

### ACADEMIC POSITIONS

**Virginia Tech**, School of Public and International Affairs, Urban Affairs & Planning

- Chair Urban Affairs and Planning, 2019-present
- Associate Professor (with tenure), 2013-present
- Assistant Professor (tenure track), 2008-2013
- Metropolitan Institute, Virginia Tech, Faculty Fellow, 2009-2018

### EDUCATION

**Rutgers University**, Edward J. Bloustein School of Planning and Public Policy, New Brunswick, NJ

- PhD in Planning and Public Policy, 2008 (Dissertation honored with the “Barclay Gibbs Jones Award for Best Dissertation in Planning 2008” by the Association of Collegiate Schools of Planning (ASCP))
- Graduate Certificate in Transportation Studies, 2004
- Master of City and Regional Studies, 2002

**Universität Konstanz**, Department of Public Policy and Management, Konstanz, Germany

- Master of Public Policy and Management, 2003 (German “Diplom”)

**Sorbonne-Panthéon**, Paris, France, Administration Économique, Exchange Student, 2000-2001

### PUBLICATIONS

Peer-Reviewed Journals (70) (sorted by subject area)

#### Sustainable Transport and Policy (12)

1. Botello, B., **Buehler, R.**, Hankey, S., Mondschein, A., Zhiqiu, J. 2019. “Planning for Walking and Cycling in an Autonomous-Vehicle Future,” *Transportation Research Interdisciplinary Perspectives*.
2. **Buehler, R.**, Pucher, J., Altshuler, A. 2017. “Vienna’s Path to Sustainable Transport,” *International Journal of Sustainable Transportation*, Vol. 11, No. 4, pp. 257-271.
3. **Buehler, R.**, Pucher, J., Gerike, R. and Goetschi, T. 2017. “Reducing Car Dependence in the Heart of Europe: Lessons from Germany, Austria, and Switzerland,” *Transport Reviews*, Vol. 37, No. 1, pp 4-28.
4. **Buehler, R.** 2016. “Reducing Carbon Dioxide Emission from Daily Travel: Insights from Germany,” *TRNews, Issue on Public Health and Transportation*, No. 301, January/February 2016, pp. 3-7.
5. **Buehler, R.**, Jung, W. and Hamre, A. 2015. “Planning for Sustainable Transport in Germany and the U.S.: A comparison of the Washington, DC and Stuttgart Regions,” *International Planning Studies*, Vol. 20, No. 3, pp. 292-312.
6. **Buehler, R.** 2014. “Daily Travel and CO<sub>2</sub> Emissions from Passenger Transport: A Comparison of Germany and the United States,” *Transportation Research Record: Journal of the Transportation Research Board*, No. 2454, pp. 36-44.
7. **Buehler, R.**, Pucher, J. 2011. “Sustainable Transport in Freiburg: Lessons from Germany’s Environmental Capital,” *International Journal of Sustainable Transportation*, Vol. 5, pp. 43-70.
8. **Buehler, R.**, Keeley, M., Jungjohann, A., and M. Mehling. 2011. “How Germany Became Europe’s Green Leader: A Look at Four Decades of Sustainable Policymaking,” *The Solutions Journal*, Vol. 2, No.5 pp. 51-63.
9. **Buehler, R.** 2010. “Transport Policies, Automobile Use, and Sustainable Transportation: A Comparison of Germany and the USA,” *Journal of Planning Education and Research*, Vol. 30, pp. 76-93.
10. **Buehler, R.**, Pucher, J. 2009. “Sustainable Transport that Works: Lessons from Germany,” *World Transport Policy and Practice*, Vol. 15, No. 1, pp. 13-46.
11. Schmidt, S., **Buehler, R.** 2007. “The Planning Process in the U.S. and Germany: A Comparative Analysis,” *International Planning Studies*. Volume 12, Issue 1, pp. 55-75.
12. Pucher, J., **Buehler, R.** 2007. “Sustainable Transport in Canadian Cities: Cycling Trends and Policies,” *Berkeley Planning Journal*. Volume 19, pp. 97-123.

Bicycling (24)

1. Heinen, E., **Buehler, R.** 2019. "Bicycle parking: a systematic review of scientific literature on parking behaviour, parking preferences, and their influence on cycling and travel behavior," *Transport Reviews*, Vol.39, No.5, pp. 630-656.
2. **Buehler, R.** 2018. "Bicycling levels and trends in Western Europe and the USA," *GEOAGENDA*, 2018, No. 1, pp. 10-13. (Note: invited article).
3. Lu, T., Mondschein, A., **Buehler, R.**, Hankey, S. 2018. "Adding temporal information to direct-demand models: Hourly estimation of bicycle and pedestrian traffic in Blacksburg, VA," *Transportation Research Part D: Transport and Environment*. Vol 63, pp. 240-260.
4. Pucher, J., **Buehler, R.** 2017. Cycling towards a more sustainable transport future, *Transport Reviews*, Vol. 37, No. 6, pages 689-694. (Note: Invited Editorial).
5. Wergin, J., **Buehler, R.** 2017. "Where Do Bikeshare Bikes Actually Go?" *Transportation Research Record: Journal of the Transportation Research Board*. No 2662, pp. 12-21.
6. Lu, T., **Buehler, R.**, Mondschein, A., Hankey, S. 2017. "Designing a Bicycle and Pedestrian Traffic Monitoring Program to Estimate Annual Average Daily Traffic in a Small Rural College Town," *Transportation Research Part D: Transport and Environment*, Vol 53, pp.193-204.
7. **Buehler, R.**, Dill, J. 2016. "Bikeway networks: A review of effects on cycling," *Transport Reviews*, Vol. 36, No. 1, pp. 9-27.
8. Pucher, J., **Buehler, R.** 2016. "Safer Cycling Through Improved Infrastructure," *American Journal of Public Health*, Vol. 106, No. 12, pp 2089-2090. (Note: Invited Editorial).
9. **Buehler, R.**, Hamre, A. 2016. "Business and Bikeshare User Perceptions of the Economic Benefits of Capital Bikeshare," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2520, pp. 100-111.
10. Hamre, A., **Buehler, R.** 2014. "Shared Benefits of Capital Bikeshare," *Carolina Planning*, Vol. 39, pp. 9-15.
11. Buck, D., **Buehler, R.** Happ, P., Rawls, B. Chung, P., Borecki, N. 2013. "Are Bikeshare Users Different from Regular Cyclists? First Look at Short-Term Users, Annual Members, and Area Cyclists in the Washington, D.C., Region," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2387, pp. 112-119.
12. **Buehler, R.** 2012. "Determinants of Bicycle Commuting in the Washington, D.C. Region: The Role of Bicycle Parking, Cyclist Showers, and Free Car Parking at Work," *Transportation Research Part D: Transport and Environment*, Vol. 17, No. 7, pp. 525-531.
13. **Buehler, R.**, Pucher, J. 2012. "Cycling to Work in 90 Large American Cities: New Evidence on the Role of Bike Paths and Lanes," *Transportation*, Vol. 39, 2, pp. 409-432.
14. **Buehler, R.**, Hamre, A., Sonenklar, D., Goger, P. 2012. "Cycling Trends and Policies in the Washington, D.C. Region," *World Transport Policy and Practice*, Vol. 18, No. 2, pp. 6-29.
15. Pucher, J., **Buehler, R.**, Seinen, M. 2011. "Bicycling Renaissance in North America? An Update and Re-Appraisal of Cycling Trends and Policies," *Transportation Research Part A: Policy and Practice*, Vol. 45, No. 6, pp. 451-475.
16. **Buehler, R.**, Pucher, J. 2010. "Amsterdam: Bicycling Capital of Europe," *Sustain, A Journal of Environmental and Sustainability Issues*, Issue 21, pp. 36-40.
17. Pucher, J., Thorwaldson, L., **Buehler, R.**, Klein, N. 2010. "Cycling in New York: Innovative Policies at the Urban Frontier," *World Transport Policy and Practice*, Vol. 16, No. 1, pp. 7-50.
18. Pucher, J., **Buehler, R.** 2009. "Cycling for a Few or for Everyone: The Importance of Social Justice in Cycling Policy," *World Transport Policy and Practice*, Vol. 15, No. 1, pp. 57-64.
19. Pucher, J., **Buehler, R.** 2008. "Making Cycling Irresistible: Lessons from the Netherlands, Denmark, and Germany," *Transport Reviews*, Vol. 28, No. 4, pp. 495-528.
20. Pucher, J., **Buehler, R.** 2008. "Cycling for Everyone: Lessons from Northern Europe," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2074, pp. 58-65.
21. Pucher, J., **Buehler, R.** 2007. "Cycling Trends and Policies: Why Canada is so far Ahead," *PlanCanada*. Volume 47, Issue 1, pp. 13-19.

22. Pucher, J., **Buehler, R.** 2007. "At the Frontiers of Cycling: Policy Innovations in the Netherlands, Denmark, and Germany," *World Transport Policy and Practice*, Vol. 13, No. 3, pp. 8-57.
23. Pucher, J., **Buehler, R.** 2006. "Cycling Trends and Policies in Canadian Cities," *World Transport Policy and Practice*. Vol. 11, No. 1, pp. 43-61.
24. Pucher, J., **Buehler, R.** 2006. "Why Canadians Cycle more than Americans: A Comparative Analysis of Bicycling Trends and Policies," *Transport Policy*, Vol. 13, No. 1, 2006, pp. 265-279. (among top 5 most cited articles in *Transport Policy* between 2006 and 2011).

#### Travel Behavior (12)

1. Le, H. T. K., **Buehler, R.**, Fan, Y., Hankey, S. 2020. "Expanding the positive utility of travel through weeklong tracking: Within-person and multi-environment variability of ideal travel time," *Journal of Transport Geography*. (accepted for publication)
2. Eisenmann, C., **Buehler, R.** 2018. "Are cars used differently in Germany than in California? Findings from annual car-use profiles," *Journal of Transport Geography*, Vol. 69, 171-180.
3. **Buehler, R.**, Hamre, A. 2016. "An Examination of Recent Trends in Multimodal Travel Behavior Among American Motorists," *International Journal of Sustainable Transportation*, Vol. 10, No. 4, 354-364.
4. **Buehler, R.**, Hamre, A. 2015. "A Multimodal Majority? Driving, Cycling, Walking, and Public Transport Use Among American Adults," *Transportation*, Volume 42, Issue 6, pp 1081-1101.
5. Kuhnimhof, T., Armoogum, J., **Buehler, R.**, Dargay, J., Denstadli, J., Yamamoto, T. 2012. "Men Shape a Downward Trend in Car Use among Young Adults – Evidence from Six Industrialized Countries," *Transport Reviews*, Vol. 32, No. 6, 761-779.
6. Kuhnimhof, T., **Buehler, R.**, Kalinowska, D., Wirtz, M. 2012. "Travel Trends for Young Adults in Germany: Increasing Multimodality and Declining Car Use for Men," *Transport Geography*, Vol. 24, pp. 443-450.
7. **Buehler, R.** 2011. "Determinants of Mode Choice: A Comparison of Germany and the USA," *Transport Geography*, Vol. 19, pp. 644-657.
8. Kuhnimhof, T., **Buehler, R.**, Dargay, J. 2011. "A New Generation? Travel Trends among Young Germans and Britons," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2030, pp. 58-67.
9. **Buehler, R.**, Nobis, C. 2010. "Travel Behavior in Ageing Societies: A Comparison of Germany and the United States," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2182, pp. 62-70.
10. **Buehler, R.**, Kunert, U. 2010. "Determinanten und Perspektiven des Verkehrsverhaltens in Deutschland und den USA," *Internationales Verkehrswesen*, Vol. 62, No. 6.
11. **Buehler, R.**, Kunert, U. 2010. "Trends im Verkehrsverhalten in den USA und in Deutschland," *Internationales Verkehrswesen*, Vol. 61, No. 1+2.
12. **Buehler, R.** 2009. "Determinants of Automobile Use: A Comparison of Germany and the U.S.," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2139, pp. 161-171.

#### Public Transport (8)

1. **Buehler, R.**, Pucher, J., Duemmler, O. 2019. "Verkehrsverbund: The Evolution and Spread of Fully-Integrated Regional Public Transport in Germany, Austria, and Switzerland," *International Journal of Sustainable Transportation*, Vol. 13, No. 1, 36-50.
2. **Buehler, R.** 2018. "Can Public Transportation Compete with Automated and Connected Cars?" *Journal of Public Transportation*, Vol. 21, No. 1, 7-18.
3. Hamre, A., **Buehler, R.** 2014. "Commuter Mode Choice and Free Car Parking, Public Transportation Benefits, Showers/Lockers, and Bike Parking at Work: Evidence from the Washington, DC Region," *Journal of Public Transportation*, Vol. 17, No. 2, 76-91.
4. **Buehler, R.**, Pucher, J. 2012. "Demand for Public Transport in Germany and the USA: An Analysis of Rider Characteristics," *Transport Reviews*, Vol. 32, No. 5, pp. 541-567.
5. **Buehler, R.**, Pucher, J. 2011. "Making Public Transport Financially Sustainable," *Transport Policy*, Vol. 18, No. 1, pp. 128-136.

6. **Buehler, R.**, Pucher, J. 2010. "Finanzielle Nachhaltigkeit des öffentlichen Personennahverkehrs: Entwicklungen und Herausforderungen," *Vierteljahrshefte zur Wirtschaftsforschung*, Vol. 79, No. 2, S. 127–138.
7. **Buehler, R.** 2009. "Promoting Public Transport: A Comparison of Passengers and Policies in Germany and the U.S.," *Transportation Research Record: Journal of the Transportation Research Board*, No. 2110, pp. 60-68.
8. Pucher, J., **Buehler, R.** 2009. "Integrating Bicycling and Public Transport in North America," *Journal of Public Transportation*, Vol. 12, No. 3, pp. 79-104.

Active Travel and Public Health (13)

1. **Buehler, R.**, Pucher, J. 2021. "The Growing Gap in Pedestrian and Cyclist Fatality Rates between the United States and the United Kingdom, Germany, Denmark, and the Netherlands, 1990–2018," *Transport Reviews*, Vol. 41, Issue 1, January.
2. **Buehler, R.**, Pucher, J., Bauman, A. 2020. "Physical activity from walking and cycling for daily travel in the United States, 2001–2017: Demographic, socioeconomic, and geographic variation," *Journal of Transport and Health*, Vol. 16 (March).
3. James, O., Swiderski, JI, Hicks, J., Teoman, D., and **Buehler, R.** 2019. "Pedestrians and E-Scooters: An Initial Look at E-Scooter Parking and Perceptions by Riders and Non-Riders," *Sustainability*.
4. Le, H.T.K., **Buehler, R.**, Hankey, S. 2019. "Have walking and bicycling increased in the US? A 13-year longitudinal analysis of traffic counts from 13 metropolitan areas," *Transportation Research Part D: Transport and Environment*, Vol. 69, pp. 329-345.
5. **Buehler, R.**, Kuhnimhof, T., Bauman, A., Eisenmann, Ch. 2019. "Active Travel as Stable Source of Physical Activity for One Third of German Adults: Evidence from Longitudinal Data," *Transportation Research Part A: Policy and Practice*, Vol 123, pp.105-118.
6. Le, H.T.K., **Buehler, R.**, Hankey, S. 2018. "Correlates of the Built Environment on Active Travel: Evidence from 20 US Metropolitan Areas," *Environmental Health Perspectives* 126(7).
7. Winters, M., **Buehler, R.**, Goetschi, T. 2017. "Policies to Promote Active Travel: Evidence from Reviews of the Literature," *Current Environmental Health Reports*, Special Issue on Built Environment and Health, Vol. 4, No. 3, pp. 278-285.
8. **Buehler, R.**, Pucher, J. 2017. "Have Walking and Cycling Become Safer? Recent Evidence from High-Income Countries, with a Focus on the United States and Germany," *American Journal of Public Health*, Vol. 107, No. 2, pp. 281-287.
9. Hankey, S., Lu, T., Mondschein, A., **Buehler, R.** 2017. "Spatial models of active travel in small communities: Merging the goals of traffic monitoring and direct-demand modeling," *Journal of Transport and Health*, Volume 7, Part B, pp. 149-159.
10. **Buehler, R.**, Götschi, T., Winters, M. 2016. "Moving Toward Active Transportation: How Policies Can Encourage Walking and Bicycling," San Diego, CA: *Active Living Research*. (peer reviewed research brief).
11. **Buehler, R.**, Pucher, J., Merom, D., Baumann, A. 2011. "Active Travel in Germany and the USA: Contributions of Daily Walking and Cycling to Physical Activity," *American Journal of Preventive Medicine*, Vol. 40, No. 9, September 2011, pp. 241-250.
12. Pucher, J., **Buehler, R.**, Merom, D., Baumann, A. 2011. "Walking and Cycling in the United States, 2001-2009: Evidence from the National Household Travel Surveys," *American Journal of Public Health*, Vol. 101, No. S1, December 2011, pp. S310-S317.
13. Pucher, J., **Buehler, R.** 2010. "Walking and Cycling for Healthy Cities," *Built Environment*, Vol. 36, No. 4.
14. Pucher, J., **Buehler, R.**, Bassett, D., Dannenberg, A. 2010. "Walking and Cycling to Health: Recent Evidence from City, State, and International Comparisons," *American Journal of Public Health*, Vol. 100, No. 10, pp. 1986-1992.
15. Bassett, D., Pucher, J., **Buehler, R.**, Thompson, D., Crouter, S. 2008. "Walking, Cycling, and Obesity Rates in Europe, North America and Australia," *Journal of Physical Activity and Health*, Vol. 5, No. 6, pp. 795-814. (Note: republished in shortened and updated version as: Bassett, D., Pucher, J., **Buehler, R.**, Thompson, D., Crouter, S. 2011. "Active Transportation and Obesity in Europe, North America, and Australia," *ITE Journal*, Vol. 81, No. 8, pp. 24-28).

### Peer-Reviewed Books/Monographs (3)

1. Buehler, R., Pucher, J. (eds). 2021. *Cycling for Sustainable Cities*. MIT Press.
2. Pucher, J., **Buehler, R.** (eds.) 2012. *City Cycling*. MIT Press (416 pages).
3. **Buehler, R.**, Pucher, J., Kunert, U. 2009. "Making Transportation Sustainable: Insights from Germany," *Washington D.C.: The Brookings Institution, Metropolitan Policy Program*, (38 pages plus statistical appendix).

### Book Chapters (14)

1. **Buehler, R.**, Pucher, J. 2021. "International Overview of Cycling," in Buehler, R., Pucher, J. (eds.) 2021. *Cycling for more Sustainable Cities*. MIT Press.
2. **Buehler, R.**, Pucher, J. 2021. "Cycling to a More Sustainable Transport Future," in Buehler, R., Pucher, J. (eds.) 2021. *Cycling for more Sustainable Cities*. MIT Press.
3. **Buehler, R.**, Heinen, E., Nakamura, K. 2021. "Bicycle Parking," in Buehler, R., Pucher, J. (eds.) 2021. *Cycling for more Sustainable Cities*. MIT Press.
4. Pucher, J., **Buehler, R.** 2021. "Cycling to Sustainability," in Buehler, R., Pucher, J. (eds.) 2021. *Cycling for more Sustainable Cities*. MIT Press.
5. **Buehler, R.**, Pucher, J., Altshuler, A. 2018. "Vienna: Complementary Strategies to Reduce Car Dependence," in Davis, D., Altshuler, A. (eds.) *Transforming Urban Transportation: The Role of Political Leadership*, Oxford University Press.
6. **Buehler, R.**, Stowe, J. 2015. "Bicycling in the Washington, DC Region: Trends in Ridership and Policies Since 1990," In: Hyra, D., Prince, S. (eds.) *Capital Dilemma: Growth and Inequality in Washington, DC*. New York: Routledge.
7. **Buehler, R.**, Pucher, J. 2014. "Urban Transport: Promoting Sustainability in Germany," In: Keleman, D. (ed.) *Lessons from Europe: What Americans can Learn from European Public Policies*. CQ Press.
8. Pucher, J., **Buehler, R.**, Bassett, D., Dannenberg, A. 2013. "Walking and Cycling to Health: Recent Evidence from City, State, and International Comparisons," In: Greaves, S. and Garrard, J. (eds.), *Transport, the Environment and Public Health: Classic Papers on Non-motorised Travel*. Edward Elgar (reprint of article).
9. **Buehler, R.**, Pucher, J. 2012. "International Overview," in Pucher, J., Buehler, R. (eds.) 2012. *City Cycling*. MIT Press.
10. **Buehler, R.**, Pucher, J. 2012. "Big City Cycling," in Pucher, J., Buehler, R. (eds.) 2012. *City Cycling*. MIT Press.
11. Pucher, J., **Buehler, R.** 2012. "Integration of Cycling with Public Transportation," in Pucher, J., Buehler, R. (eds.) 2012. *City Cycling*. MIT Press.
12. Pucher, J., **Buehler, R.** 2012. "Promoting Cycling for Daily Travel," in Pucher, J., Buehler, R. (eds.) 2012. *City Cycling*. MIT Press.
13. Pucher, J., **Buehler, R.** 2012. "Cycling for Sustainable Transport," in Pucher, J., Buehler, R. (eds.) 2012. *City Cycling*. MIT Press.
14. Pucher, J., **Buehler, R.** 2005. "Transport Policy in Post-Communist Europe," In: Hensher, D., A. and Button, D. J. (eds.), *Handbooks in Transportation*. London: Elsevier, 2005.

### Encyclopedia Entries (5)

1. **Buehler, R.** 2014. "Public Transportation Ridership," SAGE Encyclopedia of Transportation.
2. **Buehler, R.**, Hamre, A. 2014. "Bicycle-Transit Linkages," SAGE Encyclopedia of Transportation.
3. Pucher, J., **Buehler, R.** 2013. "The Role of Bicycles in Partnership with Public Transport," In Myers, R. *Springer Encyclopedia of Sustainability Science and Technology (chapter summarizing previous research)*.
4. **Buehler, R.** 2010. "Traffic Calming," In: Robbins, P. (ed.) SAGE Reference Series on Green Society. Thousand Oaks, CA: SAGE.
5. **Buehler, R.** 2010. "Transportation," In: Dutch, I.E. (ed.) *Encyclopedia of Global Warming*. Pasadena, CA: Salem Press, pp. 993-994.

### Book Reviews (8)

1. **Buehler, R.** 2021. "The Politics of Cycling Infrastructure. Spaces and (In)Equality," *European Planning Studies*.
2. **Buehler, R.** 2020. "Better Buses, Better Cities," *Journal of Urban Affairs*.
3. **Buehler, R.** 2020. "Bike Share," *Journal of Planning Education and Research*.
4. **Buehler, R.** 2019. "Copenhagenize: The Definite Guide to Global Bicycle Urbanism," *Journal of Urban Affairs*, Vol. 41, No. 6, pp. 883-885.
5. **Buehler, R.** 2018. "Bike Boom," *Journal of Planning Education and Research*, Vol 38, No. 4, pp. 502-503.
6. **Buehler, R.** 2011. "Sustainable Transportation—Problems and Solutions," *Journal of Planning Education and Research*. Vol. 31, No. 4, pp. 471-473.
7. **Buehler, R.** 2011. "Transport for Suburbia – Beyond the Automobile Age," *Canadian Journal of Urban Research*, Volume 19, issue 2, pp. 137-139.
8. **Buehler, R.** 2006. "Making Urban Transportation Sustainable," *Journal of the American Planning Association*. Vol. 11, No. 3, pp. 370-371.

### Reports to Governments (10)

1. Botello, B., **Buehler, R.**, Hankey, S., Jiang, Z., Mondschein, A. 2018. *Planning for Walking and Cycling in an Autonomous-Vehicle Future*. Report prepared for the Virginia Center for Transportation Innovation and Research (MATS), Charlottesville, VA, as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
2. Le, H., **Buehler, R.**, Hankey, S. 2017. *Multi-City, National Scale Direct-Demand Models of Peak-Period Bicycle and Pedestrian Traffic*. Report prepared for the Virginia Center for Transportation Innovation and Research (MATS), Charlottesville, VA, as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
3. Hankey, S., Lu, T., Mondschein, A., **Buehler, R.** 2016. *Designing a Bicycle and Pedestrian Traffic Count Program to Estimate Performance Measures on Streets and Sidewalks in Blacksburg, VA*. Report prepared for the Virginia Center for Transportation Innovation and Research (MATS), Charlottesville, VA, as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
4. **Buehler, R.**, Zimmerman, M., Lukacs, K. 2015. *Regional Coordination of Public Transportation: Lessons from Germany, Switzerland, and Austria*. Report prepared for the Mid- Atlantic University Transportation Research Consortium (MAUTC), University Park, PA as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
5. **Buehler, R.**, Hamre, A. 2014. *Economic Benefits of Capital Bikeshare: A Focus on Users and Businesses*. Report prepared for the Mid- Atlantic University Transportation Research Consortium (MAUTC), University Park, PA as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
6. **Buehler, R.**, Hamre, A. 2013. *Multimodal Travel Behavior in the United States*. Report prepared for the Mid- Atlantic University Transportation Research Consortium (MAUTC), University Park, PA as part of the U.S. Department of Transportation's Research and Innovative Technology Administration, Washington, D.C.
7. **Buehler, R.**, Hamre, A., Sonenklar, D., Goger, P. 2011. *Trends and Determinants of Cycling in the Washington, D.C. Region*. Report prepared for the U.S. Department of Transportation, Research and Innovative Technology Administration, Washington, D.C., and the Mid- Atlantic University Transportation Research Consortium (MAUTC), University Park, PA.
8. Pucher, J., **Buehler, R.** 2011. *Bicycling Trends and Policies in Large North American Cities*. Report prepared for the U.S. Department of Transportation, Research and Innovative Technology Administration, Washington, D.C., and the University Transportation Research Consortium, New York, NY, Grant No. 49111-13-21.
9. Dawkins, C., **Buehler, R.** 2011. *Promoting Affordable Housing Near Public Transit: The Role of Planning*. Report prepared for the U.S. Department of Housing and Urban Development, Washington, D.C.

10. **Buehler, R.**, Kunert, U. 2008. *Trends und Determinanten des Verkehrsverhaltens in den USA und Deutschland / Trends and Determinants of Travel Behavior in Germany and the USA*. Report to the German Federal Ministry of Transportation and Urban Development (173 pages).

#### Other Publications (17)

1. **Buehler, R.** 2018. *Foreword*, in Schiller, P., Kenworthy, J. 2018. *An Introduction to Sustainable Transportation*, 2nd Edition. London, UK, Routledge.
2. Schneider, R., Raynault, E., and **R. Buehler**. 2015. *Assessing Active Transportation and Health Conference Highlights Innovative Practices and Research*. In: TRNews, Issue on Public Health and Transportation, No. 299, September/October 2015, pp. 47-49.
3. **Buehler, R.** 2015. *The U.S. can learn from Germany's successful transport policies to reduce CO2 emissions and petroleum dependence*. Invited blog entry for the London School of Economics' Daily Blog on American Politics and Policy (<http://blogs.lse.ac.uk/usappblog/2015/07/17/the-u-s-can-learn-from-germanys-successful-transport-policies-to-reduce-its-co2-emissions-and-petroleum-dependence/>)
4. **Buehler, R.** 2015. *The Policy Problem*. Invited blog entry for The European Magazine, America's Transport Revolution Series (<http://www.theeuropean-magazine.com/ralph-buehler/10218-americas-car-centric-transportation-policy>).
5. **Buehler, R.** 2015. *Germany's Green City: A Journey Toward Sustainable Transportation Planning*. CURB Magazine, Vol. 5, No. 3, pp. 12-13.
6. **Buehler, R.** 2015. *While Americans are not Giving up their Cars, they Become more Multimodal*. Invited blog entry for the London School of Economics' Daily Blog on American Politics and Policy (<http://blogs.lse.ac.uk/usappblog/2015/03/12/while-americans-are-not-yet-giving-up-their-cars-they-are-increasingly-taking-up-walking-cycling-and-public-transport-as-well/>)
7. **Buehler, R.**, Hamre, A. 2015. *Paying Commuters to Get on Their Bikes is Not Enough*. The Conversation Blog. London, UK.
8. **Buehler, R.** 2014. *9 Reasons the U.S. Ended Up So Much More Car-Dependent Than Europe*. Invited blog entry for Atlantic Cities (<http://www.theatlanticcities.com/commute/2014/02/9-reasons-us-ended-so-much-more-car-dependent-europe/8226/>)
9. **Buehler, R.** 2013. "Urban Transport and Cycling: Lessons for LAC from Europe and the US," invited guest blog for Interamerican Development Bank. Spanish version also available "Transporte Urbano y Ciclismo: Lecciones de Europa y Estados Unidos para América Latina."
10. **Buehler, R.**, Jung, W., Hamre, A., Stoddard, P. 2013. "Transportation and Land-Use Planning in Germany and the U.S.: Lessons from the Stuttgart and Washington, DC Regions," *AICGS Report Number 53*. American Institute for Contemporary German Studies, Washington, DC.
11. **Buehler, R.** 2012. "Daily Travel and CO<sub>2</sub> Emissions from Passenger Transport: A Comparison of Germany and the United States," Essay in Transatlantic Perspectives Series, *American Institute for Contemporary German Studies*, Washington, D.C.
12. **Buehler, R.**, Keeley, M., Jungjohann, A., Mehling, M. 2011. "Germany, Europe's Green Leader," *Al-Jazeera, English*, 25. November 2011. (official reprint of "Solutions" article listed above).
13. **Buehler, R.** 2010. "Lance Armstong and I/Lance Armstong und ich," *Automotive Agenda, Special Volume on "Cities and the Automobile/Stadt und Auto,"* Vol. 3, No. 8, p.86, Springer Automotive Media.
14. **Buehler, R.** 2010. "Viewpoint: How can the stigma of public transport as the 'poor man's vehicle' be overcome to enhance sustainability and climate change mitigation?" *Natural Resources Forum* 34, No. 4, 2010, p. 327.
15. **Buehler, R.**, Pucher, J., Kunert, U. 2010. "Making Transportation Sustainable: Insights from Germany," *Planung Neu Denken, Vol. 5, No.2, 2010*, (official reprint of Brookings Institution report listed above).
16. **Buehler, R.**, Lovrien, N. 2008. "Using National Travel Data in State Energy Master Planning," (peer-reviewed conference proceedings). Transportation Research Board annual meeting, Washington, D.C.
17. **Buehler, R.** 2003. "Urban Development in Mega-Cities in Developing Countries," *Master Thesis*, Konstanz, Germany.

#### Published Letters to the Editor (4)

1. **Buehler, R.**, Pucher, J. 2013. "More Men, Fewer Women Riding," *News from the League*, League of American Bicyclist Blog, September 2013.
2. **Buehler, R.** 2010. "Response to: Where Bikes Rule," *Public Management (PM) Magazine*, International City/County Management Association (ICMA) Press, Vol.92 (8).
3. **Buehler, R.** 2009. "Mixed-use Works Well in Downtown," *Badische Zeitung*, Germany.
4. **Buehler, R.**, Pucher, J., Kunert, U. 2008. "Can We Find a New Way to Get Home?" published letter to the editor responding to Paul Krugman's column "Stranded in Suburbia," *New York Times*.

## PRESENTATIONS

### Conference Presentations Based on Peer-Reviewed Papers or Abstracts (64)

1. **Buehler, R.**, Broaddus, A. 2020. *How does a campus adjust to e-scooters? Findings from a pre and post survey of users and non-users at Virginia Tech*, TRB Virtual Forum on Sustainability and Emerging Transportation Technology, online. (based on peer-reviewed abstract)
2. James, O., Swiderski, JI, Hicks, J., **Buehler, R.** 2020. *A First Look at User-Demographics of E-Scooters in Rosslyn Virginia*, 99<sup>th</sup> Transportation Research Board Annual Meeting, Washington, DC. (based on peer-reviewed paper).
3. **Buehler, R.**, James, O., Swiderski, JI, Hicks, J. 2020. *E-Scooters in Rosslyn Virginia*, Emerging Vehicles for Low-Speed Transportation Sub-Committee, 99<sup>th</sup> Transportation Research Board Annual Meeting, Washington, DC. (invited presentation at sub-committee meeting).
4. **Buehler, R.**, Pucher, J., Bauman, A. 2019. *Trends in Walking and Cycling in the United States 2001-2017*. Transportation Research Board Conference on Active Travel and Public Health, Washington, DC (based on peer-reviewed abstract).
5. **Buehler, R.**, Pucher, J., Bauman, A. 2019. *Active Travel in the United States 2001-2017*. Annual Meeting Association of Collegiate Schools of Planning, Greenville, SC (based on peer-reviewed abstract).
6. **Buehler, R.**, Heinen, E. 2019. Bicycle Parking. *Annual Meeting Association of American Geographers*, Washington, DC (based on peer-reviewed abstract).
7. Botello, B., **Buehler, R.**, Hankey, S., Mondschein, A. Jiang, Z. 2019. *Planning for Walking and Cycling in an Autonomous-Vehicle Future*. 98<sup>th</sup> Transportation Research Board Annual Meeting (based on peer-reviewed paper).
8. **Buehler R.**, Chen, F., Cole, J., Hicks, J., Devereux, A., Ventura, H. 2019. *A First Look: Comparison of Users and Usage Patterns of Dockless and Docking-Station-Based Bikeshare Systems in Washington, DC*. 98<sup>th</sup> Transportation Research Board Annual Meeting (based on peer-reviewed paper).
9. **Buehler, R.** 2019. *Trends in Walking and Cycling in the United States, 2001-2017*. 98<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (invited to present in special session on the NHTS 2017).
10. **Buehler, R.**, Kuhnimhof, T., Bauman, A., Eisenmann, Ch. 2018. *Active Travel as Stable Source of Physical Activity for One Third of German Adults*. Annual Meeting Association of Collegiate Schools of Planning, Buffalo, NY (based on peer-reviewed abstract).
11. **Buehler, R.** 2018. A First look: Trends in Walking and Cycling in the United States, 2001-2017. *National Household Travel Survey Workshop 2018*. Transportation Research Board, Washington, D.C. (based on peer-reviewed abstract).
12. **Buehler, R.** Kuhnimhof, T., Bauman, A., Eisenman, Ch. 2018. *Using the German Mobility Panel to Assess Maintenance of Active Travel*. 97<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
13. Le, H., **Buehler, R.**, Hankey, S. 2018. *Toward Generalizability in Direct-Demand Modeling: Exploratory Models from 20 U.S. Jurisdictions*. 97<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper). (Note: Le presenter).
14. Le, H., **Buehler, R.**, Fan, Y., Glasgow, T., Hankey, S. 2018. *Affection for Daily Travel: Exploring Satisfaction Associated with Travel Modes and Activity During Trips*. 97<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper). (Note: Le presenter).



15. **Buehler, R.**, Pucher, J. Duemmler, O. 2017. *Verkehrsverbund: The Evolution & Spread of Fully-Integrated Regional Public Transport in Germany, Austria, & Switzerland*. 2017 Annual Meeting Association of Collegiate Schools of Planning, Denver, CO (based on peer-reviewed abstract).
16. **Buehler, R.**, Pucher, J., Altshuler, A. 2017. *Vienna's Path to Sustainable Transport*. 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
17. Wergin, J., **Buehler, R.** 2017. Where Do Bikeshare Bikes Actually Go? *Poster presented at the 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.* (based on peer-reviewed paper). (Note: Wergin presenter).
18. Lu, T., **Buehler, R.**, Mondschein, A., Hankey, S. 2017. Designing a bicycle and pedestrian traffic monitoring program to estimate annual average daily traffic in a small rural college town. 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper). (Note: Lu presenter).
19. **Buehler, R.**, Pucher, J., Altshuler, A. 2016. *Politics of Sustainable Transport in Vienna*. 2016 Annual Meeting Association of Collegiate Schools of Planning, Portland, OR (based on peer-reviewed abstract).
20. **Buehler, R.**, Pucher, J. 2016. *Walking and Cycling Safety*. UTC Spotlight Conference, Washington, DC.
21. **Buehler, R.** 2016. *Determinants of CO<sub>2</sub> Emissions from Daily Travel: A Comparison of Germany and the USA*. 95<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (invited session/based on review of abstract).
22. **Buehler, R.** 2015. *CO<sub>2</sub> Emissions from Daily Travel: A Comparison of Germany and the USA*. 2015 Annual Meeting Association of Collegiate Schools of Planning, Houston, TX (based on peer-reviewed abstract).
23. **Buehler, R.**, Lukacs, K. 2015. *Daily Travel and CO<sub>2</sub> Emissions from Passenger Transport: A Comparison of Germany and the USA*. Transportation for Sustainability: An International Conference, Transportation Research Board, Washington, DC. (Note: Lukacs presenter).
24. **Buehler, R.**, Kuhnimhof, T., Bauman, A., 2015. *Assessing Physical Activity from Active Travel using Panel Data*. ACSM TRB Conference: Moving Active Travel to Higher Ground, Transportation Research Board, Washington, DC.
25. **Buehler, R.**, Hamre, A. 2015. *Using NHTS 2001 and 2009 to Analyze Intrapersonal Variability in Travel Behavior*. 94<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (invited session/based on review of abstract).
26. **Buehler, R.**, Hamre, A. 2015. *Business and Bikeshare User Perceptions of the Economic Benefits of Capital Bikeshare*. 94<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
27. **Buehler, R.**, Hamre, A. 2014. *A Multimodal Majority? Driving, Cycling, Walking, and Public Transport Use Among American Adults*, 2014 Annual Meeting Association of Collegiate Schools of Planning, Philadelphia, PA (based on peer-reviewed abstract).
28. Hamre, A., **Buehler, R.** 2014. *Commuter Mode Choice and Free Car Parking, Public Transportation Benefits, Showers/Lockers, and Bike Parking at Work: Evidence from the Washington, DC Region*, 2014 Annual Meeting Association of Collegiate Schools of Planning, Philadelphia, PA (based on peer-reviewed abstract). (Note: Hamre presenter)
29. **Buehler, R.** 2014. *Daily Travel and CO<sub>2</sub> Emissions from Passenger Transport: Comparison of Germany and the United States*. 93<sup>rd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper). (Honored with "Award for the Best Paper on a topic addressing Climate Change issues")
30. **Buehler, R.**, Hamre, A. 2014. *First Look at Multimodal Individual Travel Behavior in the United States*. 93<sup>rd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
31. Buck, D., **Buehler, R.** Happ, P., Rawls, B. Chung, P., Borecki, N. 2013. *Are Bikeshare Users Different from Regular Cyclists? First Look at Short-Term Users, Annual Members, and Area Cyclists in the Washington, D.C., Region*. 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
32. **Buehler, R.** 2013. *Trip-End Facilities at Work and Bicycle Commuting in the Washington, D.C., Region*. 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).

33. Hamre, A., **Buehler, R.** 2013. *Role of Commuter Benefits in Shaping Decision to Walk, Cycle, or Ride Transit to Work in Washington, D.C., Region.* Poster at 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
34. **Buehler, R.**, Pucher, J. 2013. *Demand for Public Transport in Germany and the United States: Analysis of Rider Characteristics.* 92<sup>nd</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
35. **Buehler, R.** 2012. *Daily Travel and CO<sub>2</sub> Emissions from Passenger Transport.* Poster at TRB/UTC/USDOT Spotlight Conference on Sustainable Energy and Transportation, Washington, D.C. (based on peer-reviewed abstract).
36. **Buehler, R.** 2012. *Cyclist Showers, Bicycle Parking, and Car Parking as Determinants of Bicycle Commuting* 2012 Annual Meeting Association of Collegiate Schools of Planning, Cincinnati, OH. (based on peer-reviewed abstract).
37. **Buehler, R.** 2012. *Determinants of Bicycle Commuting in Washington, D.C.* 2012 Annual Meeting Association of American Geographers, New York City, NY. (based on peer-reviewed abstract).
38. Buck, D., **Buehler, R.** 2012. *Bike Lanes and Other Determinants of Capital Bikeshare Trips.* 91<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
39. **Buehler, R.**, Pucher, J., Merom, D., Baumann, A. 2011. *Active Travel in Germany and the USA: Contributions of Daily Walking and Cycling to Physical Activity.* Association of Collegiate Schools of Planning (ACSP) conference 2011, Salt Lake City, Utah. (based on peer-reviewed abstract).
40. **Buehler, R.**, Pucher, J., Merom, D., Baumann, A. 2011. *Active Travel in Germany and the USA. Workshop: Using National Household Travel Survey Data for Transportation Decision Making.* Transportation Research Board/Office of Highway Policy Information, Federal Highway Administration, Washington, D.C.
41. **Buehler, R.**, Pucher, J. 2011. *Impacts of Bike Paths and Lanes on Cycling in Large American Cities.* 90<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
42. Pucher, J., **Buehler, R.**, Merom, D., Baumann, A. 2011. *Walking and Cycling in the United States, 2001-2009.* 90<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
43. Kuhnimhof, T., **Buehler, R.**, Dargay, J. 2011. *Travel Trends among Young Germans and Britons.* 90<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
44. Sonenklar, D., **Buehler, R.** 2011. *Determinants of Cycling in Washington, D.C.* 90<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.
45. **Buehler, R.** 2010. *Planning for Livable Communities: Lessons from Freiburg.* Poster at TRB/USDOT Transport Systems for Livable Communities Conference, Washington, D.C. (based on peer-reviewed abstract).
46. **Buehler, R.** 2010. *Four Decades of Planning for Sustainable Transport in Freiburg, Germany.* Association of Collegiate Schools of Planning (ACSP) conference 2010, Minneapolis, MN. (based on peer-reviewed abstract).
47. **Buehler, R.**, Kuhnimhof, T. 2010. *New Travel Trends of Young Germans.* 2010 Annual Meeting Association of American Geographers, Washington, D.C. (based on peer-reviewed abstract).
48. **Buehler, R.** 2010. *Similarities and Difference in German and American Determinants of Mode Choice.* 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
49. **Buehler, R.**, Nobis, C. 2010. *Travel Behavior in Ageing Societies: A Comparison of Germany and the U.S.* 89<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
50. **Buehler, R.**, Pucher, J. 2009. *Making Public Transport Financially Sustainable* Association of Collegiate Schools of Planning (ACSP) conference, Chrystal City, VA. (based on peer-reviewed abstract).
51. **Buehler, R.** 2009. *Determinants of Automobile Use in Germany and the U.S.* Transatlantic Network on European Communications and Transport Activities Research Conference. Arlington, VA, (based on peer-reviewed abstract).
52. **Buehler, R.** 2009. *Determinants of Car Use: A Comparison of Germany and the U.S.* 88<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).

53. **Buehler, R.** 2009. *Promoting Public Transport: A Comparison of Passengers and Policies in Germany and the U.S.* 88<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
54. Pucher, J., **Buehler, R.** 2009. *Integrating Bicycling and Public Transport in North America* 88<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
55. **Buehler, R.** 2008. *Determinants of Travel Behavior in Ageing Societies: A Comparison of Germany and the U.S.* Presented at "Impact of Changing Demographics on the Transport System Conference," Keck Center of the National Academies, Transportation Research Board, Washington, D.C. (based on peer-reviewed abstract).
56. **Buehler, R.** 2008. *Towards More Sustainable Transportation: Do Policies Matter?* Association Collegiate Schools of Planning (ACSP) conference, Chicago, IL. (based on peer-reviewed abstract).
57. Pucher, J., **Buehler, R.** 2008. *Cycling for Everyone: Lessons from Northern Europe.* 87<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
58. **Buehler, R.**, Lovrien, N. 2008. *Using National Travel Data in State Energy Master Planning: Gaps and Opportunities in National Transportation Data.* 87<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C. (based on peer-reviewed paper).
59. **Buehler, R.** 2007. *Promoting Public Transit in Face of Increasing Suburbanization.* Association of Collegiate Schools of Planning (ACSP) conference, Milwaukee, WI. (based on peer-reviewed abstract).
60. **Buehler, R.** 2007. *Spatial Development Patterns, Land Use, and Travel Behavior in Germany and the U.S.* Urban Affairs Association, 37th Annual Meeting, Seattle, WA. (based on peer-reviewed abstract).
61. **Buehler, R.** 2007. *Behavior-Targeted Taxes in Germany.* Poster at the Annual Conference of the American Planning Association (APA), Philadelphia, PA. (based on peer-reviewed abstract).
62. Schmidt, S., **Buehler, R.** 2006. *Land Use Planning in Germany and the U.S.* Association of Collegiate Schools of Planning (ACSP) conference, Fort Worth, TX. (based on peer-reviewed abstract).
63. **Buehler, R.** 2006. *Transportation Trends and Policies in Germany since Reunification.* Association of Collegiate Schools of Planning (ACSP) conference, Fort Worth, TX. (based on peer-reviewed abstract).
64. **Buehler, R.**, Pucher, J. 2005. *Cycling Trends and Policies in American and Canadian Cities.* Association of Collegiate Schools of Planning (ACSP) conference, Kansas City, MO. (based on peer-reviewed abstract).

#### Presentations at Organized Conference Sessions (11)

1. **Buehler, R.** 2017. *Novel Methods in Bicycle Research—Discussant.* 2017 Association of Collegiate Schools of Planning (ACSP) conference, Denver, CO.
2. **Buehler, R.** 2017. *Cycling in the Global South—Panelist.* Scientists for Cycling Conference/VeloCity 2017, Radboud University, Nijmegen, The Netherlands.
3. **Buehler, R.** 2017. *Comparison of Determinants of CO<sub>2</sub> Emissions from Daily Travel in Germany and the US.* Invited presentation at workshop “Urban Form Impacts on Transport Energy Use” at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.
4. **Buehler, R.** 2017. *Technology Alone Cannot Solve the Problem.* Invited presentation for organized session “We Know There Is a Climate Problem; Why Aren't We Doing Something?” at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.
5. **Buehler, R.** 2017. *Making Cycling Irresistible.* Invited presentation at workshop “De-carbonization Pathways for the United States” at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.
6. **Buehler, R.** Lovegrove, G. 2017. *State of Cycling and Connection to Freight Research.* Invited presentation at committee meeting “TRB Urban Freight Transportation Committee” at 96<sup>th</sup> Transportation Research Board Annual Meeting, Washington, D.C.
7. **Buehler, R.** et al. 2015. *ACSM/TRB Conference: Moving Active Travel to Higher Ground.* Transportation Research Board, Washington, DC. Conference-organizing committee chair.
8. Schmidt, S., **Buehler, R.** 2010. *Planning Trends in Contemporary Europe.* Organized at Session Association of Collegiate Schools of Planning (ACSP) conference, Minneapolis, MN.
9. **Buehler, R.** 2010. *Sustainable Transport in Small Towns.* Organized Session and Presentation at 9th Annual New Partners for Smart Growth Conference, Seattle, WA.

10. **Buehler, R.** 2010. *Sustainable Transport in Freiburg: Lessons from Germany's Environmental Capital*. National Council of Science and the Environment. The New Green Economy Conference, Washington, D.C. (based on peer-reviewed session proposal).
11. **Buehler, R.** 2005. *Cycling Trends and Policies in Canada*. Bloustein School Conference. New Brunswick, NJ.

#### Invited Presentations and Guest Lectures at Academic Institutions (46)

1. **Buehler, R.** 2020. *Designing Intersections for Bicyclists and Pedestrians*. Universitaet Kassel, Germany.
2. **Buehler, R.** 2020. *Bicycle Infrastructure for More Cycling*. Universitaet Wuppertal, Germany.
3. **Buehler, R.** 2020. *Bicycling for Sustainable Cities*. Humboldt University, Berlin, Germany.
4. **Buehler, R.** 2019. *Verkehrsverbund—Regional Coordination of Public Transport*. The Governance of Metropolitan Transport Systems Workshop, Volvo Education and Research Foundation and Lund University Public Transport Knowledge Center K2, Lund, Sweden.
5. **Buehler, R.** 2018. *Regional Coordination of Public Transport, Lessons from Germany*. University of California Los Angeles (UCLA), Lake Arrowhead Symposium “From Public Transit to Public Mobility,” Lake Arrowhead, California.
6. **Buehler, R.,** Pucher, J., Altshuler, A. 2018. *Complementary Strategies to Reduce Car Dependence in Vienna*. Harvard University, Transforming Urban Transport- The Role of Political Leadership (TUT-POL). Book Launch and Symposium, Vienna, Austria.
7. **Buehler, R.** 2018. *Can Public Transportation Compete with Automated and Connected Cars?* Center of Urban Transportation Research (CUTR) Transportation Webcast. (Note: 70 attendees nationwide)
8. **Buehler, R.** 2017. *Long-Term Integrated Planning: Vienna's Path to Sustainable Transport*. Commission on Travel Demand, Evidence Session 5, Cambridge, UK. (Note: electronic participation)
9. **Buehler, R.** 2017. *Trends in Bicycling and in Bicycling Research—A US Perspective*. Scientists for Cycling Conference/VeloCity 2017, Radboud University, Nijmegen, The Netherlands.
10. **Buehler, R.** 2017. *Vienna's Path to Sustainable Transport*. Presentation as part of the closing panel at the Ridenour Faculty Fellowship Conference, Blacksburg, VA
11. **Buehler, R.** 2017. *Reducing Car-Dependence: Lessons from Europe and North America*. Oxford University, Transport Studies Unit.
12. **Buehler, R.** 2016. *Active Travel and Public Health*. The City as Health Policy Conference, Rutgers University, Center for Race and Ethnicity, New Brunswick, NJ.
13. **Buehler, R.** 2016. *Transport Mode Choice and Determinants of Active Travel*. Invited presentation at University of Natural Resources and Life Sciences (BOKU), Vienna, Austria.
14. **Buehler, R.** 2016. *Overview of TRB's Committee on Bicycle Transportation and Current Research Needs*. Invited short presentation at Unifying Atlanta through Better Cycling, Pre-Conference Meeting, Georgia State University, Atlanta, GA.
15. **Buehler, R.** 2015. *Making Cycling Irresistible*. Invited presentation at Virginia Commonwealth University “Bicycle Urbanism Symposium II.” Plenary address, Richmond, VA.
16. **Buehler, R.** 2015. *Lessons from 10 Years of Comparative Research in Transport Policy and Travel Behavior in North America and Western Europe*. Invited presentation at the University of Stuttgart “Comparing Apples and Oranges? A Colloquium on International Comparative Urban Research.” (note: participated remotely).
17. **Buehler, R.** 2015. *Making Urban Transport Sustainable: International Comparison and Lessons for the USA*. Bloustein School, Rutgers University, New Brunswick, NJ.
18. **Buehler, R.,** Pucher, J. 2014. *Sustainable Transport in Large European Cities*. Invited presentation at Transforming Urban Transport Workshop, Harvard University, Boston, MA.
19. **Buehler, R.** 2014. *Comments and Thoughts on Bikeshare and Public Transport*. Transit, Development, and Forme Urbaine: Washington et Paris, University of Maryland.
20. **Buehler, R.,** Stowe, J. 2014. *Bicycling Trends and Policies in Washington, DC*. American University Workshop on Growth and Equity in Washington, DC
21. **Buehler, R.** 2014. *Making Urban Transport Sustainable*. Invited guest lecture for graduate level course at Johns Hopkins University, Washington, D.C.

22. **Buehler, R.** 2014. *Sustainable Transport in Germany and the USA*. University of Virginia Engineering & Society Brown Bag Lunch Series, University of Virginia, Charlottesville, VA
23. **Buehler, R.** 2014. *Trends and Determinants of Active Travel in Western Europe and North America: implications for Sustainability*. University of Lausanne, Faculty of Geosciences, Lausanne, Switzerland.
24. **Buehler, R.** 2013. *Sustainability, Transport, and Health*. Invited presentation to the National Academies' Roundtable on Science and Technology for Sustainability, National Academy of Sciences, Washington, D.C.
25. **Buehler, R.** 2013. *Planning for Sustainable Urban Transport: lessons from Washington, DC and Stuttgart*. Invited guest lecture for graduate level course "Transatlantic Learning: Lessons from Europe" at Johns Hopkins University, Washington, D.C.
26. **Buehler, R.** 2013. *How can the Washington, DC area become the next bicycle capital of the USA?* MI+SPIA Lecture Series, Arlington, VA.
27. **Buehler, R.** 2013. *Making cycling irresistible - Lessons from Western Europe and North America*. Greenways for Green Cities, University of Oulu, Finland.
28. **Buehler, R.** 2013. *Making Urban Transport Sustainable*. Transportation Seminar Series. Center for Transportation Studies. Portland State University, Portland, Oregon.
29. **Buehler, R.** 2013. *Making Urban Transport Sustainable*. LiveMove Speaker Series. University of Oregon, Eugene, Oregon.
30. **Buehler, R.** 2013. *Making Urban Transport Sustainable: Comparison of Germany and the U.S.* Annual Isadore Candeub Memorial Lecture, Bloustein School, Rutgers University, New Brunswick, NJ.
31. **Buehler, R.** 2012. *Making Urban Transport Sustainable: Lessons for Canada*. Key note address, Environment Day Carleton University, Ottawa, Canada.
32. **Buehler, R.** 2012. *CO<sub>2</sub> Emissions from Daily Travel*. Seminar at the American Institute of Contemporary German Studies at Johns Hopkins University, Washington, D.C.
33. **Buehler, R.** 2012. *Sustainable Urban Transport in Germany*. Urban Transportation Pathways Conference. University of California at Berkeley. (Note: video conference).
34. **Buehler, R., Jung, W.** 2012. *Planning for Transportation and Land Use in Germany and the USA*. Sustainable Urban and Regional Transportation Systems: Financing and Planning workshop at the American Institute for Contemporary German Studies, Johns Hopkins University, Washington, D.C.
35. **Buehler, R., Pucher, J.** 2012. *Walking and Cycling for Health*. Planning Healthy Cities, Bloustein School 20 Year Conference, Rutgers University, New Brunswick, NJ.
36. **Buehler, R.** 2012. *Regional Planning for Land Use and Public Transportation*. Public Transportation Seminar at North Dakota State University (NDSU), Fargo, North Dakota (Note: via polycom).
37. **Buehler, R., Pucher, J.** 2011. *Sustainable Urban Transport in Germany*. Jean Monnet Research Workshop. Rutgers Center for European Studies. New Brunswick, NJ.
38. **Buehler, R.** 2011. *Active Travel, Physical Activity, and Public Health in Germany and the USA*. Lecture at Colloquium on Assessing Active Travel: Studies, Tools, and Figures on Bicycling and Walking from Both Sides of the Atlantic. Institute for Social and Preventive Medicine. University of Zurich.
39. **Buehler, R.** 2011. *Trends and Determinants of Cycling: The Role of Cycling Infrastructure*. Invited guest lecture for studio course at Department of Plant Science & Landscape Architecture, University of Maryland, College Park, MD.
40. **Buehler, R.** 2011. *Urban Transport in Germany: Lessons for the USA*. Invited guest lecture for graduate level course "Transatlantic Learning: Lessons from European Energy & Environmental Policy" at Johns Hopkins University, Washington, D.C.
41. **Buehler, R.** 2011. *Making Urban Transport Sustainable: Insights from Germany*. Invited talk for 2nd TEMPO Conference on Sustainable Transport: Policy Change for Sustainable Transport. CIENS Forum, Oslo Centre for Interdisciplinary Environmental and Social Research, January 31st – February 1st 2011, Oslo, Norway.
42. **Buehler, R.** 2010. *Cycling to Sustainability: Lessons from Europe and North America*. Invited talk at Catholic University, Washington, D.C.
43. **Buehler, R.** 2010. *Travel Behavior Transport Systems and Sustainability*. Invited talk at Geography Department, Macalester College, St. Paul, MN.

44. **Buehler, R.** 2010. *Transport Policies and Sustainable Transport in Germany*. Invited talk at Urban Affairs and Planning Speakers Series, University of Louisville, Louisville, KY.
45. **Buehler, R.** 2010. *Public Transportation that Works: Insights from Germany*. Invited talk at the Rutgers Climate Change Conference, New Brunswick, NJ.
46. **Buehler, R.** 2009. *Trends and Determinants of Travel Behavior: A Comparison of Germany and the USA*. Invited talk at George Washington University, Department of Geography Lecture Series.

Invited Presentations for Local, Regional, and National Governments (18)

1. **Buehler, R.** 2019. *Regional Coordination of Public Transport—Lessons from Germany, Switzerland, and Austria*. Invited presentation for public panel “Getting from A to B Intelligently,” Urbanism Lab, National Capital Commission, Ottawa, Canada.
2. **Buehler, R.** 2016. *Overview of TRB’s Committee on Bicycle Transportation and Current Research Needs*. Invited presentation at “Think Bike” Workshop hosted by Dutch Embassy and US and DC Departments of Transportation.
3. **Buehler, R.,** Pucher, J. 2015. *How to Promote Bicycling*. Presentation to Staff of the EU Directorate General, Brussels, Belgium.
4. **Buehler, R.** 2014. *Comparative Transportation Policy on an International Level*. Federal Transit Administration, US Department of Transportation, Washington, DC and broadcast to FTA locations nationwide.
5. **Buehler, R.** 2014. *Cycling and Bikesharing in the Washington, DC Region*. Economic Development Authority of the City of Falls Church, VA.
6. **Buehler, R.** 2013. *Best practices from Western Europe to promote walking, cycling, and public transport and to discourage/reduce car use*. Arlington County Commuter Services, Strategic Plan Meeting, Arlington, VA.
7. **Buehler, R.** 2013. *Making Cycling Irresistible: Lessons for Montgomery County*. Montgomery County Planning Commission Speaker’s Series, Silver Spring, MD.
8. **Buehler, R.** 2013. *Brief Introduction to Sustainable Transport in the Washington, DC Region*. Northern Virginia Regional Commission, Fairfax, VA.
9. **Buehler, R.** 2013. *Making Cycling Irresistible: Lessons for Alexandria, VA*. Alexandria Pedestrian and Bicycle Advisory Committee. Alexandria, VA.
10. **Buehler, R.,** Jung, W. 2012. *Planning for Sustainable Transport: Lessons from the Washington, DC and Stuttgart Regions*. Transatlantic Urban Climate Dialogue (TUCD), Stuttgart, Germany.
11. **Buehler, R.** 2012. *Bicycling as Sustainable Mode of Transport*. Greening Embassies Forum, Embassy of Canada, Washington, D.C.
12. **Buehler, R.** 2012. *Making Urban Transport Sustainable: Lessons for Ottawa*. Two presentations to the City of Ottawa and the National Capital Commission, Ottawa, Canada.
13. **Buehler, R.** 2012. *Sustainable Transport in Germany: Lessons and Applicability for the USA*. Invited Presentation at Administrative Office of U.S. Courts of Justice “Earth Day Event” Washington, D.C.
14. **Buehler, R.** 2012. *Coordinating Bicycling and Public Transport*. Invited Presentation at workshop on Bike Share in the United States: Lessons Learned and Emerging Best Practices, National Association of City Transportation Officials, Federal Transit Administration, Washington, D.C.
15. Pucher, J., **Buehler, R.** 2009. *Bike Transit Integration in Western Europe and North America*. Invited presentation at the San Francisco Municipal Transportation Agency, San Francisco, CA.
16. **Buehler, R.** 2009. *Sustainable Modes of Transportation: A Comparison of Germany and the USA*. Invited webinar for Federal Highway Administration. Office of Natural and Human Environment. Between 60 and 100 attendees nationwide from federal, state, and regional transportation planning organizations.
17. **Buehler, R.** 2009. *Making Transportation Sustainable: Insights from Germany*. Transatlantic Perspectives on Travel Behavior and Sustainable Urban Transportation reception; co-hosted by the German Embassy, the Brookings Institution, and the Transatlantic Climate Bridge. German Embassy, Washington, D.C.
18. **Buehler, R.** and Kunert, U. 2007. *Trends and Determinants of Travel Behavior in Germany and the USA*. Given for the German Federal Ministry of Transport, Bonn and Berlin (video-conference).

### Invited Presentations for Non-Governmental Organizations (29)

1. **Buehler, R.** 2020. *Cycling for Everyone*. Invited keynote address at Texas Trails and Active Transportation Conference (TTAT), online.
2. **Buehler, R.**, and W. Zhang. 2020. *E-Scooter Rider Travel Behavior and Attitudes*. Ford Motor Company.
3. **Buehler, R.** 2019. *How to make Urban Transport Sustainable?* TJSTAR, Student led Research Symposium, Thomas Jefferson High School for Science and Technology, Fairfax County, VA.
4. **Buehler, R.** 2019. *Multimodality and Millennials*. Panelist for Washington Autoshow, Young Professionals in Transportation, Washington, DC.
5. Schenk, T. and **R. Buehler**. 2019. *Sustainability and Sustainable Transport*. Essential Europe Symposium. Virginia Tech and Blacksburg Highschool, Blacksburg, VA (via video conference).
6. **Buehler, R.** 2018. *Walking and Cycling Safety*. Alexandria Families for Safer Streets (AFSS), Alexandria, VA.
7. **Buehler, R.** 2018. *Making Bicycling Irresistible*. TJSTAR, Student led Research Symposium, Thomas Jefferson High School for Science and Technology, Fairfax County, VA.
8. **Buehler, R.** 2018. *Street-Design fürs Fahrrad – Lernen vom Newcomer USA?* ADFC Bundesverband Fachtagung und parlamentarischer Fruehjahrsempfang (German National Bicycle Association).
9. **Buehler, R.** 2017. *Making Cycling Irresistible*. Bicycle Space. Washington, DC.
10. **Buehler, R.** 2017. *Reducing Car-Dependence: Lessons from Europe and North America*. University Of Westminster, London Cycling Campaign.
11. **Buehler, R.** 2016. *What is the Way Forward After SAFETRACK? Lessons from Europe*. Invited presentation by Arlington Committee of 100. Arlington, VA.
12. **Buehler, R.** 2015. *History of Sustainable Transport in the United States*. Invited presentation at “The Future of US Cities – Challenges and Opportunities Workshop,” Advantage Austria and the Representative of German Industry and Trade (RGIT), Washington, DC.
13. **Buehler, R.** 2014. *Walking and Cycling in Old Town: Lessons from the USA and Abroad*. Invited talk for Old Town Civic Association, Alexandria, VA
14. **Buehler, R.** 2014. *Cycling Here and Abroad*. Virginia Festival of the Book, Charlottesville, VA.
15. **Buehler, R.** 2013. *Cyclist Safety in Developing Countries*. Invited panelist at EMBARQ Dialogue on Sustainable Transport and Traffic Safety, World Resources Institute, Washington, DC.
16. **Buehler, R.** 2013. *Making Cycling Irresistible in Blacksburg*. Keynote address, 2<sup>nd</sup> Blacksburg Cycle Chic, Blacksburg, Virginia.
17. **Buehler, R.** 2012. *Making Cycling Irresistible: Lessons for Canada*. Keynote address, Annual General Meeting, Citizens for Safe Cycling, Ottawa, Canada.
18. **Buehler, R.** 2012. *Making Cycling Irresistible*. CyCity, Stockholm, Sweden.
19. **Buehler, R.** 2012. *Promoting Bicycling: Lessons for Virginia*. Bike Virginia, Richmond, Virginia. (note: webinar).
20. **Buehler, R.** 2012. *Sustainable Transportation: Lessons from Germany*. American Planning Association, Washington, D.C. (“Tuesdays at APA”).
21. **Buehler, R.** 2012. *Sustainable Transport*. Reston Association Sustainability Workshop, Reston, Virginia.
22. Buck, D. and **Buehler, R.** 2011. *Bikesharing, Bikeways, and Bicycling in the Washington, D.C. Region*. Invited presentation at the Washington Area Bicyclist Association’s Regional Call to Action Summit, Arlington, VA.
23. **Buehler, R.** 2010. *Road Safety and Age-Friendly Environments*. Invited talk at AARP Affordability and Safety of Livable Communities, Lessons from Around the World Conference, Washington, D.C.
24. **Buehler, R.** 2010. *Green Modes of Transport: Lessons from Germany*. Invited talk at Goethe-Institut & Heinrich-Boell Foundation Green Living Speaker Series: Smart Mobility for the 21<sup>st</sup> Century, Washington, D.C.
25. **Buehler, R.** 2009. *Policy Changes for Sustainable Urban Transport: Lessons from Europe*. Invited presentation at Bike Summit. Toronto Coalition for Active Transportation. Toronto, Canada.
26. **Buehler, R.** 2009. *Sustainable Transport: A Comparison of Public Transport in North America and Germany*. Invited talk at AMERICANA, International Environmental Sustainability Conference, Montreal, Canada.

27. **Buehler, R.** 2008. *Making Cycling Irresistible: Lessons from Europe*. Invited presentation at Bike Walk Twin Cities & Transit for Livable Communities (TLC), Minneapolis-St. Paul, MN.
28. **Buehler, R.** 2005. *Urban Transportation in Germany: The Cases of Munich and Berlin*. Invited talk at Transit for Livable Communities (TLC), St. Paul, MN.
29. Pucher, J., **Buehler, R.** 2004. *Promoting Safe Walking and Cycling to Improve Public Health: Lessons from Germany and the Netherlands*. Given for: City of Ottawa; City of Toronto; Community Bicycle Network, Toronto; and Transportation Alternatives, New York City.

### TEACHING

**Assistant & Associate Professor**, Virginia Tech, Urban Affairs and Planning

- Advisor for 65 capstone papers (39 chair, 26 member) and 12 final examinations
- *The Washington Semester* (short module on transport policy), June '12, '14, '16
- *Sustainable Europe*, summer course taught in Europe (co-taught with UVA), '11, '13, '14, '16-'19
- *International Comparative Urban Transportation* (1 credit class), '09
- *Transportation Systems Planning: Sustainable Transportation*, '09-'13, '16, '17, '19, '20
- *Transportation Policy and Planning*, '08-'12, '14-'16, '18, '20
- *Public Transportation*, '13
- *Advanced Research Methods*, '09
- *Quantitative Techniques in Planning*, '10-'12, '14-'16, '18
- *Urban Infrastructure*, spring '09
- *Arlington & Urban Regeneration* (1 credit class for German & U.S. students; with H. Mayer), '08
- *Studio courses* (e.g. bikesharing in Washington, D.C.), '11, '13, '16-'20
- *Directed study: Public Transportation in the United States*, '08, '10, '11

**Lecturer**, Rutgers University, Bloustein School of Planning and Public Policy, '05-'08

### ACADEMIC AND COMMUNITY SERVICE

**Virginia Tech**, School of Public and International Affairs

- Chair, Urban Affairs and Planning, (2019-)
- Promotion and Tenure Committee (member, 2014-2016)
- Faculty Search Committees (2009/2010, 2011/2012, 2014/2015 (co-chair))
- SPIA Search Committee Grant Administrator (2018)
- Web/Internet Committee MURP/PGG (2011/2012, 2018)
- Sponsored Research Committee (2012)
- Admissions Committees (2009-2011 (MURP), 2012-2019 (PhD))
- MURP Curriculum Committee (2009/2010)
- SPIA Politics and Planning Speaker Series (2010/2011)
- Strategic analyses for MURP (2012 & 2015)
- MURP Prospective Student Info Sessions (several, 2008-present)

#### **Transportation Research Board**

- ANF 20 Bicycling Committee: Member, 2006-2018; Co-Chair Paper Review Committee, 2009-2012; Committee Chair, 2012-2018
- TRB/ACSM conference "Moving Active Travel to Higher Ground," conference chair, 2014/2015
- National Cooperative Highway Research Program (NCHRP) Panel Member, Project 15-60, Update of AASHTO Bikeway Design Guide, 2014-2018
- Transit Cooperative Research Program (TCRP) Panel Member, Project J-07, Synthesis Topic SF-19, Methods for Dealing with Difficult Passengers, 2015-2016
- Transit Cooperative Research Program (TCRP) Panel Member, Project J-07, Synthesis Topic SA-30, Maintaining Transit Effectiveness under Major Financial Constraints, 2012-2014



**National Transit Curriculum**, Small Urban and Rural Transit Center & National Transit Institute; Participant in developing the module on “Planning,” 2011-2014

**FHWA (Federal Highway Administration)**, FHWA Guide for Selecting Bicycle Facilities, member of advisory committee, 2017-2018

**Reviewer**, AARP; American Journal of Preventive Medicine; American Journal of Public Health; Administration & Society; Applied Geography; Austrian Science Foundation; BMC Public Health; Czech Science Foundation; Cities; Environmental Science & Technology; FHWA/FTA 2015 TPEA Program, Geografiska Annaler Series B, Housing Policy Debate; Intelligent Transportation Systems; International Journal of Sustainable Transport; International Planning Studies; Journal of Physical Activity & Health; Journal of Planning Education and Research; Journal of the American Planning Association; Journal of Transportation and Land Use; Journal of Transportation Engineering; Journal of Urban Affairs; Land Use Policy; Local Environment; Mineta Transportation Institute; Moravian Geographical Reports; NCHRP; NSF; PacTrans; Preventive Medicine; Research in Transportation Economics; Review of Regional Studies; SAFER Conference, Social Science and Humanities Research Council of Canada; State and Local Government Review; Small Urban and Rural Transit Center; TCRP; Traffic Injury Prevention; Transactions on Intelligent Transportation Systems; Transportation Research Board; Transportation Research Parts A, D, & F; Transport Geography; Transport Policy; Transport Reviews; Transportation; Travel Behavior & Society; TRB; University of California Transportation Center; USDOT; Urban Planning; Volpe Center; World Conference of Transport Research Society.

#### **Conference Committees/Boards**

- Scientists for Cycling Colloquium, Member/Reviewer Scientific Steering Committee, 2017
- International Cycling Safety Conference, Member/Reviewer Scientific Committee, 2014, 2016-2020
- TRB/ACSM Conference: Moving Active Travel to Higher Ground: Committee Chair, 2015

#### **Editorial Board Member**

- International Journal of Sustainable Transport (2015-present); Transport Reviews (2015-present); Transportation Research Part D (2018-present); Journal of Transport and Land Use (2018-present); Transportation Research Record (2020-present)

#### **Book Review Editor**

- Transport Reviews (2016-present)

**TRB and ACSP Annual Meetings**, Moderator, discussant, and presiding officer at various conference breakout, poster, and lectern sessions (2005-present).

**Rutgers University**, Search committee for tenure track faculty, Bloustein School, 2004-2005.

#### **FUNDED RESEARCH**

- **Spin/Ford/Virginia Tech Transportation Institute**, Evaluation of e-scooter trial in Blacksburg, VA. My role: Co-PI for rider and non-rider surveys, 2019-2020.
- **Safety Through Disruption National Universality Transportation Center (SAFE-D)**, Street noise relationship to vulnerable road user safety. My role: Co-PI, 2017-2018.
- **Virginia Center for Transportation Innovation and Research (MATS)**, Planning for walking and cycling in an automated vehicle future. My role: PI, 2017-2018.
- **Virginia Center for Transportation Innovation and Research (MATS)**, Multi-city, national-scale direct-demand models of peak-period bicycle and pedestrian traffic. My role: Co-PI, 2016-2017.

- **European Commission & UN Habitat.** State of European Cities Report. Chapter on urban transport. My role: PI (joint), 2015-2016.
- **Virginia Center for Transportation Innovation and Research (MATS),** Designing a Bicycle and Pedestrian Traffic Count Program to Estimate Performance Measures on Streets and Sidewalks in Blacksburg, VA. My role: consultant, 2015-2016.
- **Transforming Urban Transport, Harvard University & Volvo Foundation,** Case Study Vienna, Austria, My role: PI, 2014-2015.
- **Mid-Atlantic University Transportation Center (MAUTC),** Regional Coordination in Public Transportation: Lessons for the United States. My role: PI, 2013-2015.
- **Mid-Atlantic University Transportation Center (MAUTC),** Bikesharing in Northern Virginia. My role: PI, 2013-2014.
- **Virginia Tech Institute for Society Culture and Environment,** support for proposal development for Integrating Planning for Sustainable Economic Development and Transport: Lessons from Cities in Transition in Western Europe and the United States. My role: CO-PI, 2012-2013 with M. Cowell.
- **Mid-Atlantic University Transportation Center (MAUTC),** Multimodal Travel Behavior in Virginia, the Mid-Atlantic Region, and the USA. My role: PI, 2012-2013.
- **Daimler Foundation,** Transportation Planning and Sustainability in North America and Germany: The Cases of Stuttgart and Northern Virginia. 2011-2012. My role: CO-PI for national level analysis and Northern Virginia.
- **INFAS Germany,** International Comparison of the Future of Electric Mobility in Europe, the Americas, and Asia. My role: CO-PI for USA, Analysis for all Countries. 2011.
- **Mid-Atlantic University Transportation Center (MAUTC),** Analysis of Determinants of Bicycle Use in the Washington Metropolitan Area. My role: PI, 2010-2011.
- **IFMO,** Analysis of trends in young people's mobility patterns in the United States, as part of an international research team studying trends in nine countries. My role: CO-PI for USA. 2010.
- **Alliance for Biking and Walking,** Benchmarking Cycling and Walking. My role: Research Consultant 2008-
- **Virginia Tech Institute for Society Culture and Environment,** Proposal Revision Support (with S. Hirt, J. Randolph, G. Reichard). My role: CO-PI for work on transport policy & planning in Germany. Summer 2010.
- **U.S. Department for Housing and Urban Development. Livable Communities Initiative.** "Affordable Housing near Transit." (with Casey Dawkins). My role: CO-PI on Virginia Tech part of the project.
- **University Transportation Research Center II, Rutgers University, Virginia Tech,** "Analysis of Bicycling Trends and Policies in Large American Cities." CO-PI, 2009-2010.
- **Thunderhead Alliance,** Research Consultant, 2006-2007.
- **German Institute of Economic Research (DIW) and Brookings Institution,** "Travel behavior in Germany and the U.S." CO-PI, 2006-2008.
- **Alan M. Voorhees Transportation Center, Rutgers University,** Research Assistant, 2003-2006.

### **PROFESSIONAL AFFILIATIONS**

Transportation Research Board (TRB); American Planning Association (APA); German Transport Science Association (DVWG); Network on European Communications and Transport Activities Network (NECTAR); Mineta Transportation Institute (MTI); University Transportation Research Center (UTRC).

### **AWARDS AND HONORS**

#### **Virginia Tech**

- Virginia Tech National Distinction Award, 2016, 2017, 2019

- College of Architecture and Urban Studies Certificate for Excellence in Scholarship, 2012
- Professional Development Institute, participant, 2011

**Transportation Research Board of the National Academies**

- Certificate of Appreciation for service as Chair of the Committee on Bicycle Transportation, 2018
- Award for the Best Paper on a topic addressing Climate Change issues at 93<sup>rd</sup> Transportation Research Board Annual Meeting, Washington, D.C. 2014 (**Buehler, R.** 2014. *Daily Travel and CO2 Emissions from Passenger Transport: Comparison of Germany and the United States.*)

**Association of Collegiate Schools of Planning (ACSP)**

- Junior Faculty Mentoring Program, 2009-2014
- Barclay Gibbs Jones Award for Best Dissertation in Planning, 2008
- Journal of Planning Education and Research (JPER) Writing Workshop, Participant, 2008
- Student Conference Travel Award, 2008

**American Institute for Contemporary German Studies (AICGS)/DAAD**

- Visiting Fellow, Summer 2012

**Transportation Research Part-D**

- Certificate of recognition for excellent service and peer-reviews, 2019

**Bloustein School of Planning and Public Policy, Rutgers University**

- Susan S. Fainstein Distinguished Doctoral Scholarship Award, 2008
- Rose Teaching Excellence Award, 2006-2007

**Federal Transit Administration, Transport Coordinating Council Fellowship, 2007-2008**

**Federal Highway Administration Eisenhower Transportation Fellowship, 2006-2007**

**ENO Foundation Leadership Development Conference, Fellow 2005, Conference Faculty 2009/2010**

**University of Constance, Ranked 2<sup>nd</sup> in Masters Graduating Class of 82 students, 2003**

**German Academic Exchange Service (DAAD), Fellowship & Tuition, 2001-2002; Stipend, 1999-2000**