

## Daniel A. Rodríguez, Ph.D.

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University of California, Berkeley  
Berkeley, CA 94720

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### EDUCATION

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| 2000 | PhD University of Michigan at Ann Arbor   |
| 1996 | MST Massachusetts Institute of Technology |
| 1994 | BS, Summa Cum Laude, Fordham University   |

### ACADEMIC AFFILIATIONS

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|----------------|---|
| 2022 - present | Director, Institute for Transportation Studies, University of California, Berkeley  |
| 2016 - present | Chancellor's Professor, Department of City and Regional Planning, University of California, Berkeley  |
| 2008 - present | Faculty Fellow, Latin American Program, Lincoln Institute for Land Policy   |
| 2021 - 2022    | Co-Chair, Department of City and Regional Planning, University of California, Berkeley  |
| 2017 - 2021    | Associate Director, Institute for Transportation Studies, University of California, Berkeley  |
| 2014 - 2106    | Distinguished Professor of Sustainable Community Design, Department of City and Regional Planning, University of North Carolina at Chapel Hill (UNC-CH) |
| 2014 - 2016    | Adjunct Professor, Department of Epidemiology, UNC-CH   |
| 2014 - 2016    | Director, Center for Sustainable Community Design, Institute for the Environment, UNC-CH  |
| 2000 - 2016    | Faculty Fellow, Center for Urban and Regional Studies, UNC-CH   |
| 2002 - 2016    | Faculty Fellow, Highway Safety Research Center, UNC-CH  |
| 2013 - 2014    | Professor, Department of City and Regional Planning, UNC-CH   |
| 2007 - 2012    | Associate Professor, Department of City and Regional Planning, UNC-CH   |
| 2010 - 2012    | Adjunct Associate Professor, Department of Epidemiology, UNC-CH   |
| 2000 - 2005    | Faculty Fellow, Institute for Civil Infrastructure Systems, NYU   |
| 2001 - 2006    | Assistant Professor, Department of City and Regional Planning, UNC-CH   |
| 1996 - 2000    | Research Assistant, Urban and Regional Planning Program, University of Michigan, Ann Arbor  |
| 1995 - 1996    | Research Assistant, Dept. of Civil Engineering, MIT   |
| 1995           | Teaching Assistant, Dept. of Civil Engineering, MIT   |

### PROFESSIONAL

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| 2005 – 2016 | Principal, RSO International –Transportation planning consulting firm  |
| 2006 - 2015 | Consultant, The Inter-American Development Bank, Infrastructure Sector; CAF (Andean Development Bank); Clean Air Institute |

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| 1997 | Research Assistant, The World Bank, Latin American & Caribbean Group |
| 1995 | Multisystems Inc., Cambridge, MA –Transit consulting firm (summer)   |

#### **ADMINISTRATIVE EXPERIENCE**

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|-----------------------------|---|
| 2017-present                | Associate Director, UC Berkeley's Institute for Transportation Studies                        |
| 2014 - 2016                 | Director, Center for Sustainable Community Design, Institute for the Environment, UNC-CH      |
| 2007 - 2014                 | Director, Carolina Transportation Program, UNC-CH   |
| 2009                        | Interim Director, Center for Urban and Regional Studies, UNC-CH                               |
| 2006 - 2008,<br>2012 - 2016 | Director of Graduate Studies and Vice-Chair, Department of City and Regional Planning, UNC-CH |
| 2010 - 2011                 | Director of Admissions, Department of City and Regional Planning, UNC-CH                      |

#### **HONORS**

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| 2017-present | Top 25 Urban Planning Faculty in US and Canada Ranked by Google Scholar Citations; top 10 by H-index ( <a href="http://tomwsanchez.com">http://tomwsanchez.com</a> )   |
| 2018         | Fulbright Specialist, to support Universidad del Rosario, Department of Political Science, Government, and International Relations, Bogotá, Colombia.  |
| 2015         | Best paper of the year, awarded by <i>Risk Analysis</i> .  |
| 2013         | Excellence in Safety Research Poster Award, given by Active Living Research and the Robert Wood Johnson Foundation, in conjunction with the CDC National Center for Injury Prevention and Control (with Bushell, M., Poole, B., and Zeeger, C.), San Diego, CA |
| 2000         | Transportation Research Board's Fred Burggraf Award recognizing excellence in transportation research by researchers 35 years of age or younger  |
| 1996-1998    | Sloan Foundation Fellowship for Industry Studies   |
| 1998         | University of Michigan Martin Luther King Spirit Award for fostering on-campus interdisciplinary research  |
| 1997         | Eno Transportation Foundation Leadership Fellowship  |
| 1996         | Finalist, Council of University Transportation Center's Award for Best Master's in Transportation Thesis in the United States  |
| 1994         | Beta Gamma Sigma Scholarship   |
| 1994         | Senior Gold Medal, Fordham University  |
| 1994         | Alpha Sigma NU -Jesuit Academic Honor Society  |
| 1994         | Beta Gamma Sigma -Business Academic Honor Society  |

#### **BOOKS**

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Berke, P., Godschalk, D., Kaiser E. with Rodríguez, D. A. (2006). *Urban land use planning*, 5<sup>th</sup> Edition. Urbana-Champaign, IL: University of Illinois Press.

## BOOK CHAPTERS

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Pardo, Carlosfelipe; Rodriguez, Daniel A.; Quiñones, L. M. (2021). Cycling in Latin America, Chapter 18 in Buehler, R. and Pucher, J., eds. *Cycling for Sustainable Cities*, MIT Press, Cambridge, MA.

Rodriguez, D. A., Vergel-Tovar, C.E., y Gakenheimer, R. (2020). Planificación para el desarrollo urbano orientado hacia sistemas tipo BRT: lecciones y perspectivas desde Colombia. In O. Figueroa, Valenzuela, L.M., Brasileiro, A. (Ed.), *Desafíos del desarrollo urbano sostenible en el transporte y la movilidad*. Zinacantepec: El Colegio Mexiquense.

Diez-Roux, A., Lein, A. Dronova, Y. Henson, R. H. Rodríguez, D.A., Sarmiento, O.L. (2020). Urban places and planetary health, Ch 13 in *Planetary Health*, Myers and Frumkin Eds, Island Press. Named one of the 25 best health promotion books of all time by the *American Journal of Health Promotion*.

Rodriguez, D. A., Shay, E., & Winn, P. (2013). Comparative review of portable global positioning system units. In Hseuh Y. (Ed.), *Global Positioning Systems: Signal Structure, Applications and Sources of Error and Biases* (pp. 1-15). New York, Nova Science Publishers.

Rodríguez, D. A., Rocha, M., & Belzer, M. (2004). The effects of trucking firm financial performance on driver safety. In J. H. Peoples & W. K. Talley (Eds.), *Transportation and Labor Issues and Regulatory Reform. Research in Transportation Economic Series* (pp. 35-55). Rotterdam, The Netherlands: Elsevier Science Publishers.

Rodríguez, D. A. (2000). Planeación de transporte y uso de suelo: Automovilidad o accesibilidad? In R. Montezuma (Ed.), *Presente y Futuro de la Movilidad Urbana en Bogotá: Retos y Realidades* (pp. 161-171). Bogotá, Colombia: Veeduría Distrital de Santafé de Bogotá.

Rodríguez, D. A. (1998). The admissions committee. In B. Schrag (Ed.), *Research Ethics: Cases and Commentaries*, Vol. 3 (pp. 125-126). Bloomington, IN: Association of Practical and Professional Ethics.

## DISSERTATION

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Rodríguez D. A. (2000). *Excess commuting, travel demand management, and the transportation-land use connection*. Urban and Regional Planning Program, Alfred A. Taubman School of Architecture and Urban Planning, University of Michigan, Ann Arbor. 183 pages.

## REFEREED ARTICLES

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1. Avila-Palencia, I., Sarmiento, O.L., Gouveia, N. Jáuregui, A., Mascolli, M.A., Slovic, A.D., Rodriguez, D.A. (2023). Bicycle use in Latin American cities: Changes over time by socio-economic position, *Frontiers in Sustainable Cities*, 5, doi: 10.3389/frsc.2023.1055351
2. Bakhtsiyarava, M., Schinasi, L. H., Sánchez, B. N., Dronova, I., Kephart, J. L., Ju, Y., . . . Rodríguez, D. A. (2023). Modification of temperature-related human mortality by area-level socioeconomic and demographic characteristics in Latin American cities. *Social Science & Medicine*, 317, 115526. doi:https://doi.org/10.1016/j.socscimed.2022.115526
3. Delclòs-Alió, X., Kanai, C., Soriano, L., Quistberg, D. A., Ju, Y., Dronova, I., . . . Rodríguez, D. A. (2023). Cars in Latin America: An exploration of the urban landscape and street network correlates of motorization in 300 cities. *Travel Behaviour and Society*, 30, 192-201. doi:https://doi.org/10.1016/j.tbs.2022.09.005

4. Anza-Ramirez, C., Lazo, M., Zafra-Tanaka, J.H., Avila-Palencia, I., Bilal, U., Hernández-Vásquez, A. Knoll, C., Lopez-Olmedo, N., Mazariegos, M., Moore, K., Rodriguez, D.A., Sarmiento O.L., Stern, D., Tumas, N., Miranda, J. (2022). The urban built environment and adult BMI, obesity, and diabetes in Latin American cities, *Nature Communications*, 13, 7977.
5. Avila-Palencia, I., Sánchez, B., Rodriguez, D.A., Pérez-Ferrer C., Miranda, J., Gouveia, N., Bilal, U., Useche, A.F., Wilches-Mogollón, M.A., Moore, K., Sarmiento, O.L., (2022). Health and Environmental Co-Benefits of City Urban Form in Latin America: An Ecological Study, *Sustainability*, 14(22). doi: 10.3390/su142214715.
6. Anza-Ramirez, C., Lazo, M., Zafra-Tanaka, J. H., Avila-Palencia, I., Bilal, U., Hernández-Vásquez, A., . . . Miranda, J. J. (2022). The urban built environment and adult BMI, obesity, and diabetes in Latin American cities. *Nature Communications*, 13(1), 7977. doi:10.1038/s41467-022-35648-w
7. Delclòs-Alió, X., Rodríguez, D. A., Olmedo, N. L., Ferrer, C. P., Moore, K., Stern, D., . . . Sarmiento, O. L. (2022). Is city-level travel time by car associated with individual obesity or diabetes in Latin American cities? Evidence from 178 cities in the SALURBAL project. *Cities*, 131, 103899. doi:https://doi.org/10.1016/j.cities.2022.103899
8. Guimarães, J. M. N., Acharya, B., Moore, K., López-Olmedo, N., de Menezes, M. C., Stern, D., . . . de Oliveira Cardoso, L. (2022). City-Level Travel Time and Individual Dietary Consumption in Latin American Cities: Results from the SALURBAL Study. *International Journal of Environmental Research and Public Health*, 19(20). Retrieved from doi:10.3390/ijerph192013443
9. Kephart, J. L., Sánchez, B. N., Moore, J., Schinasi, L. H., Bakhtsiyarava, M., Ju, Y., . . . Rodríguez, D. A. (2022). City-level impact of extreme temperatures and mortality in Latin America. *Nature Medicine*, 28(8), 1700-1705. doi:10.1038/s41591-022-01872-6
10. Li, J., Peterson, A., Auchincloss, A. H., Hirsch, J. A., Rodriguez, D. A., Melly, S. J., . . . Sánchez, B. N. (2022). Comparing effects of Euclidean buffers and network buffers on associations between built environment and transport walking: the Multi-Ethnic Study of Atherosclerosis. *International Journal of Health Geographics*, 21(1), 12. doi:10.1186/s12942-022-00310-7
11. Li, M., Sheng, H., Irvin, J., Chung, H., Ying, A., Sun, T., . . . Rodriguez, D. A. (2022). Marked crosswalks in US transit-oriented station areas, 2007–2020: A computer vision approach using street view imagery. *Environment and Planning B: Urban Analytics and City Science*, 50(2) doi:10.1177/23998083221112157
12. Vergel-Tovar, C. E., & Rodriguez, D. A. (2022). Bus rapid transit impacts on land uses and development over time in Bogotá and Quito. *Journal of Transport and Land Use*, 15(1), 425-462. doi:10.5198/jtlu.2022.1888
13. Quistberg, D. A., Hessel, P., Rodriguez, D. A., Sarmiento, O. L., Bilal, U., Caiaffa, W. T., . . . Roux, A. V. D. (2022). Urban landscape and street-design factors associated with road-traffic mortality in Latin America between 2010 and 2016 (SALURBAL): an ecological study. *Lancet Planetary Health*, 6(2), E122-E131.
14. Moran, M. R., Rodríguez, D. A., Cortinez-O'ryan, A., & Jaime Miranda, J. (2022). Is self-reported park proximity associated with perceived social disorder? Findings from eleven cities in Latin America. *Landscape and Urban Planning*, 219, doi:10.1016/j.landurbplan.2021.104320

15. Berrigan, D., Dannenberg, A. L., Lee, M., Rodgers, K., Wojcik, J. R., Wali, B., . . . Rodriguez, D. A. (2021). The 2019 Conference on Health and Active Transportation: Research Needs and Opportunities. *International Journal of Environmental Research and Public Health*, 18(22), 11842. doi:10.3390/ijerph182211842
16. Bilal, U., de Castro, C. P., Alfaro, T., Barrientos-Gutierrez, T., Barreto, M. L., Leveau, C. M., . . . Diez Roux, A. V. (2021). Scaling of mortality in 742 metropolitan areas of the Americas. *Science Advances*, 7(50), eabl6325-eabl6325. doi:10.1126/sciadv.abl6325
17. Moran, M. R., Bilal, U., Dronova, I., Ju, Y., Gouveia, N., Caiaffa, W. T., . . . Rodríguez, D. A. (2021). The equigenic effect of greenness on the association between education with life expectancy and mortality in 28 large Latin American cities. *Health & Place*, 72, 102703-102703. doi:10.1016/j.healthplace.2021.102703
18. Sarmiento, O. L., Useche, A. F., Rodriguez, D. A., Dronova, I., Guaje, O., Montes, F., . . . Roux, A. V. D. (2021). Built environment profiles for Latin American urban settings: The SALURBAL study. *PLOS ONE*, 16(10). doi:10.1371/journal.pone.0257528
19. Besser, L. M., Chang, L.-C., Hirsch, J. A., Rodriguez, D. A., Renne, J., Rapp, S. R., . . . Hughes, T. M. (2021). Longitudinal Associations between the Neighborhood Built Environment and Cognition in US Older Adults: The Multi-Ethnic Study of Atherosclerosis. *International Journal of Environmental Research and Public Health*, 18(15). doi:10.3390/ijerph18157973
20. Cunha, M. d. C. M., Ju, Y., Morais, M. H. F., Dronova, I., Ribeiro, S. P., Bruhn, F. R. P., . . . Caiaffa, W. T. (2021). Disentangling associations between vegetation greenness and dengue in a Latin American city: Findings and challenges. *Landscape and Urban Planning*, 216, 104255. doi:https://doi.org/10.1016/j.landurbplan.2021.104255
21. Delclòs-Alió, X., Rodríguez, D. A., Medina, C., Miranda, J. J., Avila-Palencia, I., Targa, F., . . . Quistberg, D. A. (2021). Walking for transportation in large Latin American cities: walking-only trips and total walking events and their sociodemographic correlates. *Transport Reviews*, 1-22. doi:10.1080/01441647.2021.1966552
22. Kephart, J. L., Delclòs-Alió, X., Rodríguez, D. A., Sarmiento, O. L., Barrientos-Gutiérrez, T., Ramirez-Zea, M., . . . Diez Roux, A. V. (2021). The effect of population mobility on COVID-19 incidence in 314 Latin American cities: a longitudinal ecological study with mobile phone location data. *The Lancet Digital Health*. doi:https://doi.org/10.1016/S2589-7500(21)00174-6
23. Mullachery, P. H., Rodriguez, D. A., Miranda, J. J., López-Olmedo, N., Martinez-Folgar, K., Barreto, M. L., . . . Bilal, U. (2021). Mortality amenable to healthcare in Latin American cities: a cross-sectional study examining between-country variation in amenable mortality and the role of urban metrics. *International Journal of Epidemiology*. doi:10.1093/ije/dyab137
24. Parker, M. E. G., Li, M., Bouzaghrane, M. A., Obeid, H., Hayes, D., Frick, K. T., . . . Chatman, D. G. (2021). Public transit use in the United States in the era of COVID-19: Transit riders' travel behavior in the COVID-19 impact and recovery period. *Transport Policy*, 111, 53-62. doi:https://doi.org/10.1016/j.tranpol.2021.07.005

25. Bilal, U., Hessel, P., Perez-Ferrer, C., Michael, Y. L., Alfaro, T., Tenorio-Mucha, J., . . . the, S. g. (2021). Life expectancy and mortality in 363 cities of Latin America. *Nature Medicine*, 27(3), 463-+. doi:10.1038/s41591-020-01214-4
26. Dannenberg, A. L., Rodriguez, D. A., & Sandt, L. S. (2021). Advancing research in transportation and public health: A selection of twenty project ideas from a U.S. research roadmap. *Journal of Transport & Health*, 21, 101021. doi:https://doi.org/10.1016/j.jth.2021.101021
27. Gouveia, N., Kephart, J. L., Dronova, I., McClure, L., Granados, J. T., Morales Betancourt, R., . . . Diez-Roux, A. V. (2021). Ambient fine particulate matter in Latin American cities: Levels, population exposure, and associated urban factors. *Science of the Total Environment*, 772. doi:10.1016/j.scitotenv.2021.145035
28. Peng, K., Rodriguez, D. A., Hirsch, J. A., & Gordon-Larsen, P. (2021). A method for estimating neighborhood characterization in studies of the association with availability of sit-down restaurants and supermarkets. *International Journal of Health Geographics*, 20(1). doi:10.1186/s12942-020-00257-7
29. Wang, X., Rodriguez, D. A., & Mahendra, A. (2021). Support for market-based and command-and-control congestion relief policies in Latin American cities: Effects of mobility, environmental health, and city-level factors. *Transportation Research Part A-Policy and Practice*, 146, 91-108. doi:10.1016/j.tra.2020.12.004
30. Carvajal, G. A., Sarmiento, O. L., Medaglia, A. L., Cabrales, S., Rodriguez, D. A., Quistberg, D. A., & Lopez, S. (2020). Bicycle safety in Bogota: A seven-year analysis of bicyclists' collisions and fatalities. *Accident Analysis and Prevention*, 144. doi:10.1016/j.aap.2020.105596
31. Diez Roux, A. V., Barrientos-Gutierrez, T., Caiaffa, W. T., Miranda, J. J., Rodriguez, D., Sarmiento, O. L., . . . Vergara, A. V. (2020). Urban health and health equity in Latin American cities: what COVID-19 is teaching us. *Cities & Health*, 1-5. doi:10.1080/23748834.2020.1809788
32. Fry, D., Mooney, S. J., Rodriguez, D. A., Caiaffa, W. T., & Lovasi, G. S. (2020). Assessing Google Street View Image Availability in Latin American Cities. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 97(4), 552-560. doi:10.1007/s11524-019-00408-7
33. Li, J., Auchincloss, A. H., Rodriguez, D. A., Moore, K. A., Roux, A. V. D., & Sanchez, B. N. (2020). Determinants of Residential Preferences Related to Built and Social Environments and Concordance between Neighborhood Characteristics and Preferences. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 97(1), 62-77. doi:10.1007/s11524-019-00397-7
34. Li, J., Auchincloss, A. H., Yang, Y., Rodriguez, D. A., & Sanchez, B. N. (2020). Neighborhood characteristics and transport walking: Exploring multiple pathways of influence using a structural equation modeling approach. *Journal of Transport Geography*, 85. doi:10.1016/j.jtrangeo.2020.102703
35. Peng, K., Rodriguez, D. A., Peterson, M., Braun, L. M., Howard, A. G., Lewis, C. E., . . . Gordon-Larsen, P. (2020). GIS-Based Home Neighborhood Food Outlet Counts, Street Connectivity, and Frequency of Use of Neighborhood Restaurants and Food Stores. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 97(2), 213-225. doi:10.1007/s11524-019-00412-x

36. Rodriguez, D. A., & Kang, C. D. (2020). A typology of the built environment around rail stops in the global transit-oriented city of Seoul, Korea. *Cities*, 100. doi:10.1016/j.cities.2020.102663
37. Sandt, L. S., Proescholdbell, S. K., Evenson, K. R., Robinson, W. R., Rodriguez, D. A., Harmon, K. J., & Marshall, S. W. (2020). Comparative Analysis of Pedestrian Injuries using Police, Emergency Department, and Death Certificate Data Sources in North Carolina, US, 2007-2012. *Transportation Research Record*, 2674(9), 687-700. doi:10.1177/0361198120931504
38. Sarmiento, O. L., Higuera-Mendieta, D., Wilches-Mogollon, M. A., Guzman, L. A., Rodriguez, D. A., Morales, R., . . . Diez Roux, A. V. (2020). Urban Transformations and Health: Methods for TrUST-a Natural Experiment Evaluating the Impacts of a Mass Transit Cable Car in Bogota, Colombia. *Frontiers in public health*, 8. doi:10.3389/fpubh.2020.00064
39. Stankov, I., Garcia, L. M. T., Masculli, M. A., Montes, F., Meisel, J. D., Gouveia, N., . . . Roux, A. V. D. (2020). A systematic review of empirical and simulation studies evaluating the health impact of transportation interventions. *Environmental Research*, 186. doi:10.1016/j.envres.2020.109519
40. Vaz, C., Andrade, A. C., Silva, U., Rodriguez, D., Wang, X., Moore, K., . . . Caiaffa, W. T. (2020). Physical Disorders and Poor Self-Rated Health in Adults Living in Four Latin American Cities: A Multilevel Approach. *International Journal of Environmental Research and Public Health*, 17(23). doi:10.3390/ijerph17238956
41. Besser, L., Galvin, J. E., Rodriguez, D., Seeman, T., Kukull, W., Rapp, S. R., & Smith, J. (2019). Associations between neighborhood built environment and cognition vary by apolipoprotein E genotype: Multi-Ethnic Study of Atherosclerosis. *Health & Place*, 60. doi:10.1016/j.healthplace.2019.102188
42. Bilal, U., Alazraqui, M., Caiaffa, W. T., Lopez-Olmedo, N., Martinez-Folgar, K., Miranda, J. J., . . . Diez-Roux, A. V. (2019). Inequalities in life expectancy in six large Latin American cities from the SALURBAL study: an ecological analysis. *Lancet Planetary Health*, 3(12), E503-E510. doi:10.1016/s2542-5196(19)30235-9
43. Braun, L. M., Rodriguez, D. A., & Gordon-Larsen, P. (2019). Social (in)equity in access to cycling infrastructure: Cross-sectional associations between bike lanes and area-level sociodemographic characteristics in 22 large US cities. *Journal of Transport Geography*, 80. doi:10.1016/j.jtrangeo.2019.102544
44. Diez-Roux, A. V., Slesinski, S. C., Alazraqui, M., Caiaffa, W. T., Frenz, P., Jordan Fuchs, R., . . . Vives Vergara, A. (2019). A Novel International Partnership for Actionable Evidence on Urban Health in Latin America: LAC-Urban Health and SALURBAL. *Global Challenges*, 3(4). doi:10.1002/gch2.201800013
45. McCulley, E. M., Mullachery, P., Rodriguez, D., Roux, A. V. D., & Bilal, U. (2019). Urban scaling of health outcomes: a protocol for a scoping review. *BMJ open*, 9(11). doi:10.1136/bmjopen-2019-031176
46. Porter, A. K., Rodriguez, D. A., Frizzelle, B. G., & Evenson, K. R. (2019). The Association between Neighborhood Environments and Physical Activity from Pregnancy to Postpartum: a Prospective Cohort Study. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 96(5), 703-719. doi:10.1007/s11524-019-00376-y

47. Quistberg, D. A., Roux, A. V. D., Bilal, U., Moore, K., Ortigoza, A., Rodriguez, D. A., . . . Grp, S. (2019). Building a Data Platform for Cross-Country Urban Health Studies: the SALURBAL Study. *Journal of Urban Health-Bulletin of the New York Academy of Medicine*, 96(2), 311-337. doi:10.1007/s11524-018-00326-0
48. Wang, X., Rodriguez, D. A., Sarmiento, O. L., & Guaje, O. (2019). Commute patterns and depression: Evidence from eleven Latin American cities. *Journal of Transport & Health*, 14. doi:10.1016/j.jth.2019.100607
49. Erik Vergel-Tovar, C., & Rodriguez, D. A. (2018). The ridership performance of the built environment for BRT systems: Evidence from Latin America. *Journal of Transport Geography*, 73, 172-184. doi:10.1016/j.jtrangeo.2018.06.018
50. Moran, M. R., Rodriguez, D. A., & Corburn, J. (2018). Examining the role of trip destination and neighborhood attributes in shaping environmental influences on children's route choice. *Transportation Research Part D-Transport and Environment*, 65, 63-81. doi:10.1016/j.trd.2018.08.001
51. Evenson, K.R., Cho, G., Rodriguez, D.A., Cohen, D.A. (2018). Park use and physical activity among adolescent girls at two time points. *Journal of Sports Science*, 1-7, doi: 10.1080/02640414.2018.1469225
52. Besser, L.M., Rodriguez, D.A, McDonald, N., Kukull, W.A., Fitzpatrick, A.L., Rapp, S.R., Seeman, T. (2018). Neighborhood built environment and cognition in non-demented older adults: The Multi-Ethnic Study of Atherosclerosis. *Social Science and Medicine*, 200, 27-35.
53. Yang, Y., Xu, Y., Rodriguez, D.A., Michael, Y., Zhang, H. (2018). Active travel, public transportation use, and daily transport among older adults: The association of built environment. *Journal of Transport and Health*, 9, 288-298.
54. Porter, A.K., Wen, F., Herring, A.H., Rodriguez, D.A., Messer, L.C., Laraia, B.A., Evenson, K.R. (2018). Reliability and One-Year Stability of the PIN3 Neighborhood Environmental Audit in Urban and Rural Neighborhoods. *Journal of Urban Health*, 95, 3, 431-439.
55. The SALURBAL Project. (2018). A Novel International Partnership for Actionable Evidence on Urban Health in Latin America: LAC-Urban Health Network and SALURBAL. *Global Challenges*, 1-11, doi: 10.1002/gch2.201800013
56. Rodriguez, D. A., & Vergel-Tovar, E. (2017). Urban development around bus rapid transit stops in seven cities in Latin-America. *Journal of Urbanism: International Research on Placemaking and Urban Sustainability*, 11, 2, 175-201.
57. Harvey, C., & Rodriguez, D. A. (2017). What makes an active public realm? Opportunities and challenges for research. *Preventive Medicine*, 103, S5-S6.
58. Besser, L. M., McDonald, N. C., Song, Y., Kukull, W. A., & Rodriguez, D. A. (2017). Neighborhood environment and cognition in older adults: a systematic review. *American Journal of Preventive Medicine*, 53, 2, 241-251.



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60. Holliday, K. M., Howard, A. G., Emch, M., Rodríguez, D. A., Rosamond, W. D., & Evenson, K. R. (2017). Deriving a GPS monitoring time recommendation for physical activity studies of adults. *Medicine and Science in Sports and Exercise*, 49, 5, 939-947.
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#### **INVITED AND KEYNOTE PRESENTATIONS**

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1. "The Making and Re-making of Cities for Health" American College of Trial Lawyers Bi-Annual Meeting, February 26, 2022.
2. "Lessons from Latin America: An Advance Symposium for the California Bicycle Summit" California Bicycle Coalition, December 7, 2021.
3. "Transportation Systems for Cities of the Future" International Conference on Urban Health, July 6, 2021.
4. "Las nuevas realidades de la movilidad y el transporte urbano --Reflexiones para la post-pandemia" Virtual roundtable, El Colegio Mexiquense, August 12, 2020
5. "Public transport in a time of COVID" webinar organized by the World Resources Institute, June 23, 2020
6. "Commute patterns and mental health: evidence from eleven Latin American cities" National Institutes of Health, Cancer Prevention Fellowship Program Colloquia, September 24, 2019.
7. "Ambient PM2.5 in Latin American cities: levels, trends, associated urban factors, and equity", Planetary Health Conference, Stanford University, Palo Alto, September 5, 2019.
8. "Urbanization and public health in Latin America" UC Berkeley Center for Latin American Studies, Berkeley, October 10, 2018.
9. "La importancia de la salud para las políticas de transporte" Universidad Católica de Chile, Santiago, Chile, September 11, 2018.
10. "Patrones de viaje y salud mental en 11 ciudades de América Latina" Universidad Diego Portales, Santiago, Chile, September 10, 2018
11. "Cycling Benefits for All" Cycling to Health Mini Medical School, UCSF, February 27, 2018.
12. "Role of transportation and land use in obesity," Advancing Obesity Solutions through Investments in the Built Environment Workshop, National Academies of Sciences, Engineering, and Medicine, September 2017.
13. "10 mitos sobre el transporte público en América Latina," Keynote address, XII Congreso Colombiano de Ingeniería de Tránsito y Transporte, Bogota, Colombia, July 2017.

14. "Planning curricula for the 21st century: The case of UC Berkeley," Deans Council at 11th Annual International Association for China Planning (IACP) conference, Harbin, China, June 2017.
15. "Making cities healthier, more equitable and environmentally sustainable: Lessons from Latin America," Workshop on Urban Resiliency and Sustainability, Northeastern University, China, June 2017.
16. "Examining geography and place in activity and health --Opportunities for the use of global positioning systems," American Heart Association/American Stroke Association Epi Lifestyle Conference, Portland, OR, March 2017.
17. "Opportunities for considering health in urban transportation policy making in Latin America," Transportation Research Board Meeting Workshop on Transportation and Health, January 2017.
18. "Motorcycles in Latin America" Transportation Research Board Meeting Committee on International Activities, January 2016.
19. "Location, transportation technology, and the environment," 39th Annual Real Estate & Economics Symposium, San Francisco, CA, November 2016.
20. "BRT oriented development in the Americas: Lessons from seven cities" Webinar organized by the VREF BRT Center, Santiago, Chile, December 2015.
21. "A view from urban planning," Urban planning and public health: where have we been and where are we going, Drexel University, September 2015.
22. "Motorcycle taxis and mass transit in Latin America Friends or foes?" VREF symposium on BRT and private transit: integration in domestic and international contexts, Berkeley, CA, October 2015.
23. "The path taken: built environment and walking route choices" UC Berkeley, College of Environmental Design, February 2015.
24. "Desarrollo urbano orientado a transporte masivos: oportunidades y desafíos," Invited speaker, Instituto de Desarrollo Urbano, Bogotá, Colombia, June 2015.
25. "BRT oriented development in Latin America: Lessons and challenges," Invited speaker, Universidad de Costa Rica, May 2015.
26. "Introduction to ALR 2015 conference," Invited conference program chair, Active Living Research, University of California, San Diego, February 2015.
27. "The path taken: built environment and walking route choices," Invited speaker, Department of City and Regional Planning, University of California, Berkeley, February 2015.
28. "Sustainable cities of the future," Invited speaker, UNC Friday Center 'What is the Big Idea?' Professional Development and Enrichment Programs, Chapel Hill, October 2014.

29. "BRT oriented development in Latin America: Lessons and challenges," Invited speaker, University of North Carolina-Charlotte, Charlotte, NC, April 2014.
30. "Transportation & the built environment: Promoting healthy communities," Invited keynote speaker, Sustainable Hamilton County Conference, Cincinnati, OH, November, 2013.
31. "Desarrollo urbano orientado a buses rápidos," BRT Systems in Latin America Conference, Invited keynote speaker, San Salvador, El Salvador, November 2013.
32. "Increasing bicycling in NC: Why, how, and for whom," Invited keynote speaker. NC Bicycle Summit, October 2013.
33. "Ciudades inteligentes, ciudades sostenibles?" Invited keynote presentation, Smart City Conference, Bogotá, Colombia, October 2013.
34. "The changing gap between planning and health," Invited keynote presentation, Planning and Public Health: Bridging the Gap Summit, Triangle J Council of Government, Durham, NC, September 2013.
35. "Desarrollo urbano orientado al transporte," First International Conference on Sustainable Mobility, Medellín, Colombia, May 2013.
36. "Desarrollo urbano orientado a buses rápidos," Latin American Forum on Noteworthy Instruments for Urban Intervention, Quito, Ecuador, May 2013.
37. Invited discussant of "Urban mobility reform in Santiago de Chile," Unconventional Wisdom Conference, MIT –Cambridge, MA, May 2013.
38. "The future of the connection between transportation and land use," ACT faculty fellow presentation, University of Colorado, Boulder and Denver, April 2013.
39. "Motorcycles in Latin America," Transforming Transportation Annual Conference, Washington DC, January 2013.
40. "Perspectivas sobre la revitalización y la renovación urbana orientada a transporte masivo," Workshop on value capture for affordable housing in areas of revitalization, Bogotá, Colombia, January 2012.
41. "Herramientas novedosas de financiación para el desarrollo orientado al transporte masivo," Invited speaker, Third Sustainable Transportation and Air Quality Clinic for Latin America, Rio de Janeiro, Brasil, October 2011.
42. "Desarrollo urbano y usos de suelo cerca de estaciones de sistema de transporte masivo," Invited speaker, 18th Annual Brazilian Congress of Transportation and Traffic, Rio de Janeiro, Brazil, October 2011.
43. "Avoiding the abyss: Making planning relevant," University of California at Los Angeles, Harvey Perloff Lecture, April 2011.

44. "Proyectos de desarrollo urbano orientados hacia sistemas de transporte masivo (BRT), Estudio de Caso: Colombia," Invited speaker, Land use and mass transit strategies seminar (Seminario do estratégias de uso e ocupacao do solo e transporte coletivo), Belo Horizonte, Brazil, March 2011.
45. "Inversiones de transporte masivo como proyectos de desarrollo urbano," Workshop on Urban Renewal and Redevelopment, Bogota, Colombia, November 2010.
46. "Taking action –Transportation policies for active living," National Conference for State Legislatures, Promoting Healthy Communities and Reducing Childhood Obesity: Strategies that Work, November 2010.
47. "Desarrollo urbano y usos de suelo cerca de estaciones de sistema de transporte masivo," Invited presentation, First Sustainable Transportation and Air Quality Clinic for Latin America, Mexico City, Mexico, October, 2010.
48. "The built environment and physical activity: A Framework for multi-sector action," Invited keynote, NC Active Leadership Forum, August 2010.
49. "Transportation's role in influencing physical activity: A state perspective," Invited speaker, NC Active Leadership Forum, August 2010.
50. "Transportation, health, and livability; framing and evidence for policy change," Invited speaker, Transportation Energy and Environment Meeting, June 2010.
51. "The influence of compact development on travel behavior and tailpipe emissions: A case study of Mecklenburg County in 2050," Invited speaker, Transportation Energy and Environment Meeting, June 2010.
52. "Compact development, emissions, and air quality in Mecklenburg County, NC 2050," Invited, Environmental Protection Agency Policy Staff, June 2010.
53. "Transportation, health, and livability: Research, questions, and data needs," Invited Plenary Speaker, Humphrey Institute for Public Affairs, University of Minnesota, Minneapolis, MN, April 2010.
54. "Linking the built environment and health," Policy Briefing given to NC Legislative Committee on Child Health, Raleigh NC, February 2010.
55. "Sustainability in transportation: The land use connection" (with P. Berke), Invited, NC Board of Transportation, December 2009.
56. "Transportation, physical activity, and public health: Forging non-traditional partnerships to create healthy, active communities," Active Living Research Webinar, December 2009.
57. "Freight transportation and land uses –Trends and research opportunities," Federal Highway Administration Webinar, November, 2008.
58. "Advanced modeling system for examining the effects of regional development on air quality," EPA STAR Grantee meeting, Durham, NC, October 2008.

59. "Relationship between growth and air quality," Air Waste Management Association (AWMA) RTP Chapter, April 2008
  60. "What we know about the built environment and health," Parks Count Summit, North Carolina State University, April 2008.
  61. "Housing price indices," Lonja Propiedad Raiz, Bogotá, Colombia, March 2008.
  62. "Impact of TransMilenio on land prices," Lincoln Land Institute Course on Measuring Land Impacts of Infrastructure, Bogota, Colombia, March 2008.
- "Urban growth models for China," Second annual growth conference in China, Lincoln Land Institute, Hungzhou, China, October 2007.
- "Impact of TransMilenio on Land Values," Valuing the impacts of public interventions seminar, Lincoln Land Institute, Cambridge, MA, September, 2007.

#### **OTHER PUBLICATIONS (LAST THREE YEARS)**

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Rodriguez, D. (2021). Transit Oriented Development: An Appraisal of Trends and Opportunities for Latin America. Inter-American Development Bank, Washington DC.

Sandt, L., West, A., Johnson, S., Brookshire, K., Evenson. K., Blackburn, L., Peach, K., Tartala, M., Ricklin, A., Shah, S., Rodriguez, D. A., Corburn, J. (2019). A Research Roadmap for Transportation and Public Health, Final Report Project No 20-112, National Cooperative Highway Research Program, Transportation Research Board.

National Academies of Sciences, Engineering, and Medicine (2019). Implementing Strategies to Enhance Public Health Surveillance of Physical Activity in the United States. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25444>.

Berke, P. R., and Rodriguez, D. A. (2019). David Godschalk: A Planner's Lifelong Search for the Sweet Spot. *Journal of the American Planning Association*, 85:1, 7-15, DOI: 10.1080/01944363.2018.1541423.

Nachman, L. and Rodriguez, D. A. (2019) Evaluating the Effects of a Classroom-Based Bicycle Education Intervention on Bicycle Activity, Self-Efficacy, Personal Safety, Knowledge, and Mode Choice. A Research Report from the University of California Institute for Transportation Studies. <https://escholarship.org/uc/item/5jq4p00j>

Nachman, L. and Rodriguez, D. A. (2019). Adult Bicycle Education Classes Increase Confidence, Feelings of Safety, and Knowledge of Bicycling Rules. A Policy Brief from the University of California Institute for Transportation Studies. <https://escholarship.org/uc/item/8nv3n88g>

Nachman, L. and Rodriguez, D. A. (2019). Research on the Effects of Bicycle Education is Limited but Does Point to Higher Rates of Bicycling and Increased Safety. A Policy Brief from the University of California Institute for Transportation Studies. <https://escholarship.org/uc/item/829330jw>

Harvey, C., Fang, K. and Rodriguez, D. A. (2019). Evaluating Alternative Measures of Bicycling “Level of Traffic Stress” Using Crowdsourced Route Satisfaction Data. Mineta Transportation Institute Project 1711 Research Report. <https://transweb.sjsu.edu/sites/default/files/1711-Fang-Bicycle-Level-of-Stress-Crowdsourced-Route-Satisfaction.pdf>

Harvey, C., Fang, K. and Rodriguez, D. A. (2019). Evaluating Alternative Measures of Bicycling “Level of Traffic Stress” Using Crowdsourced Route Satisfaction Data. Mineta Transportation Institute Project 1711 Research Brief. [https://transweb.sjsu.edu/sites/default/files/1711-RB-Bicycle-Level-of-Stress-Crowdsourced-Route-Satisfaction\\_0.pdf](https://transweb.sjsu.edu/sites/default/files/1711-RB-Bicycle-Level-of-Stress-Crowdsourced-Route-Satisfaction_0.pdf)

## **TEACHING AND MENTORING EXPERIENCE**

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### Courses

|                                    |   |
|------------------------------------|---|
| Quantitative Planning Methods      | Develops and strengthens quantitative reasoning for planning practice. Course covers basic inferential statistics, from hypothesis testing, to linear and logistic regression.                          |
| Sustainable Mobility               | Focuses on sustainable mobility in world cities, with an emphasis on the long-term importance of how land development can be leveraged to improve the efficiency and effectiveness of mobility options. |
| Pedestrian & Bicycle Planning      | Provides a diverse perspective on effective pedestrian and bicycle planning strategies, from public participation, data analysis, and visualization, to plan-making and implementation.                 |
| Public Transportation Planning     | Focuses on public transportation strategy and planning, with an emphasis on how land uses can be leveraged to improve the efficiency and effectiveness of transit service.                              |
| Transportation Policy and Planning | Introduces students to the current discussions and methodological approaches for evaluating and making transportation policy decisions.   |
| Research Design                    | Identifies and discusses the main research designs that planning and policy researchers consider in their scholarly work.   |
| Urban Spatial Structure            | Introduces to planning students the relevant theories, models, and approaches that explain the function and structure of urban areas.   |
| Studio/Capstones                   | Brings together students to address a planning problem for a client. Past clients have included The World Bank, the Town of Carrboro, and Triangle Transit.   |

### Postdoctoral advisor

Atiyya Shaw, Ph.D. SALURBAL project, 2021-

Maryia Bakhtsiyarava, Ph.D. SALURBAL project, 2020-

Xavi Delclos, Ph.D. SALURBAL project, 2019-2021. [now a Fellow at Universitat Rovir i Virgili, Catalunya, Spain.]

Mika Moran, Ph.D., SALURBAL project, 2017-2021. [now Research Scientist, Washington University, St. Louis]

Xize Wang, Ph.D., SALURBAL project, 2017-2019. [now Assistant Professor at Department of Real Estate, National University of Singapore]

Yuanyuan Zhao, Ph.D., SALURBAL project, 2017-2018. [now Assistant Professor at College of Land Science and Technology, China Agricultural University, Beijing]

Sheila Fleishhacker, Ph.D., JD, UNC Interdisciplinary Obesity Training Program, 2008-2011. [now at the US Department of Agriculture]

Andres Villaveces, Ph.D., MD, NIH Fogarty Global Health Fellows Program, 2008-2011. [now at The Center for Disease Control and Prevention (CDC)]

Justin Moore, Ph.D., CDC Mentored Public Health Research Scientist Development Award (co-mentor), 2007-2010. [now Associate Professor, Department of Family & Community Medicine, Wake Forest University]

Doctoral student advisor/chair (if no affiliation shown, student is at UC Berkeley)

Cheng-Kai Hsu (in progress) City and Regional Planning.

Meiqing Li (in progress) City and Regional Planning.

Irene Farah (in progress) City and Regional Planning.

Chester Harvey (in progress) City and Regional Planning.

Megumi Yamanaka (in progress) City and Regional Planning.

Gwen Kash, Ph.D. (2018) City and Regional Planning, UNC, Chapel Hill. [now post-doctoral scholar at Georgia Tech]

Lindsay Maurer, Ph.D. (2018) City and Regional Planning, UNC, Chapel Hill [now Assistant Professor of City and Regional Planning, University of Illinois, Urbana Champaign]

Lilah Besser, Ph.D. (2016) City and Regional Planning, UNC, Chapel Hill. [now Assistant Professor of Urban and Regional Planning, Florida Atlantic University]

Erik Vergel, Ph.D. (2016) City and Regional Planning. [now Assistant Professor, Department of Architecture, Universidad de los Andes, Bogotá, Colombia]

Tony Sease, Ph.D. (2015) City and Regional Planning. [now with Civitech, LLC]

Marc Howlett, Ph.D. (2015) City and Regional Planning. [now with the Center for Faculty Excellence, University of North Carolina, Chapel Hill]

Tabitha Combs, Ph.D. (2013) City and Regional Planning. [now Senior Researcher, University of North Carolina]

Gihyoung Cho, Ph.D. (2011) City and Regional Planning. [now Associate Professor, School of Urban and Environmental Engineering, Ulsan National Institute of Science and Technology]

Anna Osland, Ph.D. (2011) City and Regional Planning. [now senior research associate, University of Louisiana]

Yingling Fan, Ph.D. (2007) City and Regional Planning (co-chair). [now Professor, Humphrey School of Public Affairs, University of Minnesota]

#### Doctoral student committee member

Manuel Santana, Ph.D. (2021) City and Regional Planning

Pavan Yedavalli, Ph.D. (2021) City and Regional Planning.

Ke Peng, Ph.D. (2018) City and Regional Planning, UNC, Chapel Hill.

Bill Bishop, Ph.D. (2018) City and Regional Planning, UNC, Chapel Hill (deceased).

Mohsen Ghiasi (2016) Urban design, North Carolina State University

Katie Holliday (2016) Epidemiology [now Post-Doctoral fellow, University of North Carolina, Chapel Hill]

Mary Donegan (2016) City & Regional Planning, UNC, Chapel Hill.

Sandt (2016) Epidemiology [now Senior Research Scientist, University of North Carolina, Chapel Hill]

Wilson (2009) City and Regional Planning [now Associate Professor at University of Illinois Urbana-Champaign]

Stevens (2008) City and Regional Planning [now Associate Professor at University of British Columbia]

Shay (2007), City and Regional Planning [now Assistant Professor Appalachia State University]

de Nazelle (2007), Department of Environmental Sciences and Engineering [now Associate Professor, Imperial College, London]

Zhai (2007), Department of Civil and Environmental Engineering, North Carolina State University [now Research Scientist at Carnegie Mellon University]

Demir (2006), College of Design, North Carolina State University.

Aytur (2005), Department of Epidemiology [now Associate Professor at University of New Hampshire]

McGinn (2005), Department of Epidemiology [now Associate Professor at Albert Einstein College of Medicine]

Barbieri (2005) City and Regional Planning, [now Professor, Universidade Federal de Minas Gerais]

#### Master's student advisor

Alejo Alvarado (2021) City Planning.

Ben Ulrey (2021) City Planning.

Gabriela Picado (2020) City Planning and Transportation Engineering.

Ian Martin (2020) City Planning and Transportation Engineering.

Leopold Wambersie (2020) City Planning.

Shannon McCarthy (2020) City Planning.

Libby Nachman (2019) City Planning.



Roberto Ascensio (2019) City Planning.

Joy Pasquet (2019) City Planning.

Joel Mandella (2018) City Planning.

Matt Reiter (2018) City Planning and Transportation Engineering.

Kate Beck (2017) City Planning and Public Health.

Michael Randolph (2017) City Planning.

Anup Tapase (2018) City Planning.

Martha Koch (2018) City Planning.

Elizabeth Theosacharides (2017) City Planning.

Nicholas Aguilera (2017) City Planning.

Jessica Camacho (2017) City Planning and Transportation Engineering

Dov Kadin (2017) City Planning.

Evan Knopf (2017) City Planning.

Ryan Reeves (2017) City Planning.

Shanwen Liu MCRP (2016) City and Regional Planning. [now at Cambridge Systematics]

Elizabeth Yarnall MCRP (2016) City and Regional Planning. [now at AECOM]

Luis Tafur MCRP (2016) City and Regional Planning. [now at Secretaría de Movilidad, Bogotá, Colombia]

William Moose MCRP (2016) City and Regional Planning. [now at The World Bank]

Allen Lum MCRP (2016) City and Regional Planning. [now at NYC Parks and Recreation]

Amanda Klepper MCRP (2016) City and Regional Planning. [now at Renaissance Planning Group]

Alex Kado MCRP (2016) City and Regional Planning. [now at City of The Hague, Netherlands]

Yeying Huang MCRP (2016) City and Regional Planning. [now at]

Stephen Heiny MCRP (2016) City and Regional Planning. [now at Highway Safety Research Center]

Ian Hamilton MCRP (2016) City and Regional Planning. [now at VHB]

Christina Galardi MCRP and MPH (2016) City and Regional Planning. [now at Harvard Innovation Lab]

Julia Katz MCRP and MPH (2016) City and Regional Planning. [now at TJ Council of Governments]

Yijun Ma MCRP (2015) City and Regional Planning. [now at Institute for Transportation Research and Education, North Carolina State University]

Philip Hanson MCRP and MPH (2015) City and Regional Planning. [now at Town of Chapel Hill]

Scott Boone MCRP and MESE (2015) City and Regional Planning. [now at Cambridge Systematics]

Le Zhang MCRP (2014) City and Regional Planning. [now at New York City Dept. of Transportation]

Melissa Kim MCRP (2014) City and Regional Planning. [now at Nelson Nygaard]

Jill Mead MCRP (2014) City and Regional Planning. [now at Development Strategies]

Yichun Tu MCRP (2014) City and Regional Planning. [now at Project for Public Spaces]

Michael Clark MCRP (2014) City and Regional Planning. [now at MassDOT]

Anthony Burton MCRP (2014) City and Regional Planning. [now at Presidential Management Fellow]

Veronica Conti MCRP (2013) City and Regional Planning. [now at Sustrans London]

Taylor Dennerlain MCRP (2013) City and Regional Planning. [now at Cambridge Systematics]

Geoff Green MCRP (2013) City and Regional Planning. [now at Triangle Transit]

Kristen Langford MCRP (2013) City and Regional Planning. [now at UNC Highway Safety Research Center]

Terra Curtis MCRP (2012) City and Regional Planning. [now at Nelson Nygaard]

Amanda Mansfield MCRP (2012) City and Regional Planning. [now at City of Albany (NY) Planning Department]

Uri Pachter MCRP (2012) City and Regional Planning. [now at Greenbelt Alliance]

Charlotte Chapman MCRP (2011) City and Regional Planning. [now self-employed]

Lindsay Maurer MCRP (2011) City and Regional Planning. [now at UNC-CH, doctoral student]

Menaka Mohan MCRP (2011) City and Regional Planning. [now at City of Oakland Department of Transportation]

Michael Ousdahl MCRP (2011) City and Regional Planning. [now at Google]

Paul Winn MCRP (2010) City and Regional Planning. [now at VHB]

Lora Greco MCRP (2010) City and Regional Planning. [now at Department of Environment and Natural Resources]

Monica Leap MCRP (2010) City and Regional Planning. [now at Studio 5.50]

Jenny Rogers MCRP (2009) City and Regional Planning. [now at Triangle Transit]

Megan McConville-Lewis MCRP (2009) City and Regional Planning. [now at USDA Rural Development]

Michael Callahan (2009) City and Regional Planning. [now at Renaissance Planning]

Seth Lajeunesse MCRP (2009) City and Regional Planning. [now at Highway Safety Research Center]

Ariel Yang MCRP (2008) City and Regional Planning. [now at Fairfax County Department of Transportation]

Corey Bell MCRP (2008) City and Regional Planning.

Chava Kronenberg MCRP (2008) City and Regional Planning. [now at San Francisco Municipal Transportation Authority]

Elizabeth Brisson MCRP (2008) City and Regional Planning. [now at San Francisco County Transportation Authority]

Jennifer Wieland MCRP (2008) City and Regional Planning. [now at now at Nelson\Nygaards]

Michael Schwartz MCRP (2008) City and Regional Planning. [now at San Francisco County Metropolitan Transit Authority]

Jennifer Gilchrist MCRP (2008) City and Regional Planning. [now at Active Living by Design]

Garri Kueber MCRP (2007) City and Regional Planning. [now at Scientific Properties]

Zachary Shahan MCRP (2007) City and Regional Planning. [now at Alliance for Community Choice in Transportation]

Corey Teague MCRP (2007) City and Regional Planning. [now at San Francisco Planning Department]

Emily Yasukochi MCRP (2007) City and Regional Planning. [now at Remix Software]

Katie Chalmers MCRP (2006) City and Regional Planning. [now at King County (WA) planner]

Nicolas Estupiñán MCRP (2006) City and Regional Planning. [now at Corporación Andina de Fomento (Andean Development Bank)]

Carrie Fesperman MCRP (2006) City and Regional Planning. [now at City of Alexandria, VA]

Anna Leos-Urbel MCRP (2006) City and Regional Planning. [now at Volpe National Transportation Systems Center]

Peter Ohlms MCRP (2006) City and Regional Planning. [now at Virginia Transportation Research Council]

Laura Sandt MCRP (2006) City and Regional Planning. [now at Pedestrian Bicycle Information Center]

Emily Snyder MCRP (2006) City and Regional Planning. [now at City of Denver Pedestrian and Bicycle Planner]

Christopher Ziemann MCRP (2006) City and Regional Planning. [now at Chicago Department of Transportation]

Helen Chaney MRP (2005) City and Regional Planning. [now at NC Department of Transportation]

Jeff Grim MRP (2005) City and Regional Planning. [now at Indiana University of Pennsylvania Safety Research Center]

Adena G. Messinger MRP (2005) City and Regional Planning. [now at University of Illinois at Urbana Champaign Extension]

Hannah Young MRP (2005) City and Regional Planning. [now at Urban Planning Partners]

Matthew Day MRP (2004) City and Regional Planning. [now at NC Department of Transportation]

Susan Faulkner MRP (2003) City and Regional Planning.

Jeremy Raw MRP (2003) City and Regional Planning. [now at FHWA]

Marta Rocha MRP (2003) City and Regional Planning. [now at Universidad Técnica de Lisboa]

Felipe Targa MRP (2003) City and Regional Planning. [now at The World Bank]

Chang Yi MRP (2003) City and Regional Planning. [now at University of Texas, Austin]

Patrick McDonough MRP (2003) City and Regional Planning. [now at Triangle Transit Authority]

Chris Estes MRP (2002) City and Regional Planning. [now at NC Housing Coalition]

Conaway Haskins III MRP (2002) City and Regional Planning. [now at Virginia Community Economic Network]

Joonwon Joo MRP (2002) City and Regional Planning. [now at Arizona Department of Transportation]

Aiken Kwok MRP (2002) City and Regional Planning. [now at LD Asia]

Jamie Cox MRP (2001) City and Regional Planning. [now at Troutman Sanders LLP]

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#### **EXTERNAL GRANTS AND AWARDS AS PRINCIPAL OR CO-PRINCIPAL INVESTIGATOR**

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2019-2022 Wellcome Trust. Green spaces, air pollution, and climate-related heat mortality in Latin American cities \$628,294. Grant # 216029/Z/19/Z

2017-2022 sub to Drexel University (Diez-Roux PI). Wellcome Trust. What Makes Cities Healthy, Equitable and Environmentally Sustainable? Lessons from Latin America: \$1,057,014. Grant # 440029-6915.

2017-2022 sub to Drexel University (Sánchez PI). National Institutes of Health. Characterizing health impacts of built environment features using complex data: \$218,995. Grant # 1R01HL131610-01A1.

2016-2022 sub to UNC (Harkey PI). Collaborative Sciences Center for Road Safety (co-PI with Grembek). \$1,412,072. Grant # 5106575.

2014-2016 sub to NCSU (Frey PI). Health Effects Institute. Characterizing the determinants of vehicle traffic emissions exposure: Measurements and modeling of land-use, traffic, emissions, transformation and transport. UNC portion: \$83,222. Grant # 4944-RFA13-1/14-15.

2013 sub to NCSU (O'Brien PI). North Carolina Department of Transportation. Bicycle and pedestrian data collection. UNC portion: \$41,257. Grant # 2014-0874-02.

2013 Southeastern Transportation Research, Innovation, Development, and Education Center (STRIDE). Teaching schoolchildren pedestrian safety: A pragmatic trial using virtual reality. \$77,502. Grant # UF-EIES-1200008-UNC.

2013 Southeastern Transportation Research, Innovation, Development, and Education Center (STRIDE). Travel to the annual meeting of the transportation research board. \$2,500, PI. Grant # 5-59029.

2012 Southeastern Transportation Research, Innovation, Development, and Education Center (STRIDE), Internal Steering Committee. \$56,787, PI. Grant # 5-55866.

2012 Southeastern Transportation Research, Innovation, Development, and Education Center (STRIDE). Development of pedestrian and bicycle transportation course modules. \$20,750, PI. Grant # 5-55870.

2012 Southeastern Transportation Research, Innovation, Development, and Education Center (STRIDE). Travel to the annual meeting of the transportation research board. \$2,500, PI. Grant # 5-57865.

2011 Southeastern Transportation Center. Safety in pedestrian plans matching grant. \$50,000, PI. Grant # DTRT07-G-0004.

2009 Robert Wood Johnson Foundation. Healthy eating research - Food access within North Carolina American Indian communities. \$150,000, PI. Grant # 66958.

2008 Oregon Transportation Research and Education Consortium. Travel behavior, residential preference, and urban design: A multi-disciplinary national analysis. \$49,931, PI. Grant # UO-246191A.

2007 Southeastern Transportation Center. Educational Component Grant. \$331,000, PI. Grant # 5-43013.

2007 With RAND (Cohen PI). National Institutes of Health. Away from home and eating (TAAG2). UNC Portion: \$503,847, PI. Grant # 2R01HL071244 - 05A1.

2007 Southeastern Transportation Center. Matching funds for active living policy and environmental studies. \$25,000, PI. Grant # R01-2515-096.

2006 North Carolina Department of Transportation- Economic Impacts of Traffic Incidents on North Carolina's Interstate Facilities. \$89,679, PI. Sub agreement # 2005-1758-01.

2006 Southeastern Transportation Center. Educational component grant. \$51,800, PI. Account # R01-2515-096; Grant # DTRS-99-G-0004.

2005 Environmental Protection Agency. Science to achieve results initiative -An analysis of urbanization and hazard. \$111,000, PI. Faculty advisor for Anna Osland. Grant # 049862. FP - 91661101- 0.

2004 US DOT/ National Highway Institute. \$3,000, PI. Faculty advisor for Anna Osland. Grant # DDEGRD-04-X-00428 and DDEGRD-05-X-00446.

2004 Environmental Protection Agency. Science to achieve results initiative - Advanced modeling system for assessing long-term regional development patterns, travel behavior, emissions, and air quality. \$680,000, Co-PI. Grant # RD-83183501-0.

2003 Robert Wood Johnson Foundation. Active Living Research (ALR) - Testing associations between physical activity and the built environment. \$473,805, PI. Grant # 049862.

2003 US Department of Transportation (through the Southeastern Transportation Center). Safety outcomes, driver compensation, and trucking firm financial performance, seed grant. \$9,997, Co-PI. Grant # DTRS99-G-0004.

2003 North Carolina Department of Transportation. The connection between land use and transportation in land use plans. \$45,903, PI. Grant # 2003-0827-01.

2003 Federal Highway Administration and North Carolina A&T University. Interstate 40 value pricing assessment. \$80,000, PI. Grant # 5-51150A.

2001 US Department of Transportation (through the Southeastern Transportation Center). Understanding the role of truck-driver, occupational and high-risk roadway factors in truck-involved collisions. \$79,999, Co-PI. Grant # R01-2516076/DTRS-99.

2001 Sub to Wayne State University (Belzer PI) US Department of Transportation. Impact of truck driver compensation on driver safety and turnover: A case study. \$15,000, PI. Grant # 442650.

2001 National Science Foundation (through Institute for Civil Infrastructure Systems). Transportation and equity: A review and future research directions. \$4,000, PI. Internal Grant # 5-40324.

1999 Southeastern Transportation Center. Educational component grant. \$387,000, PI.

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#### **INTERNAL GRANTS AS PRINCIPAL OR CO-PRINCIPAL INVESTIGATOR**

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2018 Evaluating the effects of a bicycle education intervention on mode shift, confidence, and riding frequency, Institute for Transportation Studies, University of California, Berkeley, \$78,254, PI.

2004 University of North Carolina. Faculty development award. \$5,000, PI.

2004 University of North Carolina. Research council award. \$2,900, PI.

2001-2003 University of North Carolina. Research council award. \$3,500, PI.

2001-2002 University of North Carolina. Grant for technology enhancement in the classroom. \$5,000, Co-PI.

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#### **EXTERNAL GRANTS AS CO-INVESTIGATOR**

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2011 Blue Cross Blue Shield Foundation of NC. Pedestrian connectivity in Raleigh's Blue Ridge corridor –A Health Impact Assessment. (6% of time)

2011 NHLBI. Environmental changes and health outcomes across 25 years: Four US cities. Grant #1R01HL114091-01. (16.7% of time)

2011 National Academies of Science and Engineering. Impacts of land use strategies on travel behavior in small communities and rural areas. (5% of time)

2011 Robert Wood Johnson Foundation. Understanding the impacts of pedestrian and bicycle plans on residents and communities. Grant #68511. (5% of time)

2010 NHLBI. Cardiovascular health of seniors and the built environment. (5% of time)

2009 NHLBI. Neighborhoods and CVD risk in a multi-ethnic cohort. Grant #2R01 HL071759-05A1. (8% of time)

2010 NC Department of Transportation. Seven portals study. (8% of time).

2009 NIH. Validation of SOPARC and use in diverse populations. Grant # R01HL092569 (10% of time).

2009 NHLBI. Neighborhood change in Chicago - DEAR project. (1% of time).

2009 NC Association of Community Development Corporations. Impact of the lack of workforce housing in Asheville, NC. (8% of time).

2004 Centers for Disease Control. Creating a NC physical activity policy research center. Grant # U48/DP000059-01 (7% of time).

2004 National Cancer Institute. Understanding change in physical activity postpartum. Grant # 1 R01 CA109804-01 (5% of time).

2004 Robert Wood Johnson Foundation. Active Living Research (ALR) - Exploring relationships between adult physical activity and perceived and objective measures of community environmental characteristics. Grant # 52319 (8% of time).

### **INTERNAL SERVICE ACTIVITIES (PAST THREE YEARS)**

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2020-2021. College of Environmental Design Chair of the Faculty

2018, 2019, 2021. University of California Fellowship Committee.

2021. Center for Latin American Studies Tinker Summer Fellowship Committee.

2018-2021. Masters of Urban Design Executive Committee.

2010-2020. College of Environmental Design Vice-Chair of the Faculty

2018-2019 Director, Doctoral program, Department of City and Regional Planning

### **APPOINTED MEMBERSHIPS**

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#### Board of Directors

2022- Member. Rails to Trails Conservancy.

#### Editorial Board

*Journal of the American Planning Association* (Routledge)

*Journal of Transport and Land Use*

*International Journal of Sustainable Mobility* (Taylor and Francis)

#### Committees

2020- Member of the National Academies' Transportation Research Board, Transportation and Health Committee.

2018-2019 Member, Committee on Strategies for Implementing Physical Activity Surveillance, National Research Council and Health and Medicine Divisions of the National Academies of Science, Engineering, and Medicine.

2012-2016 Member, NCHRP Project 07-19 Panel: Methods and Technologies for Collecting Pedestrian and Bicycle Counts.

2013-2014 Member, American Collegiate Schools of Planning Committee for people of color (conference in July 2013, in Los Angeles).

2011-2013 American Collegiate Schools of Planning mentoring committee.

2008-2014 Member, UNC Pedestrian-Bicycle Safety Board, Chapel Hill.

2009-2015 Member, UNC Institute for the Environment, Faculty Advisory Committee, Chapel Hill.

2002-2008 member of the National Academies' Transportation Research Board Trucking Industry Committee.

2002-2008 Member of the National Academies' Transportation Research Board Committee on Freight Transportation Economics and Regulation.

2001-2009 Appointed Member of the National Academies' Transportation Research Board Committee on Transportation and Land Development.

2005-2007 Advisory Board, Active Living by Design, University of North Carolina - Chapel Hill.

2002-2006 Advisory Board, Member Smart Growth and New Economy Program, Center for Urban Regional Studies, University of North Carolina - Chapel Hill.

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## OTHER PROFESSIONAL ACTIVITIES

2021 Special issue editor, *Transportation Research Part D: "Learning from the Global South: Mobility, environmental, and health opportunities and challenges to urban bicycling"*

2021 Moderator, Intervenciones de Emergencia para la Movilidad Sustentable en América Latina, ¿Qué ha pasado luego de un año? Hosted by CEDEUS, Universidad Católica de Chile, June.

2020 Moderator, panel on air quality and urban health in Latin America, hosted by SALURBAL. September.

2019 Organizing Committee, Conference on Health and Active Transportation, Washington DC, December.

2015 National Conference Chair, Active Living Research Annual Conference, San Diego, CA.

2013 Expert Reviewer of Intergovernmental Panel on Climate Change Working Group III Second Order Draft of the Fifth Assessment Report, Chapter on "Human Settlements, Infrastructure and Spatial Planning."

2012-2013 Expert Technical Advisor - US Department of Transportation, Centers for Disease Control and Prevention, and American Public Health Association: Transportation and Health Indicators.

### Manuscript reviewer

#### Planning and Urban Studies

*Journal of the American Planning Association, Journal of Planning Education and Research, Journal of Regional Science, Urban Studies, Journal of Planning Literature, Landscape and Urban Planning, Land Use Policy, Environmental and Planning A, Environment and Planning B, Cities, Journal of Urban Design, Journal of Sustainable Urbanism, Urban Geography, Regional Science and Urban Economics, Habitat International, and Journal of Architectural Planning and Research.*

#### Transportation



*Transportation Research Part A, Transportation Research Part D, Transportation, Transport Reviews, Transportation Research Record, Journal of Transport Geography, Journal of Geographic Science, International Journal of Sustainable Transportation, and ASCE Journal.*

#### Health

*Journal of Epidemiology, American Journal of Preventive Medicine, American Journal of Public Health, American Journal of Health Promotion, Preventive Medicine, Medicine and Science in Sports and Exercise, Journal of Urban Health, Health & Place, Annals of Behavioral Medicine, International Journal of Behavioral Nutrition and Physical Activity and International Journal of Health Geographics.*

#### Other

*PLOSONe, Science Advances*