berkeley Campus and Periphery: Recommendations for Implementation (UC Berkeley SafeTREC) (2010-2012)
- 3.9.35. San Francisco Bay Area Metropolitan Transportation Commission, Safe Routes to Transit Evaluation and Pedestrian and Bicycle Counts (UC Berkeley SafeTREC, subconsultant to Fehr & Peers Transportation Consultants) (2010-2012)
- 3.9.36. San Francisco Municipal Transportation Agency, San Francisco Pedestrian Intersection Volume Model (UC Berkeley SafeTREC, subconsultant to Fehr & Peers Transportation Consultants) (2010-2011)
- 3.9.37. Federal Highway Administration, Pedestrian Safety Strategic Plan (subconsultant to VHB) (2010)
- 3.9.38. National Cooperative Highway Research Program, Update Of The AASHTO Guide For The Planning, Design And Operation Of Pedestrian Facilities (subconsultant to Toole Design Group) (2009)
- 3.9.39. California Department of Transportation and Alameda County Transportation Improvement Authority, Alameda County Pedestrian and Bicycle Counting and Modeling Project (UC Berkeley SafeTREC) (2007-2009)
- 3.9.40. City of Santa Monica, CA, Santa Monica General Plan Land Use and Circulation Element (subconsultant to Fehr & Peers Transportation Consultants) (2009)
- 3.9.41. Federal Highway Administration, Pedestrian and Bicycle Data Collection in United States Communities (Toole Design Group, subconsultant to UNC Highway Safety Research Center) (2005)
- 3.9.42. Transit Cooperative Research Program, Synthesis #62: Integration of Bicycles and Transit, (Toole Design Group) (2005)
- 3.9.43. Federal Highway Administration, Shared-Use Path Level of Service Calculator: A Users Guide (Toole Design Group, subconsultant to NC State University) (2005)
- 3.9.44. Federal Highway Administration, PEDSAFE: Pedestrian Best Practice Case Studies (Toole Design Group, subconsultant to UNC Highway Safety Research Center) (2001-2002)
- 3.9.45. Regional Transportation Commission of Southern Nevada, Las Vegas Bicycle Travel Origin and Destination Survey (Sprinkle Consulting, Inc.) (2001)
- 3.9.46. Southeastern Transportation Center, Rollover Crash Risk Factors in Large Truck Rollovers and Injury Severity: Analysis of Single-Vehicle Collisions (for Asad Khattak, Carolina Transportation Program) (2001)
- 3.9.47. Federal Highway Administration, Pedestrian Facilities Users Guide: Providing Safety and Mobility (UNC Highway Safety Research Center) (2000-2001)
- 3.9.48. North Carolina Department of Transportation, Severe Crash Factors and Countermeasures in North Carolina (UNC Highway Safety Research Center) (2000-2001)
- 3.9.49. Federal Highway Administration, A Review of the Impacts of the Towaway Reporting Threshold on North Carolina's Highway Safety Program (UNC Highway Safety Research Center) (2000-2001)

### **3.10 Book reviews, editorials, interviews, and other minor publications.**

- 3.10.1. Schneider, R.J. “‘Complete Streets’ Policies and Eliminating Pedestrian Fatalities,” *American Journal of Public Health*, Volume 108, Number 4, pp. 431-433, 2018.



- 3.10.2. Schneider, R.J. "Walking: Connecting Sustainable Transport with Health," Review of book edited by Corinne Mulley, Klaus Gebel, and Ding Ding, Bingley, United Kingdom, Emerald Publishing Limited, 2017, 427 pp.,” *Transport Reviews*, DOI: 10.1080/01441647.2018.1461145, 2018.

**3.11 Papers and other presentations at academic and professional meetings (indicate method of selection, audience, formal paper or notes).**

- 3.11.1. "Far from Zero: United States Pedestrian Fatality Trends, 1977-2016," Presented at Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~50 people (January 2020) (proposal selected)
- 3.11.2. "US Fatal Pedestrian Crash Hot Spot Locations and Characteristics," Presented at Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~50 people (January 2020) (proposal selected)
- 3.11.3. "Pedestrian Fatalities in Darkness: What Do We Know, and What Can Be Done?" Presented at Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~50 people (January 2020) (proposal selected)
- 3.11.4. "Far from Zero: US Pedestrian Fatality Trends, 1977-2016," Association of Collegiate Schools of Planning Conference, Greenville, SC, Audience ~20 people (October 2019) (proposal selected)
- 3.11.5. "Counting Street Crossings in Milwaukee: Development and Application of a new Pedestrian Volume Model," UW-Milwaukee Department of Urban Planning Innovative Cities Lecture, Milwaukee, WI, Audience ~25 people (October 2019) (invited speaker)
- 3.11.6. "Gender Analysis for Safe and Healthy Streets Lessons for Inclusive Complete Streets Policy Implementation," Presented at UW-Milwaukee Healthy People for a Healthy Planet Conference, with Carey McAndrews and Cassandra Leopold, Milwaukee, WI, Audience ~25 people (September 2019) (proposal selected)
- 3.11.7. "How can 'Smart Mobility' Advance while Keeping People First? A Pedestrian Imperative for Future Communities," Keynote presentation at Western Michigan University Transportation Research Center for Livable Communities 6<sup>th</sup> Summer Conference on Livable Communities, Kalamazoo, MI, Audience ~60 people (June 2019) (invited speaker)
- 3.11.8. "Use of Police Reports and Emergency Medical Services Records for more Complete Transportation Injury Analysis: Exploration of Bicyclist Injuries in Milwaukee, WI," Presented at Wisconsin Emergency Medicine Research Forum, Milwaukee, WI, Poster audience ~50 people (April 2019) (proposal selected)
- 3.11.9. "How to Make Walking & Bicycling Routine: Examples from Leading Communities," Augustana College, Augustana Geography Department Map 'N' Much Public Presentation, Rock Island, IL, Audience ~30 people (January 2019) (invited speaker)
- 3.11.10. "Risk Factors Associated with Uncontrolled Pedestrian Crossings: Research on Exposure, Behavior, and Design," Presented at Transportation Research Board Annual Meeting, Washington, DC, Uncontrolled Pedestrian Crossings Workshop, Audience ~50 people (January 2019) (invited speaker)
- 3.11.11. "How do Intersections with High Pedestrian Crash Rates Differ from Others?" Presented at Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~50 people (January 2019) (proposal selected)

- 3.11.12. “Innovative Approaches to Identify and Overcome Pedestrian Barriers in Milwaukee,” Wisconsin Governor’s Conference on Highway Safety, Lake Geneva, WI, Audience ~30 people (August 2018) (invited speaker)
- 3.11.13. “Innovative Approaches to Identify and Overcome Pedestrian Barriers in Milwaukee,” Wisconsin Tribal Transportation Safety Summit, Lake Geneva, WI, Audience ~15 people (August 2018) (invited speaker)
- 3.11.14. “Traffic Injury Impacts of Streetcar Systems: Police, EMS, and Contextual Data from Multiple Cities,” International Traffic Records Forum, Milwaukee, WI, Audience ~20 people (August 2018) (proposal selected)
- 3.11.15. “Detailed Analysis of Wisconsin Pedestrian and Bicycle Police Crash Report Narratives,” International Traffic Records Forum, Milwaukee, WI, Audience ~30 people (August 2018) (proposal selected)
- 3.11.16. “Innovative Approaches to Identify and Overcome Pedestrian Barriers in Milwaukee,” Western Michigan University Transportation Research Center for Livable Communities, 5<sup>th</sup> Annual Summer Conference on Livable Communities, Kalamazoo, MI, Audience ~40 people (June 2018) (invited speaker)
- 3.11.17. Future Milwaukee, Marquette University. “Weaving Urban Development and Transportation in Milwaukee,” Panel discussion organized by Christine Hill, Milwaukee, WI, Audience ~25 people (February 2018) (invited panelist)
- 3.11.18. “Exploratory Analysis of Driver Yielding at Low-Speed, Uncontrolled Crosswalks in Milwaukee, Wisconsin,” Presented at Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~50 people (January 2018) (proposal selected)
- 3.11.19. “Evidence of Inequality in the Distribution of Pedestrian Crashes,” Presented at Transportation Research Board Annual Meeting, Washington, DC, Audience ~100 people (January 2018) (invited speaker)
- 3.11.20. “Planning for Bus Rapid Transit in the Milwaukee Region,” American Planning Association-Wisconsin Chapter Conference, Milwaukee, WI, Audience ~120 people (October 2017) (invited panel moderator and speaker)
- 3.11.21. “Insights into Differences Among US Metropolitan Region Bicyclist Fatality Rates,” Association of Collegiate Schools of Planning Conference, Denver, CO, Audience ~20 people (October 2017) (proposal selected)
- 3.11.22. “Pedestrian Safety: Data and Strategies to Help Reverse a Troubling Trend,” Western Michigan University, Kalamazoo, MI, Audience ~30 people (September 2017) (invited speaker)
- 3.11.23. “Data for Pedestrian Demand Modeling,” Portland State University, National Institute for Transportation and Communities Summit, Portland, OR, Audience ~15 people (September 2017) (invited speaker)
- 3.11.24. “Exploring the Importance of Detailed Environment Variables in Neighborhood Commute Mode Share Models,” World Symposium on Land Use and Transportation Research, Brisbane, Australia, Audience ~25 people (July 2017) (proposal selected)
- 3.11.25. “Milwaukee’s Path to Platinum Bicycle Initiative,” Wisconsin Bicycle Summit, Milwaukee, WI, Audience ~30 people (May 2017) (invited speaker)
- 3.11.26. Future Milwaukee, Marquette University. “Weaving Urban Development and Transportation in Milwaukee,” Panel discussion organized by Christine Hill, Milwaukee, WI, Audience ~30 people (April 2017) (invited panelist)
- 3.11.27. “Lessons Learned from the Wisconsin Pedestrian and Bicycle Crash Analysis,” Green Lake County Traffic Safety Committee, Green Lake, WI, Audience ~15 people (April 2017) (invited speaker)
- 3.11.28. “Strategies to Make Walking & Bicycling Routine: Examples from Leading Communities,” University of Wisconsin-La Crosse, Public Presentation, La Crosse, WI,

- <https://mymedia.uwlax.edu/Mediasite/Play/f8ac79505c7844ebadd9f670851644cd1d>, Audience ~150 people (March 2017) (invited speaker)
- 3.11.29. "Comparison of U.S. Metropolitan Region Fatal Pedestrian and Bicycle Crash Rates," Transportation Research Board Annual Meeting, Washington, DC, 2017, Audience ~100 people (January 2017) (proposal selected)
  - 3.11.30. "What is 'Driver Yielding Culture'? Can Communities Grow It to Improve Pedestrian Safety?" Presented at Transportation Research Board Annual Meeting, Washington, DC, 2017, Audience ~80 people (January 2017) (invited speaker)
  - 3.11.31. "Comparison of U.S. Metropolitan Region Pedestrian and Bicycle Fatality Rates," Transportation Research Board, University Transportation Center Spotlight Conference on Pedestrian and Bicycle Safety, Washington, DC, Audience ~120 people (December 2016) (proposal selected)
  - 3.11.32. "Development and Validation of an Easy-to-Use Neighborhood Commute Mode Share Model," Association of Collegiate Schools of Planning Conference, Portland, OR, Audience ~20 people (November 2016) (proposal selected)
  - 3.11.33. "Lessons Learned from the Wisconsin Pedestrian and Bicycle Crash Analysis," Mid-Continent Transportation Research Symposium, Madison, WI, Audience ~30 people (October 2016) (invited speaker)
  - 3.11.34. "Milwaukee Biking for Health Study," ProBike/ProWalk/ProPlace Conference, Vancouver, BC, Audience ~120 people (September 2016)
  - 3.11.35. "Lessons Learned from the Wisconsin Pedestrian and Bicycle Crash Analysis," Wisconsin Governor's Conference on Highway Safety, Green Bay, WI, Audience ~30 people (August 2016) (invited speaker)
  - 3.11.36. "Milwaukee's Path to Platinum Bicycle Initiative" Milwaukee Business Improvement District Council Meeting, Milwaukee, WI, Audience ~40 people (August 2016) (invited speaker)
  - 3.11.37. "Bus Rapid Transit: A New, Fast Transit Option for the Milwaukee Region?" School of Architecture and Urban Planning Design and Development Forum, Milwaukee, WI, Audience ~80 people (April 2016) (invited speaker)
  - 3.11.38. "Application of the Location-Movement Classification Method for Pedestrian & Bicycle Crash Typing," Transportation Research Board Annual Meeting, Washington, DC, Poster audience ~100 people (January 2016) (proposal selected)
  - 3.11.39. "Wisconsin Pedestrian and Bicycle Crash Analysis," Wisconsin Bike Summit, Appleton, WI, Audience ~80 people (November 2015) (invited speaker)
  - 3.11.40. "Neighborhood Characteristics that Support Bicycle Commuting: Analysis of the Top 100 U.S. Census Tracts," Association of Collegiate Schools of Planning Conference, Houston, TX, Audience ~20 people (November 2015) (proposal selected)
  - 3.11.41. "Pedestrian and Bicycle Safety on University Campuses," Pedestrian and Bicycle Information Center Webinar, Audience ~200 people (October 2015) (invited speaker)
  - 3.11.42. "Methods & Technologies for Bicycles & Pedestrian Counting," Institute of Transportation Engineers Webinar, Audience ~50 people (October 2015) (invited speaker)
  - 3.11.43. "Strategies to Make Walking & Bicycling Routine: Examples from Leading Communities," University of Wisconsin School of Medicine and Public Health, Training in Urban Medicine and Public Health (TRIUMPH) Program Class, Milwaukee, WI, Audience ~12 people (July 2015) (invited speaker)
  - 3.11.44. "Strategies to Make Walking & Bicycling Routine: Examples from Leading Communities," Urban Ecology Center Research Lecture Series, Milwaukee, WI, Audience ~10 people (May 2015) (invited speaker)

- 3.11.45. "Enhanced Bicycle Facilities," Southeastern Wisconsin Regional Planning Commission Enhanced Bicycle Facilities Workshop, Milwaukee, WI, with Kristin Bennett, Audience ~35 people (March 2015) (invited speaker)
- 3.11.46. "Pedestrian Safety Practitioners' Perspectives of Driver Yielding Behavior across North America," Transportation Research Board Annual Meeting, Washington, DC, Audience ~120 people (January 2015) (proposal selected)
- 3.11.47. "Four Challenges to Move Pedestrian & Bicycle Counting Programs Forward" Transportation Research Board Annual Meeting, Washington, DC, Audience ~80 people (January 2015) (invited speaker)
- 3.11.48. "Tools for Pedestrian and Bicycle Volume Data Collection," Transportation Research Board Webinar, Audience ~300 people (January 2015) (invited speaker)
- 3.11.49. "The ActiveTrans Priority Tool (APT): A Flexible, Data-Driven Methodology for Prioritizing Bicycle and Pedestrian Improvements along Existing Roads," Pedestrian and Bicycle Information Center Webinar Series, Audience ~500 people (December 2014) (invited speaker)
- 3.11.50. "Local Environment Characteristics Associated with Walking and Taking Transit to Shopping Districts," ACSP Conference, Philadelphia, PA, Audience ~30 people (November 2014) (proposal selected)
- 3.11.51. "Strategies to Increase Bicycle Commuting: Lessons from the Top 100 U.S. Neighborhoods," Wisconsin Bike Summit, Madison, WI, Audience ~50 people (October 2014) (invited speaker)
- 3.11.52. "Geographic Foundations of Sustainable Transportation: How Understanding Spatial Relationships can help Improve Walking and Bicycling," UW-Milwaukee Department of Geography Colloquium Presentation, Audience ~30 people (October 2014) (invited speaker)
- 3.11.53. "Understanding Where and Why Drivers Yield to Pedestrians: Implications for Pedestrian Safety," ProWalk/ProBike/ProPlace Conference, Pittsburgh, PA, Audience ~40 people (September 2014) (proposal selected)
- 3.11.54. "Taking Pedestrian and Bicycle Counting Programs to the Next Level: Lessons from NCHRP 07-19," ProWalk/ProBike/ProPlace Conference, Pittsburgh, PA, Audience ~30 people (September 2014) (proposal selected)
- 3.11.55. "The ActiveTrans Priority Tool (APT): A Flexible, Data-Driven Methodology for Prioritizing Bicycle and Pedestrian Improvements along Existing Roads," ProWalk/ProBike/ProPlace Conference, Pittsburgh, PA, Audience ~30 people (September 2014) (proposal selected)
- 3.11.56. "Accuracy and Implementation of Pedestrian and Bicycle Counting Technologies: Lessons from NCHRP 07-19," North American Travel Monitoring Exposition and Conference, Chicago, IL, Part of Workshop Presentation, Audience ~30 people (June 2014) (proposal selected)
- 3.11.57. "Method to Adjust Institute of Transportation Engineers Vehicle Trip-Generation Estimates in Smart-Growth Areas," World Society for Transportation and Land Use Research (WSTLUR) Conference, Delft, The Netherlands, Audience ~40 people (June 2014) (proposal selected)
- 3.11.58. "Local Environment Characteristics Associated with Walking and Taking Transit to Shopping Districts," World Society for Transportation and Land Use Research (WSTLUR) Conference, Delft, The Netherlands, Audience ~50 people (June 2014) (proposal selected)
- 3.11.59. "Method to Adjust Institute of Transportation Engineers Vehicle Trip-Generation Estimates in Smart-Growth Areas," Transportation Research Board Innovations in Travel Demand Forecasting Conference, Baltimore, MD, Audience ~50 people (April 2014) (proposal selected)

- 3.11.60. "Collection and Use of Data for Pedestrian & Bicycle Safety," Lifesavers: National Conference on Highway Safety Priorities, Nashville, TN, Audience ~50 people (April 2014) (invited Moderator)
- 3.11.61. "UWM Pedestrian & Bicycle Research Summary and Opportunities," UW-Milwaukee School of Architecture and Urban Planning Open House Presentation, Audience ~80 people (March 2014) (invited speaker)
- 3.11.62. "Method to Adjust Institute of Transportation Engineers Vehicle Trip-Generation Estimates in Smart-Growth Areas," Transportation Research Board Annual Meeting, Washington, DC, Audience ~80 people (January 2014) (proposal selected)
- 3.11.63. "Bicycle and Bus Commuting to an Urban Campus: Overcoming the Barriers," Transportation Research Board Annual Meeting, Washington, DC, Poster Audience ~100 people (January 2014)
- 3.11.64. "Objective Prioritization Rankings for Safety Improvements: Case Study of the UC Berkeley Campus and Periphery," Transportation Research Board Annual Meeting, Washington, DC, Audience ~50 people (January 2014) (workshop session selected; invited speaker)
- 3.11.65. "Teaching Pedestrian & Bicycle Transportation: Changes Over Time," Transportation Research Board Annual Meeting, Washington, DC, Audience ~30 people (January 2014) (invited speaker)
- 3.11.66. "Improving Pedestrian and Bicycle Connections Between Neighborhoods and Urban Waterfronts," Upper Mississippi River and Urban Waterfronts Joint Conference, Davenport, IA, Audience ~30 people (September 2013) (invited speaker)
- 3.11.67. "Method to Adjust Institute of Transportation Engineers' Vehicle Trip-Generation Estimates in Smart-Growth Areas," AESOP/ACSP Conference, Dublin, Ireland, Audience ~30 people (July 2013) (proposal selected)
- 3.11.68. "How to Access and Understand National Data Sources for Pedestrian and Bicycle Analysis," Association of Pedestrian and Bicycle Professionals Webinar Series, Audience ~50 people (June 2013) (invited speaker)
- 3.11.69. "Strategies to Increase Pedestrian and Bicycle Transportation," Sustainability Summit and Exposition, Milwaukee, WI, Audience ~30 people (poster) (March 2013) (invited poster presenter)
- 3.11.70. "Methodology to Gather Multimodal Trip Generation Data in Smart-Growth Areas," Transportation Research Board Annual Meeting, Washington, DC, Audience ~50 people (January 2013) (proposal selected)
- 3.11.71. "Pedestrian Crash Risk on Boundary Roadways: University Campus Case Study," Transportation Research Board Annual Meeting, Washington, DC, Audience ~30 people (poster) (January 2013) (proposal selected)
- 3.11.72. Schneider, R.J. "Collecting More Complete Data to Quantify Pedestrian Activity," Paper presented at the Walking and the Life of the City Symposium, New York University, New York, NY, Audience ~100 people (June 2012) (invited presentation and refereed paper)

**3.12 Editorials, reviews, and interviews of one's research by others.**

**3.13 Video and audio productions (indicate publisher, method of selection, and range of distribution).**

**3.14 Reports of completed research, professional, or demonstration activities (indicate nature of external or internal support and means of dissemination).**

- 3.14.1. City of Milwaukee Department of Public Works. *Milwaukee Pedestrian Plan*, Prepared by Toole Design Group and University of Wisconsin-Milwaukee, Available online, <https://city.milwaukee.gov/mpw/infrastructure/Walk-Milwaukee/Milwaukee-Pedestrian-Plan1.htm#.XVMSuuhKjIU>, 2019.
- 3.14.2. National Institute for Transportation and Communities. *Transferability & Forecasting of the Pedestrian Index of the Environment (PIE) for Modeling Applications*, NITC-RR-1028, Authors: K.J. Clifton, J.P. Orrego-Onate, P.A. Singleton, and **R.J. Schneider**, Available online, [https://ppms.trec.pdx.edu/media/project\\_files/NITC\\_RR\\_1028\\_Transferability\\_Forecasting\\_of\\_PIE\\_For\\_Modeling.pdf](https://ppms.trec.pdx.edu/media/project_files/NITC_RR_1028_Transferability_Forecasting_of_PIE_For_Modeling.pdf), 2019.
- 3.14.3. California Department of Transportation. *Affordable Housing Trip Generation Strategies and Rates*, CA-18-2465, Authors: Clifton, K.J., K.M. Currans, **R.J. Schneider**, S. Handy, A. Howell, G. Abou-Zeid, E.B Raus, S. Roan, and S.R. Gehrke, Available online, [http://superlab.us/UploadedContent/CaltransAffordableHousingTripGeneration\\_FinalReport.pdf](http://superlab.us/UploadedContent/CaltransAffordableHousingTripGeneration_FinalReport.pdf), 2018.
- 3.14.4. National Cooperative Highway Research Program. *Systemic Pedestrian Safety Analysis*, NCHRP Research Report 893, Prepared by University of North Carolina Highway Safety Research Center, Authors: L. Thomas, L. Sandt, C. Zegeer, W. Kumfer, K. Lang, B. Lan, Z. Horowitz, A. Butsick, J. Toole, and **R.J. Schneider**, Available online, <https://www.nap.edu/catalog/25255/systemic-pedestrian-safety-analysis>, 2018.
- 3.14.5. Wisconsin Department of Transportation. *Evaluation of Driver Yielding to Pedestrians at Uncontrolled Crosswalks*, Prepared by the University of Wisconsin-Milwaukee and University of Wisconsin-Madison Traffic Operations and Safety (TOPS) Laboratory, Authors: **R.J. Schneider**, X. Qin, M.R.R. Shaon, A. Sanatizadeh, Z. He, P. Wkyhuis, B. Block, K. Santiago, and A. Bill, Available online, <http://wisconsindot.gov/Documents/safety/education/pedestrian/wipedstudy.pdf>, December 2017.
- 3.14.6. National Cooperative Highway Research Program. *Methods and Technologies for Pedestrian and Bicycle Volume Data Collection: Phase 2*, NCHRP Web-Only Document 229, Prepared by Kittelson & Associates, Authors: P. Ryus, A. Butsick, F.R. Proulx, **R.J. Schneider**, and T. Hull, Available online, <https://www.nap.edu/download/24732>, 2017.
- 3.14.7. Wisconsin Department of Transportation, Bureau of Transportation Safety. *Wisconsin Pedestrian and Bicycle Crash Analysis: 2011-2013*, Authors: **R.J. Schneider** and J. Stefanich, Available online, <http://wisconsindot.gov/Documents/safety/education/crash-data/bikeped-crash-2011-2013.pdf>, 2015.
- 3.14.8. National Institute for Transportation and Communities. *Development of a Pedestrian Demand Estimation Tool*, NITC-RR-677, Authors: K.J. Clifton, P.A. Singleton, C.D. Muhs, and **R.J. Schneider**, Available online, [http://ppms.otrec.us/media/project\\_files/NITC-RR-677\\_Final\\_Report.pdf](http://ppms.otrec.us/media/project_files/NITC-RR-677_Final_Report.pdf), 2015.
- 3.14.9. National Cooperative Highway Research Program. *Pedestrian and Bicycle Transportation Along Existing Roads: ActiveTrans Priority Tool Guidebook*, Report 803, Prepared by Toole Design Group, Authors: P.A. Lagerwey, M.J. Hintze, J.B. Elliott, J.L. Toole, and **R.J. Schneider**, Available online, <http://www.trb.org/NCHRP/Blurbs/172459.aspx>, 2015.
- 3.14.10. National Cooperative Highway Research Program. *Pedestrian and Bicycle Transportation Along Existing Roads: Final Report*, Project 07-17, Prepared by Toole Design Group, Authors: P.A. Lagerwey, M.J. Hintze, J.B. Elliott, J.L. Toole, and **R.J. Schneider**, Available online, <http://www.trb.org/Main/Blurbs/172459.aspx>, 2015.
- 3.14.11. National Cooperative Highway Research Program. *Methods and Technologies for Collecting Pedestrian and Bicycle Volume Data: Guidebook on Pedestrian and Bicycle Volume Data Collection*, Report 797, Prepared by Kittelson & Associates, Authors: P.

- Ryus, E. Ferguson, K.M. Laustsen, **R.J. Schneider**, F.R. Proulx, T. Hull, and L. Miranda-Moreno, Available online, <http://www.trb.org/Main/Blurbs/171973.aspx>, 2014.
- 3.14.12. National Cooperative Highway Research Program. *Methods and Technologies for Collecting Pedestrian and Bicycle Volume Data: Final Report*, NCHRP Web-Only Document 205, Prepared by Kittelson & Associates, Authors: P. Ryus, E. Ferguson, K.M. Laustsen, F.R. Proulx, **R.J. Schneider**, T. Hull, and L. Miranda-Moreno, Available online, <http://www.trb.org/Main/Blurbs/171974.aspx>, 2014.
- 3.14.13. University of California, Berkeley Safe Transportation Research & Education Center. *Pedestrian Safety Improvement Program*, Prepared for California Department of Transportation, Authors: O. Grembek, C. Bosman, J.M. Bigham, S. Fine, J.B. Griswold, A. Medury, R.L. Sanders, **R.J. Schneider**, A. Yavari, Y. Zhang, and D.R. Ragland, Available online, [https://safetrec.berkeley.edu/sites/default/files/publications/ped\\_safety\\_improvement\\_esc\\_holarship\\_uc\\_item\\_2c85n5xt.pdf](https://safetrec.berkeley.edu/sites/default/files/publications/ped_safety_improvement_esc_holarship_uc_item_2c85n5xt.pdf), 2014.
- 3.14.14. Oregon Transportation Research and Education Consortium. *Improving the Representation of the Pedestrian Environment in Travel Demand Models: Phase I*, Final Report, Authors: K.J. Clifton, P.A. Singleton, C.D. Muhs, **R.J. Schneider**, and P. Lagerwey, Available online, <http://otrec.us/project/510>, March 2014.
- 3.14.15. California Department of Transportation. *California Smart-Growth Trip Generation Rates Study*, Prepared by University of California, Davis, Authors: S. Handy, K. Shafizadeh, and **R. Schneider**, Available online, <http://ultrans.its.ucdavis.edu/projects/smart-growth-trip-generation>, 2013.
- 3.14.16. University of California, Berkeley Safe Transportation Research & Education Center. *Pedestrian and Bicycle Safety Strategies for UC Berkeley Campus and Periphery: Recommendations for Implementation*, RR-2013-1, Prepared for University of California Office of Risk Services, Authors: **R. Schneider**, O. Grembek, M. Braughton, P. Orrick, and D. Ragland, Available online, <http://www.escholarship.org/uc/item/2nc3v9b0#page-1>, 2012.
- 3.14.17. Federal Highway Administration. *A Resident's Guide for Creating Safe and Walkable Communities*, FHWA-SA-07-016, Authors: L. Sandt, **R. Schneider**, D. Nabors, L. Thomas, C. Mitchell, and R.J. Eldridge, Available online, [http://www.pedbikeinfo.org/collateral/PSAP%20Training/gettraining\\_references\\_ResidentsGuidetoSafeWalkableCommunities.pdf](http://www.pedbikeinfo.org/collateral/PSAP%20Training/gettraining_references_ResidentsGuidetoSafeWalkableCommunities.pdf), February 2008.
- 3.14.18. Federal Highway Administration. *Pedestrian Safety Guide for Transit Agencies*, FHWA-SA-07-017, Authors: D. Nabors, **R. Schneider**, D. Leven, K. Lieberman, C. Mitchell, Available online, [http://safety.fhwa.dot.gov/ped\\_bike/ped\\_transit/ped\\_transguide/transit\\_guide.pdf](http://safety.fhwa.dot.gov/ped_bike/ped_transit/ped_transguide/transit_guide.pdf), February 2008.
- 3.14.19. Federal Highway Administration. *Shared-Use Path Level of Service Calculator: A Users Guide*, Authors: Patten, R.S., **R.J. Schneider**, J.L. Toole, J.E. Hummer and N.M. Roupail, Available online, <https://www.fhwa.dot.gov/publications/research/safety/pedbike/05138/05138.pdf>, July 2006.
- 3.14.20. Federal Highway Administration. *Pedestrian and Bicycle Data Collection in United States Communities: Quantifying Use, Surveying Users, and Documenting Facility Extent*, Authors: **R. Schneider**, R. Patten, J. Toole, and C. Raborn, Available online, [http://www.pedbikeinfo.org/pdf/PlanDesign\\_Tools\\_FHWACaseStudies.pdf](http://www.pedbikeinfo.org/pdf/PlanDesign_Tools_FHWACaseStudies.pdf), January 2005.
- 3.14.21. Transit Cooperative Research Program. *Synthesis 62: Integration of Bicycles and Transit*, Transportation Research Board, Consultant: **Robert Schneider**, Toole Design

- Group, LLC, Available online, [http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp\\_syn\\_62.pdf](http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_syn_62.pdf), 2005.
- 3.14.22. Federal Highway Administration, Pedestrian and Bicycle Information Center. “An Easy to Compute Index for Identifying Built Environments that Support Walking,” Authors: Rodriguez, D.A., H. Young, and **R.J. Schneider**, Available online, <http://www.walkinginfo.org/library/details.cfm?id=2583>, 2005.
- 3.14.23. Federal Highway Administration. *Pedestrian Facilities Users Guide: Providing Safety and Mobility*, FHWA-RD-01-102, Authors: C.V. Zegeer, C. Seiderman, P. Lagerwey, M. Cynecki, M. Ronkin, and **R. Schneider**, Available online, <http://www.fhwa.dot.gov/publications/research/safety/01102/01102.pdf>, March 2002.
- 3.14.24. Southeastern Transportation Center. *Rollover Crash Risk Factors in Large Truck Rollovers and Injury Severity: Analysis of Single-Vehicle Collisions*, Authors: Khattak, A.J., **R.J. Schneider**, and F. Targa, University of Tennessee, Knoxville, Available online, <http://stc.utk.edu/STCresearch/PDFs/compar.pdf>, 2002.
- 3.14.25. Federal Highway Administration. *Review of the Impacts of a Towaway Reporting Threshold on a Highway Safety Program*, Highway Safety Information System Summary Report, Authors: J.K. Lacy, C.V. Zegeer, and **R. Schneider**, Available online, <http://www.hsisinfo.org/pdf/01-114.pdf>, 2001.
- 3.14.26. North Carolina Department of Transportation. *Identification of Severe Crash Factors and Countermeasures in North Carolina: Final Report*, Authors: H.F. Huang, **R.J. Schneider**, C.V. Zegeer, A.J. Khattak, V.J. Amerlynck, and J.K. Lacy. Chapel Hill, NC: University of North Carolina Highway Safety Research Center, Available online, <http://www.hsrc.unc.edu/pdf/2001/identofsevere.pdf>, 2001.

**3.15 Projects or other professional work published (indicate method of selection and range of dissemination).**

**3.16 Projects or other professional work exhibited or otherwise disseminated other than through the print media (indicate where exhibited, what other media, and where heard or seen, and method of selection).**

**3.17 Articles, papers, chapters, or projects under review (indicate status and method of selection).**

3.17.1. X

**3.18 Research proposals under review (indicate status).**

- 3.18.1. Advancing a Healthier Wisconsin Endowment. Place-Based Transportation Injury Data from Police Records and Emergency Room Intake Questions, Led by Medical College of Wisconsin, PI: Stephen Hargarten, \$48,680, Submitted January 2020. (under review)
- 3.18.2. National Science Foundation. Integrating New Transportation and Telehealth Technologies to Improve Access to Healthcare, Led by University of Wisconsin-Milwaukee, PI: Lingqian Hu, \$150,000 total for UWM, Submitted September 2019. (under review)
- 3.18.3. Clinical & Translational Science Institute. Attentional Control and Driver Behavior: A Social Environment and Aging-Related Investigation, Led by Medical College of Wisconsin, PI: Adam Greenberg, \$18,500, Submitted August 2019. (not funded)
- 3.18.4. Transit Cooperative Research Program. Transit and Micro-Mobility (Bikeshare, Scooter-share, etc.), Led by Toole Design Group, LLC, UWM PI: Jie Yu, \$3,300, Submitted June 2019. (not funded)



- 3.18.5. Tommy G. Thompson Center on Public Leadership Faculty Research Grant. Automated Driving Systems: Making the Transition Safely in Wisconsin, Co-PI with Adam Greenberg, University of Wisconsin-Milwaukee, \$95,143, Submitted September 2018. (not funded)
- 3.18.6. Centers for Disease Control & Prevention. Transportation Injury Impacts of Complete Streets, Part of Medical College of Wisconsin application for an Injury Research Center, PI: Stephen Hargarten, \$98,404, Submitted June 2018. (not funded)
- 3.18.7. National Science Foundation. Building sustainable communities amid rapid social and technological changes through smart and connected technologies, Led by University of Wisconsin-Milwaukee, PI: Xiao Qin, \$50,000, Submitted March 2018. (not funded)
- 3.18.8. National Institutes of Health, The Big Jump: Testing the Impacts of Low-Stress Bicycle Network Development, Led by Portland State University, 5 years, \$105,038 total for UWM, Submitted October 2017. (not funded)
- 3.18.9. US Department of Transportation Research and Innovative Technology Administration (RITA): Center for Research on Safe Walking, Active Living, and Cycling (CROSSWALC): Tier 1 University Transportation Center Application, Led by San Diego State University, 5 years, \$100,000 per year for UWM, 2 RA's, Submitted March 2016. (not funded)
- 3.18.10. US Department of Transportation Research and Innovative Technology Administration (RITA): Center for Multimodal Urban Mobility (CMUM): Tier 1 University Transportation Center Application, Led by University of Wisconsin-Milwaukee, PI: Al Ghorbanpoor, 5 years, \$200,000 per year for UWM, 2 RA's, Submitted March 2016. (not funded)
- 3.18.11. US Department of Transportation Research and Innovative Technology Administration (RITA): Center for Research on Safe Walking, Active Living, and Cycling (CROSSWALC): Tier 1 University Transportation Center Application, Led by San Diego State University, 5 years, \$100,000 per year for UWM, 2 RA's, Submitted March 2016. (not funded)
- 3.18.12. Wisconsin Bicycle Federation: Evaluation of the Wisconsin Share and Be Aware Program, 6 months, \$4,000, Submitted December 2014. (on hold)
- 3.18.13. Federal Highway Administration Office of Planning, Environment and Realty: Neighborhood Pedestrian and Bicycle Commute Estimation Tool, Response to Broad Agency Announcement, DTFH6114R00019, 1 year, \$48,000, Submitted April 2014. (not funded)
- 3.18.14. US Department of Transportation Research and Innovative Technology Administration (RITA): Center for Transportation and Communities: Region V Regional Center Application, Led by University of Illinois-Chicago, With Lingqian Hu Co-PI at UWM, 2 years, \$85,000 per year for UWM, 2 PA's, Submitted March 2013. (not funded)

### **3.19 List research or professional awards, ranking in competitions, etc.**

- 3.19.1. Association of Pedestrian and Bicycle Professionals, APBP Research Professional of the Year Award (2019)
- 3.19.2. World Society for Transport and Land Use Research, Best Paper Award for "Local Environment Characteristics Associated with Walking and Taking Transit to Shopping Districts" (2014)
- 3.19.3. TRB Committee on Pedestrians, Outstanding Paper Award for "How Common is Pedestrian Travel To, From, and Within Shopping Districts?" (2012)
- 3.19.4. Selected as Eno Transportation Foundation Student Conference Fellow (2009)

- 3.19.5. TRB Committee on Pedestrians, Outstanding Paper Award for “An Accident Waiting to Happen: A Proactive Method of Improving Pedestrian Safety on a College Campus” (2001)
- 3.19.6. UNC-Chapel Hill Department of City and Regional Planning, Best Colleague Award (2001)
- 3.19.7. North Carolina Chapter of the American Planning Association, Award for Outstanding Student in the Department of City and Regional Planning at UNC-Chapel Hill (2001)

**3.20 Other significant research, scholarship, and professional activities, completed or in progress, not listed elsewhere, but deemed significant.**

- 3.20.1. Moderator for UW-Milwaukee Alumni Association Urban Planning Chapter, 9<sup>th</sup> Annual Planning and a Pint, “At the Crossroads: Multimodal Transportation in Southeastern Wisconsin,” Presented by the Urban Planning and Master of Public Administration Alumni Chapters (January 2019)

**4. Teaching**

**4.1 Instruction in the Classroom, Laboratory, Studio, or Clinic**

**4.1.1 List of all courses taught within the last five years specifying number of credit hours, undergraduate, graduate, or nondegree level, and number of students.**

- 4.1.1.1. Pedestrian and Bicycle Transportation, URBPLAN 772: 14 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2020)
- 4.1.1.2. Applied Projects in Urban Geographic Information Systems, URBPLAN 793: 5 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2020)
- 4.1.1.3. Planning Policy Analysis, URBPLAN 810: 12 students, 6 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Fall 2019)
- 4.1.1.4. Pedestrian and Bicycle Transportation, URBPLAN 772: 5 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2019)
- 4.1.1.5. Applied Projects in Urban Geographic Information Systems, URBPLAN 793: 9 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2019)
- 4.1.1.6. Planning Policy Analysis, URBPLAN 810: 11 students, 6 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Fall 2018)
- 4.1.1.7. Pedestrian and Bicycle Transportation, URBPLAN 772: 12 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2018)
- 4.1.1.8. Applied Projects in Urban Geographic Information Systems, URBPLAN 793: 6 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2018)
- 4.1.1.9. Planning Policy Analysis, URBPLAN 810: 9 students, 6 unit course co-taught with Dr. Sammis White, Graduate, UW-Milwaukee, Department of Urban Planning (Fall 2017)
- 4.1.1.10. Applied Planning Methods, URBPLAN 721: 9 students, 3 unit course, UW-Milwaukee, Department of Urban Planning (Fall 2017)

- 4.1.1.11. Pedestrian and Bicycle Transportation, URBPLAN 772: 11 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2017)
- 4.1.1.12. Applied Projects in Urban Geographic Information Systems, URBPLAN 793: 8 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2016)
- 4.1.1.13. Bus Rapid Transit Workshop, URBPLAN 692/ARCH 790: 11 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Fall 2016)
- 4.1.1.14. Applied Planning Methods, URBPLAN 721: 5 students, 3 unit course, UW-Milwaukee, Department of Urban Planning (Fall 2016)
- 4.1.1.15. Pedestrian and Bicycle Transportation, URBPLAN 772: 8 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2016)
- 4.1.1.16. Applied Projects in Urban Geographic Information Systems, URBPLAN 793: 7 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2016)
- 4.1.1.17. Bus Rapid Transit Workshop, URBPLAN 692/ARCH 790: 21 students, 3 unit course co-taught with Dr. Lingqian Hu, Graduate & Undergraduate, UW-Milwaukee, Department of Urban Planning (Fall 2015)
- 4.1.1.18. Applied Planning Methods, URBPLAN 721: 22 students, 3 unit course, UW-Milwaukee, Department of Urban Planning (Fall 2015)
- 4.1.1.19. Pedestrian and Bicycle Transportation, URBPLAN 772: 13 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2015)
- 4.1.1.20. Introduction to GIS, URBPLAN 791: 21 students, 3 unit course co-taught with William Huxhold, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2015)
- 4.1.1.21. Applied Planning Methods, URBPLAN 721: 16 students, 3 unit course, UW-Milwaukee, Department of Urban Planning (Fall 2014)
- 4.1.1.22. Pedestrian and Bicycle Transportation, URBPLAN 772: 19 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2014)
- 4.1.1.23. Introduction to GIS, URBPLAN 791: 9 students, 3 unit course co-taught with William Huxhold, Graduate, UW-Milwaukee, Department of Urban Planning (Spring 2014)
- 4.1.1.24. Applied Planning Methods, URBPLAN 721: 24 students, 3 unit course, Graduate, UW-Milwaukee, Department of Urban Planning (Fall 2013)
- 4.1.1.25. Pedestrian and Bicycle Transportation, URBPLAN 692: 15 students, 3 unit course, Graduate & Undergraduate, UW-Milwaukee, Department of Urban Planning (Spring 2013)
- 4.1.1.26. Pedestrian and Bicycle Transportation: 14 students, 3 unit course, Graduate, UC Berkeley, Department of City and Regional Planning (Spring 2012)
- 4.1.1.27. Pedestrian and Bicycle Transportation: 15 students, 4 unit course, Graduate & Undergraduate, UC Davis, Transportation Technology and Policy (Fall 2011)
- 4.1.1.28. Pedestrian and Bicycle Transportation Planning: 14 students, 3 credit course co-taught with fellow Ph.D. Student, Rebecca Sanders, Graduate, UC Berkeley, Department of City and Regional Planning (Spring 2010)

**4.1.2 Student supervision: student academic advising, internships, supervision of Master's and Doctoral theses, independent readings and research.**

- 4.1.2.1. Jessica Pittner. Urban Planning. Gender Analysis of Milwaukee Pedestrian Plan Survey Open-Ended Responses. (3-credit independent study) (Spring 2020)
- 4.1.2.2. Kaleb Kutz. Urban Planning. Southeastern Wisconsin Regional Planning Commission. (3-credit internship) (Spring 2020)
- 4.1.2.3. Shamsi Trisha. Civil Engineering. Masters Thesis Committee Member: Public Transit and Micro-mobility: Identifying the impacts of bikeshare on public transit ridership in the City of Chicago. (Spring 2020)
- 4.1.2.4. Andrew Schmitz. Urban Planning. WisDOT Pedestrian Exposure Model: Southeast Region Pilot Study; Gender and Complete Streets Literature Review; City of Milwaukee Safe & Healthy Streets Survey. (grant-sponsored research) (Spring 2020-Fall 2020)
- 4.1.2.5. Sai Sun. Urban Studies. Dissertation Committee Member: Accessibility to non-work destinations. (Spring 2020-present)
- 4.1.2.6. Forrest Elliott. Urban Planning. Gender and Complete Streets Literature Review; City of Milwaukee Safe & Healthy Streets Survey. (grant-sponsored research) (Fall 2019-Spring 2020)
- 4.1.2.7. Jessica Pittner. Urban Planning. Gender and Complete Streets Literature Review; City of Milwaukee Safe & Healthy Streets Survey. (grant-sponsored research) (Fall 2019-Spring 2020)
- 4.1.2.8. Andrew Schmitz. Urban Planning. Gender and Complete Streets Literature Review; City of Milwaukee Safe & Healthy Streets Survey. (grant-sponsored research) (Fall 2019)
- 4.1.2.9. Jessica Pittner. Urban Planning. Gender and Complete Streets Literature Review. (3-credit independent study) (Fall 2019)
- 4.1.2.10. Andrew Schmitz. Urban Planning. Gender and Complete Streets Literature Review. (3-credit independent study) (Fall 2019)
- 4.1.2.11. Nowar Raad Abdulmajeed. Griffith University, Brisbane, Australia. Dissertation Examiner: Pedestrian Level of Service (PLOS) Measurement for Footpaths in Commercial Streets. (Fall 2019)
- 4.1.2.12. Michael Mandelman. Architecture. Dissertation Committee Member: Senior cohousing and connecting community members with nature as a strategy to improve health outcomes. (Spring 2019-present)
- 4.1.2.13. Farah Jazi Al-Mahameed. Civil Engineering. Dissertation Committee Member: Understanding how roadway user fault is associated with traffic crash risk in different locations. (Fall 2018-present)
- 4.1.2.14. Hamideh Moayyed. Urban Studies. Dissertation Committee Member: Accessible housing and transportation for seniors. (Fall 2017-present)
- 4.1.2.15. Mahshid Jalalianhosseini. Architecture. Dissertation Committee Member: Measuring Discoverability in Buildings Using Spatial Analysis and Occupant Surveys: A Study of the UWM Union. (Spring 2018-Spring 2020)
- 4.1.2.16. Joshua Diciaula. Urban Studies. Masters Thesis Committee Member: Transit Oriented Development and equity in Milwaukee. (Spring 2019)
- 4.1.2.17. Mohammad Razaur Rahman Shaon. Civil Engineering. Dissertation Committee Member: Identifying and Incorporating Human Factor and Driver Behavior Variables into Crash Prediction Models. (Fall 2017-Fall 2018)
- 4.1.2.18. Joshua Schwalbe. Urban Planning. BublR Bikes. (3-credit independent study) (Spring 2018); Urban Planning. (3-credit independent study) (Spring 2019)
- 4.1.2.19. Chris Sandor. Urban Planning. Milwaukee Pedestrian Plan Evaluation. (3-credit independent study) (Spring 2018)
- 4.1.2.20. Tony Giron. Urban Planning. Milwaukee Pedestrian Plan Evaluation. (3-credit independent study) (Spring 2018)

- 4.1.2.21. Cassandra Leopold. Urban Planning. Milwaukee Pedestrian Plan Evaluation. (3-credit independent study) (Spring 2018); Masters Graduate Capstone Project Committee Member: The Right of Her Way: Overcoming Barriers to Pedestrian Travel for Elderly Women (Fall 2018)
- 4.1.2.22. Josie Willman, Urban Planning. Supervisor: UWM Campus Travel Survey Analysis; Streetcar Safety Analysis and Pedestrian and Bicyclist Injury Data Analysis (grant-sponsored research) (Fall 2017-Spring 2019)
- 4.1.2.23. Trent Schultz. Urban Planning. City of West Allis. (3-credit internship) (Fall 2017)
- 4.1.2.24. Kevin Kuschel. Urban Planning. City of Milwaukee, Department of Public Works. (3-credit internship) (Fall 2017)
- 4.1.2.25. Elizabeth Saunderson. Civil Engineering. Masters Thesis Committee Member. (Fall 2016)
- 4.1.2.26. Brook Baughton. Architecture. HyperLoop Conceptual Design and Evaluation. (3-credit independent study) (Fall 2016)
- 4.1.2.27. Lydia Statz. AECOM Consulting. (3-credit internship) (Spring 2016)
- 4.1.2.28. Kelly Strausberger. Washington County Parks and Planning. (3-credit internship) (Spring 2016)
- 4.1.2.29. Tony Giron. Wisconsin Bike Federation. Connect 53212 program management. (3-credit internship) (Spring 2016)
- 4.1.2.30. Chris Hillard, Urban Planning. Masters Thesis Committee Member: Comparative Design and Demographics of Three Milwaukee Business Improvement Districts. Independent study, Fall 2017. (Fall 2015-Fall 2017)
- 4.1.2.31. Sierra Starnier-Heffron, Urban Studies. Masters Thesis Committee Member: Sale of City-Owned Properties (Fall 2015-present)
- 4.1.2.32. Aida Sanatizaeh, Urban Planning. Supervisor: Driver Yielding Field Study & Pedestrian/Bicycle Fatalities Study (Directed research) (Fall 2015-present)
- 4.1.2.33. Jacob Christensen, GIS Certificate. Advisor: WE Energies (3-credit internship) (Summer 2015)
- 4.1.2.34. Aida Sanatizaeh, Urban Planning. Advisor: Wisconsin DOT (1-credit internship) (Summer 2015)
- 4.1.2.35. Daniel Peyton Sterba, Medical College of Wisconsin. Advisor: Transportation Access to Urban Food Banks (directed research) (Spring 2015-present)
- 4.1.2.36. Alex Snyder, Urban Studies. Masters Thesis Committee Member: Successful versus Unsuccessful Freeway Removal Projects (Spring 2015-present)
- 4.1.2.37. James Hannig, Urban Planning. Masters Thesis Committee Member: Perceptions of Bike Sharing in Underserved Communities within Milwaukee and the Twin Cities (Fall 2014-Spring 2015)
- 4.1.2.38. Peter Armstrong, Geography. Masters Thesis Committee Member: Bicycle Planning and the Role of the Office of Sustainability in “Breaking the Driving Culture” at the University of Wisconsin-Milwaukee (Fall 2014-Spring 2015)
- 4.1.2.39. James Hannig, Urban Planning. Advisor: Equity and Bicycle Planning (3-credit independent study) (Summer 2014)
- 4.1.2.40. Nancy Chu-Rossi, Architecture. Dissertation Committee Member: Effectiveness of Different Neighborhood Designs in Westlawn Public Housing Development (Spring 2014-Spring 2017)
- 4.1.2.41. Joseph Stefanich, Urban Planning. Supervisor: Wisconsin Pedestrian & Bicycle Crash Analysis; National Bicycle Commute Study; Pedestrian & Bicycle Commute Model (grant-sponsored research) (Fall 2013-Spring 2015)
- 4.1.2.42. Thomas Fleming, Urban Planning. Advisor: City of Fort Atkinson (3-credit internship) (Fall 2013)

4.1.2.43. GIS Student Group. Advisor: Planning the bicycle tour route for Summer 2013 MS Ride (Spring 2013)

**4.1.3 Teaching awards or other teaching honors, including recognition by student organization.**

**4.2. Program Development, Implementation, and Management (as part of assigned workload and under the auspices of UWM)**

**4.2.1 List of programs offered, including courses offered, number of students, number of times presented, number of hours, number of instructors, and number of credits, if applicable.**

**4.2.2 Organizing colloquia, institutes, workshops, or other programs.**

**4.3. Other Teaching Activities (not covered elsewhere, but deemed significant)**

- 4.3.1. Introduction to Architecture, ARCH 110: Delivered guest lecture, “What is Urban Planning?” (Fall 2019)
- 4.3.2. Introduction to Urban Planning, URB PLAN 140: Delivered guest lecture, “Pedestrian & Bicycle Transportation” (Fall 2018)
- 4.3.3. Introduction to Architecture, ARCH 110: Delivered guest lecture, “What is Urban Planning?” (Fall 2018)
- 4.3.4. Milwaukee School of Engineering, Geometric Design of Roadways: Delivered guest lecture: “Roadway Design for Pedestrians & Bicyclists.” (Spring 2018)
- 4.3.5. Introduction to Architecture, ARCH 110: Delivered guest lecture, “What is Urban Planning?” (Fall 2017)
- 4.3.6. Introduction to Urban Planning, URB PLAN 140: Delivered guest lecture, “Pedestrian & Bicycle Transportation” (Fall 2017)
- 4.3.7. University of Wisconsin-La Crosse, Transportation Geography, GEO 310: Delivered guest lecture: “Geographic Foundations of Sustainable Transportation: How Understanding Spatial Relationships can help Improve Walking & Bicycling” (Spring 2017)
- 4.3.8. Urban Transportation Planning, CIV 590: Delivered guest lecture, “Pedestrian and Bicycle Planning and Design” (Fall 2016)
- 4.3.9. Introduction to Architecture, ARCH 110: Delivered guest lecture, “What is Urban Planning?” (Fall 2016)
- 4.3.10. Introduction to Urban Planning, URB PLAN 140: Delivered guest lecture, “Pedestrian & Bicycle Transportation” (Fall 2016)
- 4.3.11. Virginia Tech Transportation Planning Course, Dr. Ralph Buehler: Delivered guest lecture: “Pedestrian Transportation” (Spring 2016)
- 4.3.12. Bus Rapid Transit Workshop, URB PLAN 692/ARCH 790: Developed new course with Dr. Lingqian Hu (Fall 2015)
- 4.3.13. Introduction to Architecture, ARCH 110: Delivered guest lecture, “What is Urban Planning?” (Fall 2015)
- 4.3.14. Introduction to Urban Planning, URB PLAN 140: Delivered guest lecture, “Urban Planning: Transportation & Health” (Fall 2015)
- 4.3.15. Statistics, URB PLAN 740: Delivered guest lecture, “Chi-squared Testing” (Spring 2015)
- 4.3.16. Masters of Urban Planning Comprehensive Exam Committee: Developed questions and graded student answers related to Applied Planning Methods, URB PLAN 721 (Summer 2014-present)

- 4.3.17. Applied Planning Methods, URB PLAN 721: Developed updated version of course (Fall 2013)
- 4.3.18. GIS and Transportation, URB PLAN 692: Delivered guest lecture, “GIS and Pedestrian and Bicycle Transportation Planning” (Fall 2013)
- 4.3.19. Planning Theories and Practice, URB PLAN 711: Delivered guest lecture, “Rational Planning Theory, Examples, and Tools Part 2: Evaluating Alternatives” (Fall 2013)

## 5. Service

### 5.1 Membership or leadership in department, school, college, division, university, or system committees and/or task forces.

- 5.1.1. UW-Milwaukee Urban Studies Programs: Affiliate (2015-present)
- 5.1.2. UW-Milwaukee Joint Civil Engineering and Urban Planning Masters Program Committee: Member (2015-present)
- 5.1.3. UW-Milwaukee Department of Urban Planning Student Recruitment Subcommittee: Chair (2016); Member (2015, 2017)
- 5.1.4. UW-Milwaukee Department of Urban Planning Admissions and Awards Subcommittee: Member (2015)
- 5.1.5. UW-Milwaukee School of Architecture and Urban Planning Media Committee: Member (2016-present)
- 5.1.6. UW-Milwaukee School of Architecture and Urban Planning Joint Architecture and Urban Planning Masters Program Committee: Member (2014-present)
- 5.1.7. UW-Milwaukee Geographic Information Systems (GIS) Committee: Member (2013-present)
- 5.1.8. UW-Milwaukee GIS Day Planning Committee: Member (2013-2016)
- 5.1.9. UW-Milwaukee GIS Day Student Paper Competition Committee: Chair (2016-2018), Member (2019)
- 5.1.10. UW-Milwaukee Parking and Transportation Study Advisory Group: Attendee at 4 meetings (2013-2015)
- 5.1.11. UW-Milwaukee Bicycle Advisory Task Force: Attendee at 1 meeting (2013)

### 5.2 Major responsibility for coordination of programs, departments, or centers.

### 5.3 Involvement in student activities.

- 5.3.1. UWM Undergraduate Research Symposium: Judge (2013)

### 5.4 Service and or membership and office, or other position of leadership, held in a professional organization (e.g. committee membership, elected chair, appointed secretary, seminar directory, etc.).

- 5.4.1. Wisconsin Department of Transportation Wisconsin Non-Driver Advisory Committee (WiNDAC): Member (2020-2021)
- 5.4.2. California Department of Transportation Active Transportation Project Benefit-Cost Tool Technical Advisory Committee (led by UC Davis): Member (2020-2021)
- 5.4.3. Transportation Research Board (TRB) of the National Academies of Sciences, Committee on Pedestrians: Chair (2014-2020); Chair of Paper Review Subcommittee (2012-2014); Chair of Research Subcommittee (2003-2012); Member (2001-2020)

- 5.4.4. World Society of Transportation and Land Use Research (WSTLUR): Co-Chair of WSTLUR 2017 Conference, Brisbane Australia (2015-2017); Board Member (2015-present)
- 5.4.5. City of Milwaukee Safe Routes to School Strategic Plan Steering Committee (2018-present)
- 5.4.6. City of Milwaukee Pilot Adaptive Bikeshare Program Workgroup to explore methods to offer bikeshare to people with a broad range of abilities: Member (2018-2019)
- 5.4.7. City of Milwaukee Equitable Growth Through Transit Oriented Development Steering Committee (2018-2019)
- 5.4.8. Massachusetts Department of Public Health Advisory Committee to estimate the associations between transportation and health (e.g., physical activity, air quality, traffic injury, etc.) at a neighborhood level: Member (2018)
- 5.4.9. Federal Highway Administration Office of Safety Expert Panel for Pedestrian and Bicycle Exposure Project: Member (2017)
- 5.4.10. People for Bikes “Big Jump” Advisory Panel, assisting with developing performance measures to document impacts of major bicycle investments in 10 cities: Member (2016)
- 5.4.11. Federal Highway Administration Expert Panel for Bicycle-Pedestrian Count Technology Pilot Project (2015)
- 5.4.12. Federal Highway Administration Expert Consultant for Separated Bike Lane Planning and Design Guide (2015)
- 5.4.13. California Department of Transportation Smart Growth Trip Generation Phase II Study Technical Advisory Committee: Member (2014-2016)
- 5.4.14. Southeastern Wisconsin Regional Planning Commission (SEWRPC), VISION 2050 Task Force on Non-Motorized Transportation: Member (2014-2016)
- 5.4.15. Association of Pedestrian and Bicycle Professionals: Member (2002-present)
- 5.4.16. American Planning Association: Member (2001-present)
- 5.4.17. Institute of Transportation Engineers: Member (2008-2012)

**5.5 Special assignments for professional organizations, and/or participation at professional meetings (directing or moderating seminars, workshops, institutes, etc., or participating as speaker, reactor, discussant, etc., not conducted as part of assigned load or under the auspices of UWM).**

- 5.5.1. Journal of Transport and Land Use, Editorial Board Member (2017-present)
- 5.5.2. Joint TRB/American College of Sports Medicine Transportation and Health Conference Planning Committee, “Moving Active Transportation to Higher Ground: Opportunities for Accelerating the Assessment of Health Impacts”: Member (2014-2015)
- 5.5.3. Pedestrian and Bicycle Trip Generation Subcommittee for the 3<sup>rd</sup> Edition update of the Institute of Transportation Engineers Trip Generation Handbook: Chair (2012-2013)

**5.6 Awards and honors for service to the candidate's profession.**

- 5.6.1. Wisconsin Bike Federation Advocate of the Year Award (2015)

**5.7 Community, regional, state, and national activities not covered elsewhere but deemed significant. (Indicate whether activity was paid or not.)**

- 5.7.1. Core Planning Team for Milwaukee Safe and Healthy Streets coalition, “an active transportation-focused resident group that prioritizes people, providing education and



- empowerment in the pursuit of safe and healthy streets for all Milwaukeeans”: Member (Summer 2015-present) (unpaid)
- 5.7.2. Pedestrian and Bicycle Count Presentation & Discussion: Organized event for pedestrian and bicycle leaders in the Milwaukee Region to listen to presentation from David Beitel of McGill University and to coordinate regional pedestrian and bicycle counting efforts; Audience ~20 people (2015) (unpaid)
  - 5.7.3. Pedestrian and Bicycle Count Training: Recruited and trained volunteers to collect manual pedestrian and bicycle counts at intersections in the City of Milwaukee; Audience ~10 people (2015) (unpaid)
  - 5.7.4. TransitNOW Committee: Attended 4 meetings; reviewed and commented on strategic planning documents to help improve the public outreach process for Southeastern Wisconsin Regional Planning Commission VISION 2050 Transportation and Land Use Plan (2013-2014) (unpaid)
  - 5.7.5. Westlawn Partnership for a Healthier Environment: Spoke at 2 meetings (2013) (unpaid)
  - 5.7.6. Milwaukee Area Bicycle, Pedestrian, and Trail Leaders Social: Spoke at meeting (2013) (unpaid)
  - 5.7.7. City of Milwaukee Bicycle and Pedestrian Task Force: Attended 20 meetings (2013-present) (unpaid)
  - 5.7.8. Village of Shorewood Pedestrian and Bicycle Safety Committee: Attended 2 meetings (2013-present) (unpaid)
  - 5.7.9. Referee for journal manuscripts (since arriving at UWM) (unpaid)
    - Accident Analysis and Prevention (4 papers)
    - Computers, Environment, and Urban Systems (1 paper)
    - International Journal of Sustainable Transportation (3 papers)
    - Journal of Planning Education and Research (1 paper)
    - Journal of Public Transportation (1 paper)
    - Journal of Testing and Evaluation (1 paper)
    - Journal of the American Planning Association (2 papers)
    - Journal of Transport and Health (5 papers)
    - Journal of Transport and Land Use (17 papers)
    - Journal of Transportation Engineering (2 papers)
    - Journal of Transport Geography (3 papers)
    - Journal of Urban Planning and Development (1 paper)
    - Journal of Urban Technology (1 paper)
    - Progress in Community Health Partnerships (1 paper)
    - Research in Transportation Business and Management (2 papers)
    - Spaces and Flows (1 paper)
    - Sustainability (5 papers)
    - Traffic Injury Prevention (3 papers)
    - Transportation (1 paper)
    - Transportation Research Record (50 papers)
    - Transportation Research Part A (3 papers)
    - Transportation Research Part D (6 papers)
    - Transportation Research Part F (4 papers)
    - Transportation Science (1 paper)
    - Transport Policy (8 papers)
    - Travel Behavior and Society (3 papers)
  - 5.7.10. Reviewer for grant proposals (since arriving at UWM) (paid and unpaid)
    - National Science Foundation (1 proposal)

- University of California Transportation Research Center, UC Connect (3 proposals)
  - University of California, Davis, National Center for Sustainable Transportation (1 proposal)
  - University of California, Los Angeles, Institute for Transportation Studies (1 proposal)
  - University of Wisconsin-Milwaukee, RACAS (1 proposal)
  - Southeastern Transportation Research, Innovation, and Development Center (STRIDE) (2 proposals)
  - Mountain-Plains Consortium (1 proposal)
  - Oregon Transportation Research and Education Consortium (OTREC) (1 proposal)
  - Conference of Transportation Research Group of India (1 proposal)
  - Johns Hopkins University Pollack Grant (1 proposal)
- 5.7.11. Reviewer for conference presentation or paper submissions
- Active Living Research Conference (2017)
  - International Cycling Safety Conference (2017)
  - World Society of Transport and Land Use Research Conference (2017)
  - Transportation Research Board: Moving Active Transportation Research to Higher Ground (2015)
- 5.7.12. Media exposure (since arriving at UWM) (unpaid)
- Quoted in Milwaukee Magazine Article, “For Milwaukee, Summer Without Scooters Looks Likely,” by Larry Sandler, <https://www.milwaukeeemag.com/milwaukee-scooters-summer/>, (June 2020).
  - Interviewed on Wisconsin Public Radio for Central Time program, “People and Bicycles Crowd Streets During Stay-At-Home, What Does That Mean For Future City Planning?” Hosted by Rob Ferrett, Online post by Natalie Guyette, <https://www.wpr.org/people-and-bicycles-crowd-streets-during-stay-home-what-does-mean-future-city-planning>, (June 2020).
  - Quoted in Milwaukee Magazine Article, “Why the Hop’s Expansion Plans went Off the Rails,” by Larry Sandler, <https://www.milwaukeeemag.com/hops-expansion-plans-went-off-rails/>, (December 2019).
  - Kohlbeck, S., R. Schneider, and S. Hargarten. “Why City Pedestrian Plan Is Needed,” Urban Milwaukee, Op-Ed, <https://urbanmilwaukee.com/2019/11/07/op-ed-why-city-pedestrian-plan-is-needed/>, November 7, 2019. (November 2019).
  - Quoted in Milwaukee Journal-Sentinel Article, “Streetcar beating goals, and free fares extended into second year, but expansion plans bog down,” by Alison Derr, <https://www.jsonline.com/story/news/local/milwaukee/2019/10/31/after-1-year-milwaukee-streetcar-surpasses-goals-but-expansion-stuck/4065995002/>, (October 2019).
  - Quoted in Milwaukee Journal-Sentinel Article, “Protected bike lanes are safer for riders, and Milwaukee is likely to get more of them,” by David Haynes, <https://www.jsonline.com/story/news/solutions/2019/08/29/protected-bike-lanes-safer-cyclists-encourage-more-riding/2099643001/>, (August 2019).
  - Keynote speaker role featured in Western Michigan University press release, “Registration Open for Livable Communities Conference to Address Transportation Solutions,” by Deanne Puca, <https://wmich.edu/news/2019/04/53096>, (April 2019).
  - Quoted in Arizona Republic Article, “On Phoenix’s most dangerous streets, little has been done to address the pedestrian death toll,” by Agnel Philip and Bree Burkitt, <https://www.azcentral.com/in-depth/news/local/arizona->

[investigations/2019/04/01/pedestrian-deaths-phoenix-slow-fix-areas-where-walkers-dying/3009674002/](https://www.seattletimes.com/seattle-news/transportation/can-an-app-help-avoid-bike-car-collisions-on-the-burke-gilman-trail-uw-students-are-testing-it/), (April 2019).

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