

Aaron Golub

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Academic Appointments

Associate Professor, Nohad A. Toulan School of Urban Studies and Planning, Portland State University (9/2015 to present)

Associate Professor, School of Geographical Sciences and Urban Planning and School of Sustainability, Arizona State University (8/2014 to 7/2015)

Assistant Professor, School of Geographical Sciences and Urban Planning and School of Sustainability, Arizona State University (1/2007 to 5/2014)

Affiliations and Titles

School Director, Nohad A. Toulan School of Urban Studies and Planning, Portland State University (7/2017 to present)

Faculty Fellow, Institute for Sustainable Solutions, Portland State University (9/2016 to present)

Director, Graduate Certificate in Transportation, Portland State University (9/2015 to present)

Senior Sustainability Scientist, Global Institute of Sustainability, Arizona State University (1/2011 – 7/2015)

Assistant Director, Stardust Center for Affordable Housing and the Family, Global Institute of Sustainability, Arizona State University (4/2012 to 7/2015)

Director, Graduate Certificate in Transportation Systems, Arizona State University (1/2008 to 8/2011)

Education

Postdoctoral Researcher, Institute for Urban and Regional Development and the University of California Transportation Center, University of California at Berkeley (5/2004 to 12/2006)

Ph.D., Department of Civil and Environmental Engineering, University of California at Berkeley, 2003. Minors: City and Regional Planning, Statistics. Co-Chairs: Robert Cervero and Martin Wachs. Dissertation: *Welfare Analysis of Informal Transit Services in Brazil and the Effects of Regulation*

M.S. in Mechanical Engineering, Massachusetts Institute of Technology, 1996. Chair: Ahmed Ghoniem. Thesis: *Modeling NOx Formation in a Small Bore, Lean Natural Gas, Spark Ignition Engine*

B.S. in Mechanical Engineering, Virginia Polytechnic Institute (Honors Program), 1994. Minor: Mathematics

Other Professional Employment

Transportation Researcher, Urban Habitat Program, Oakland, California. (1/2006 to 5/2012)

Senior Transportation Planner, Transit Resource Center (Consultancy) (6/2005 to 12/2008)

Brazil Program Director, Institute for Transportation and Development Policy (8/2003 to 6/2004)

Consultant, World Bank. Mexico City, Mexico (2/2002 to 2/2003)

Research Assistant to Dr. Lee Schipper, International Energy Agency (3/2000 to 6/2002)

Consultant, World Bank. Rio de Janeiro, Brazil (8/1999 to 1/2000)

Peer-Reviewed Work

[Graduate student co-authors are noted with an asterisk throughout.]

Peer-Reviewed Articles

Martens, K., & **Golub, A.** (2018). A Fair Distribution of Accessibility: Interpreting Civil Rights Regulations for Regional Transportation Plans. *Journal of Planning Education and Research* <https://doi.org/10.1177%2F0739456X18791014> .

*Seo, K., Salon, D., Kuby, M. & **Golub, A.** (2018) Hedonic modeling of commercial property values: distance decay from the links and nodes of rail and highway infrastructure. *Transportation*. <https://doi.org/10.1007/s11116-018-9861-z>

Marcantonio, R., **Golub, A.**, Karner, A., & Nelson Dyble, L. (2017). Confronting inequality in metropolitan regions: Realizing the promise of civil rights and environmental justice in metropolitan transportation planning. *Fordham Urban. Law Journal*, 44, 1017. <https://ir.lawnet.fordham.edu/ulj/vol44/iss4/4/>

Wei, R., Liu, X., Mu, Y., Wang, L., **Golub, A.**, & Farber, S. (2017). Evaluating public transit services for operational efficiency and access equity. *Journal of transport geography* 65, 70-79. <https://doi.org/10.1016/j.jtrangeo.2017.10.010>

Zhong, Q., Karner, A., Kuby, M., & **Golub, A.** (2017). A multiobjective optimization model for locating affordable housing investments while maximizing accessibility to jobs by public transportation. *Environment and Planning B: Urban Analytics and City Science*. <https://doi.org/10.1177/2399808317719708>

Karner, A. & **Golub, A.** (2015) Comparing two common approaches to public transit service equity evaluation. *Transportation Research Record: Journal of the Transportation Research Board* 2531. <http://dx.doi.org/10.3141/2531-20>

Golub, A. & Martens, K. (2014) Using principles of justice to assess the modal equity of regional transportation plans. *Journal of Transport Geography* 41, 10-20. <http://dx.doi.org/10.1016/j.jtrangeo.2014.07.014>

*Seo, K., **Golub, A.**, & Kuby, M. (2014) Combined impacts of highways and light rail transit on residential property values: a spatial hedonic price model for Phoenix, Arizona. *Journal of Transport Geography* 41, 53-62. <http://dx.doi.org/10.1016/j.jtrangeo.2014.08.003>

*Bernstein, M. J., Wiek, A., *Brundiers, K., *Pearson, K., *Minowitz, A., Kay, B., & **Golub, A.** (2014). Mitigating urban sprawl effects: a collaborative tree and shade intervention in Phoenix, Arizona, USA. *Local Environment*. <http://dx.doi.org/10.1080/13549839.2014.965672>

Golub, A., Marcantonio, R. & Sanchez, T. (2013). Race, Space and Struggles for Mobility: Transportation Impacts on African-Americans in Oakland and the East Bay. *Urban Geography* 34(5): 699-728. <http://dx.doi.org/10.1080/02723638.2013.778598>

Golub, A., Robinson, G. & Nee, B. (2013). Making accessibility analyses accessible: A tool to facilitate the public review of the effects of regional transportation plans on accessibility. *Journal of Transportation and Land Use* 6(3). <http://dx.doi.org/10.5198/jtlu.v6i3.352>

Golub, A., *Mahoney, M. & *Harlow, B. (2013). Sustainability and intergenerational equity: Do past injustices matter? *Sustainability Science* 8(2), 269-277. <http://dx.doi.org/10.1007/s11625-013-0201-0>

Golub, A., Guhathakurta, S., & *Sollapuram, B. (2012). Spatial and temporal capitalization effects of light rail in Phoenix: from conception, planning, and construction to operation. *Journal of Planning Education and Research* 32(4), 415-429. <http://dx.doi.org/10.1177/0739456X12455523>

Martens, K., **Golub, A.** & Robinson, G. (2012). A justice-theoretic approach to the distribution of transportation benefits: Implications for transportation planning practice in the United States. *Transportation Research Part A: Policy and Practice* 46(2), 684-695. <http://dx.doi.org/10.1016/j.tra.2012.01.004>

*Machler, L. & **Golub, A.** (2012). Using a “Sustainable Solution Space” Approach to Develop a Vision of Sustainable Accessibility in a Low-Income Community in Phoenix, Arizona. *International Journal of Sustainable Transportation* 6(5), 298-319. <http://dx.doi.org/10.1080/15568318.2011.605210>

Golub, A. (2012). Perceived costs and benefits of reversible lanes in Phoenix, Arizona. *Journal of the Institute of Transportation Engineers*, February, 2012, 38-42. <http://www.ite.org/membersonly/itejournal/pdf/2012/JB12BA38.pdf>

*Harlow, J., **Golub, A.**, & Allenby, B. (2011). An Exploration of Utopian Themes in Sustainable Development Discourse. *Sustainable Development* 21(4), 270-280. <http://dx.doi.org/10.1002/sd.522>

Golub, A. Zhen, F., Clark, N., Wayne, W., Schiavone, J., Chambers, C. & Chandler, K. (2011). Creation of a Transit Bus Life-Cycle Cost Tool to Evaluate Hybrid-Electric Bus Technologies in

Real World Operation. *Transportation Research Record: Journal of the Transportation Research Board* 2218, 19-26. <http://dx.doi.org/10.3141/2218-03>

*Acquino, J., White, D., Budruk, M. & **Golub, A.** (2011). Visitor's Experience of Traditional and Alternative Transportation in Yosemite National Park. *Journal of Park and Recreation Administration* 29(1), 38-57. <http://js.sagamorepub.com/jpra/article/view/19>

Golub, A. (2010). Welfare and equity impacts of gasoline price changes under different public transportation service levels. *The Journal of Public Transportation* 13(3), 1-21. <http://www.nctr.usf.edu/jpt/pdf/JPT13-3Golub.pdf>

Golub, A. & *Kelley, J. (2010). Exploring potential inequities between the burdens and benefits of climate change abatement policies in the transportation sector. *Transportation Research Record: Journal of the Transportation Research Board* 2163, 65-72. <http://dx.doi.org/10.3141/2163-07>

*Syed, S., **Golub, A.** & Deakin, E. (2009). Regional rail park-and-ride users' response to parking price changes: system-wide results and detailed study of two stations. *Transportation Research Record: Journal of the Transportation Research Board* 2110, 155-162. <http://dx.doi.org/10.3141/2110-19>

Nurworsoo, C., **Golub, A.** & Deakin, E. (2009). Analyzing equity impacts of transit fare changes: Case study of Alameda–Contra Costa Transit, California. *Evaluation and Program Planning* 32(4), 360-368. <http://dx.doi.org/10.1016/j.evalprogplan.2009.06.009>

Golub, A., Balassiano, R., Araujo, A. & Ferreira, E. (2009). Regulation of the informal transport sector in Rio de Janeiro, Brazil: welfare impacts and policy analysis. *Transportation* 36, 601-616. <http://dx.doi.org/10.1007/s11116-009-9215-y>

Cervero, R., **Golub, A.** & *Nee, B. (2007). City CarShare: Longer-Term Travel-Demand and Car Ownership Impacts. *Transportation Research Record: Journal of the Transportation Research Board* 1992, 70-80. <http://dx.doi.org/10.3141/1992-09>

Cervero, R., & **Golub, A.** (2007). Informal transport: A global perspective. *Transport Policy* 14(6), 445-457. <http://dx.doi.org/10.1016/j.tranpol.2007.04.011>

Deakin, E., *Shirgaokar, M., Nuworsoo, C., **Golub, A.**, Finney, J., Lew, W., Frank, B., *Cherry, C., *Higgins, N., *Rubin, E., *Valentin, T., *Parks, K., *Ng, W. & *Wong, D. (2006). A System Plan for a Bay Area Regional Express Bus Service. *Transportation Research Record: Journal of the Transportation Research Board* 1986, 190-197. <http://dx.doi.org/10.3141/10.3141/1986-25>

Golub, A. & Ghoniem, A. (1999). Modeling NOx Formation in a Small Bore, Lean Natural Gas, Spark Ignition Engine. SAE Technical Paper 1999-01-3480. <http://papers.sae.org/1999-01-3480>

Chapters in Edited Peer-Reviewed Books

Martens, K. & **Golub, A.** (2012). A justice-theoretic exploration of accessibility measures. (pp. 195-210). In: Geurs, K. T., Krizek, K. J., & Reggiani, A. (Eds.), *Accessibility Analysis and Transport Planning: Challenges for Europe and North America* (NECTAR Series on

Transportation and Communications Networks Research). Edward Elgar, Cheltenham. (ISBN: 9781781000106) http://www.e-elgar.com/bookentry_main.lasso?id=14718

Wilkinson, P., **Golub, A.**, Behrens, R., *Ferro, P. S. & *Schalekamp, H. (2011). Transformation of urban public transport systems in the Global South (pp. 146-175). In: Geyer, M. (Ed.), *International Handbook of Urban Policy, Vol 3: Issues in the Developing World*. Edward Elgar, Cheltenham. (ISBN: 9781847204608) http://www.e-elgar.co.uk/bookentry_main.lasso?id=12831

Cervero, R. & **Golub, A.** (2011). Informal transport as a mobility option. In: Dimitriou, H. & Gakenheimer, R. (Eds.), *Urban Transport in the Developing World. Policy and Planning for the New Millennium*. Edward Elgar, Cheltenham. (ISBN: 9781848441392) http://www.e-elgar.com/bookentry_main.lasso?id=12681

Non-Peer-Reviewed Work

Edited Books

Golub, A., Hoffman, M., Lugo, A., & Sandoval, G., eds. (2016) *Bicycle Justice and Urban Transformation: Biking for All?* Routledge.

Articles and Book Chapters

Martens, K., **Golub, A.** & Hamre, A. (Forthcoming) The equity dimensions of bicycle planning. In: Pucher, J. R., & Buehler, R. (Eds.). *City cycling*, 2nd Edition. Cambridge, MA: MIT Press.

Karner, A., **Golub, A.**, Martens, K., & Robinson, G. (2017) Transportation and Environmental Justice: History and Emerging Practice. In: Holifield, R., Chakraborty, J., & Walker, G. (eds.) *The Routledge Handbook of Environmental Justice*, First Edition. Routledge.

Golub, A. & *Johnson, A. (2017) Automobility in space and time. In: Warf, B. (Ed.) *Handbook on Geographies of Technology*. Edward Elgar publishing.

Golub, A. (2016) Is the right to bicycle a civil right? Synergies and tensions between the transportation justice movement and planning for bicycling. In: **Golub, A.**, Hoffman, M., Lugo, A., & Sandoval, G., eds. (2016) *Bicycle Justice and Urban Transformation: Biking for All?* Routledge.

Golub, A., Hoffman, M., Lugo, A., & Sandoval, G. (2016) Introduction: Creating an Inclusionary Bicycle Justice Movement. In: **Golub, A.**, Hoffman, M., Lugo, A., & Sandoval, G., eds. (2016) *Bicycle Justice and Urban Transformation: Biking for All?* Routledge.

Golub, A. (2016) Sustainable Urban Mobility. In: Wiek, A., Heinrichs, H., Michelsen, G. & Martens, P. (Eds.) *Handbook of Sustainability Science*. Springer.

Klinsky, S. & **Golub, A.** (2016) Justice and Sustainability. In: Wiek, A., Heinrichs, H., Michelsen, G. & Martens, P. (Eds.) *Handbook of Sustainability Science*. Springer.

*Schalekamp, H., **Golub, A.**, Behrens, R. & Mfinanga, D. (2016) Approaches to paratransit transformation. In: Behrens, R., McCormick, D. & Mfinanga, D. (Eds). *Paratransit in African Cities: Operations, Regulation and Transformation*. Earthscan.

Behrens, R., *Ferro, P. S., & **Golub, A.** (2016) International case studies of hybrid public transport system regulation and complementarity. In: Behrens, R., McCormick, D. & Mfinanga, D. (Eds). *Paratransit in African Cities: Operations, Regulation and Transformation*. Earthscan.

*Stanley, B., **Golub, A.**, Zingoni, M., *Warman, W., *Solari, C., & *Navarro, H. (2015). *Retrofitting the Cul-de-Sac in Suburban Arizona: A design intervention towards sustainable urban development*. Talen, E. (Ed.), Fixing sprawl. University of Georgia Press. (ISBN: 9780820345444) http://www.ugapress.org/index.php/books/index/retrofitting_sprawl

Golub, A. (2014) Moving Beyond Fordism: “Complete Streets” and the Changing Political Economy of Urban Transportation. In: Zvestoski, S. & Agyeman, J. (Eds.) (*In*) *Complete Streets: Processes, Practices and Possibilities*. Routledge. (ISBN: 9780415725873) <http://www.routledge.com/books/details/9780415725873/>

Golub, A. (2012). Sustainable Transportation (Chapter 7) in Pijawka, D. & Gromulat, M. (Eds.), *Understanding Sustainable Cities: Concepts, Cases, and Solutions*. Kendall-Hunt. (ISBN: 9781465203441) <http://www.kendallhunt.com/store-product.aspx?id=62467>

Golub, A. & Henderson, J. (2011). The greening of mobility in San Francisco (pp. 113-132). In: Slavin, M. (Ed.), *Sustainability in America's Cities: Creating the Green Metropolis*. Island Press. (ISBN: 9781597267410) <http://islandpress.org/ip/books/book/islandpress/S/bo8062720.html>

Golub, A. (2011). Liberalism, Neoliberalism and Urban Transportation. *Progressive Planning: The Magazine of Planners Network*. Fall, 2011. http://www.plannersnetwork.org/publications/mag_2011_4_fall.html

Golub, A. (2007). Car-Sharing. *Berkeley Environmental Design Frameworks*, Spring, 2007.

Golub, A. (2004). Brazil's Buses: Simply Successful. *Access 24*, 2-4. <http://www.uctc.net/access/access24.pdf>

Ferreira, E. & **Golub, A.** (2004). The big bus trap: what formal bus operators could learn from the informal sector. In: *Proceedings of CODATU XI: Urban Transport in Developing Countries*, Paris, 2004. <http://trid.trb.org/view.aspx?id=900165>

Golub, A. & Ferreira, E. (2004). The formal bus sector response to informality: the case of Rio de Janeiro, Brazil. In: *Proceedings of XIII Pan-American Conference of Traffic and Transportation Engineering*, New York, 2004.

Schipper, L. & **Golub, A.** (2003). Transportation and environment in Mexico City: Reviving a bus system or giving in to the Auto? In: *Proceedings of the ECEEE Summer Study on Energy Conservation*. Stockholm: European Council for an Energy Efficient Economy, 2003. http://www.eceee.org/conference_proceedings/eceee/2003c/Panel_3/3031schipper

Fulton, L., Hardy, J., Schipper, L. & **Golub, A.** (2003). *Bus Systems for the Future: Achieving Sustainable Transport Worldwide*. International Energy Agency, Paris. http://www.oecd-ilibrary.org/energy/bus-systems-for-the-future_9789264177451-en

Golub, A. & Hook, W. (2003). Sao Paulo's bus reform leads to turmoil. *Sustainable Transportation* 15. http://www.itdp.org/documents/st_magazine/ITDP-st_magazine-15.pdf

Golub, A. (1999). The Auto Drives the Growth Machine. *Progressive Planning: The Magazine of Planners Network*. Fall, 1999. http://www.plannersnetwork.org/publications/1999_137/golub.htm

Golub, A. (1999). Brazil starts to take bicycling seriously. *Sustainable Transportation* 10. http://www.itdp.org/documents/st_magazine/ITDP-st_magazine-10.pdf

Book Reviews

Golub, A. (2014) Book Review: The Transportation Experience, Second Edition by William Garrison and David Levinson. *Journal Planning Literature* 29(4). <http://dx.doi.org/10.1177/0885412214554360>

Encyclopedia Entries

Golub, A. (2010). Buses. In: Button, K., Vega, H., & Nijkamp, P. (Eds.) *A Dictionary of Transport Analysis*. Edward Elgar, Cheltenham. (ISBN: 9781843763758) http://www.e-elgar.com/bookentry_main.lasso?id=3078

Golub, A. (2010). Sustainable Transportation. In: Button, K., Vega, H., & Nijkamp, P. (Eds.) *A Dictionary of Transport Analysis*. Edward Elgar, Cheltenham. (ISBN: 9781843763758) http://www.e-elgar.com/bookentry_main.lasso?id=3078

Ferreira, E. & **Golub, A.** (2003). Sustainable Transportation Balances Economic Viability, Environmental Impacts and Social Equity: The Case of Bogotá, Colombia. In: Sassen, S., & Marcotullio, P., (Eds.), *Human Resource System Challenge VII: Human Settlement Development*. In: *Encyclopedia of Life Support Systems (EOLSS)*. UNESCO, Eolss Publishers, Oxford, UK. <http://www.eolss.net/Sample-Chapters/C14/E1-18-07-04.pdf>

Project and Consulting Reports

Wei, R., **Golub, A.**, Wang, L & Cova, T. (2018). Evaluating and Enhancing Public Transit Systems for Operational Efficiency and Access Equity. Final Report. <https://trec.pdx.edu/research/project/1024>

Golub, A., Satterfield, V., Serritella, M. & Singh, J. (2018) Community-based Assessment of Transportation Needs to inform City of Portland Smart Cities Plan. Final Report. <https://trec.pdx.edu/research/project/1163>

Williams, K. & **Golub, A.** (2017) Evaluating the Distributional Effects of Regional Transportation Plans and Projects. Final Report. <https://trec.pdx.edu/research/project/862>

Bates, L., **Golub, A.**, Sung, S., & Macarthur, D. (2017) Planning ahead for livable communities along the Powell-Division BRT: neighborhood conditions and change. Final Report. <https://trec.pdx.edu/research/project/912>

Lopez, O., **Golub, A.**, Brochard, D., Gates, J., Giffin, A., Moore, E., Moore, M., Phillips, N., Franz, J., & Riley, A. (2016). A Proposal to Reduce Fares for Low-Income Riders. <http://www.opalpdx.org/wp-content/uploads/2016/08/LIFE-Report-Final.pdf>

Kuby, M., **Golub, A.**, Monk, S. & Messina, M. (2014) Bicycle Network Connectivity Project for SRP Service Area. Report to Salt River Project. <http://www.public.asu.edu/~mikekuby/BikeNetworkConnectivity/>

Golub, A., Zingoni, M., *Stanley, B., *Warman, W., *Solari, C., & *Navarro, H. (2012). *Retrofitting the Cul-de-Sac in Suburban Arizona: A design intervention towards sustainable urban development - Project Report*. Phoenix Urban Research Lab, Arizona State University.

Golub, A., Guhathakurta, S. & *Sollapuram, B. (2011). *Light Rail Economic Impact Analysis - Final Report*. School of Geographical Sciences and Urban Planning, Arizona State University. http://www.public.asu.edu/~agolub1/WP/LRT_Impact_Analysis_Task1_Final_Report_ASU_MAG.pdf

*Kelley, J. & **Golub, A.** (2011). *The Impact of Congestion Pricing for Greenhouse Gas Abatement on Low-Income Communities - Final Report*. Urban Habitat Program, Oakland, CA.

Kuby, M. & **Golub, A.** (Eds.). (2009). *From Here to There: Transportation Opportunities for Arizona*. Background Report for 94th Arizona Town Hall. http://www.aztownhall.org/pdf/94th_Background_Report2.pdf

Golub, A. (2009). Metropolitan Transportation and Land-Use Planning. In: Kuby, M. & **Golub, A.** (Eds.), *From Here to There: Transportation Opportunities for Arizona*. Background Report for 94th Arizona Town Hall. http://www.aztownhall.org/pdf/94th_Background_Report2.pdf

Golub, A., Kuby, M., & *Kelley, J. (2009). Introduction. In: Kuby, M. & **Golub, A.** (Eds.), *From Here to There: Transportation Opportunities for Arizona*. Background Report for 94th Arizona Town Hall. http://www.aztownhall.org/pdf/94th_Background_Report2.pdf

Miller, M., & **Golub, A.** (2010). *Development of Bus Rapid Transit Performance Assessment Guide Tool*. California Partners for Advanced Transit and Highways (PATH) Research Report UCB-ITS-PRR-2010-37. <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2010/PRR-2010-37.pdf>

Robinson, G., **Golub, A.**, Buckley, T., Nee, B., Hailu, Y & Grinshaw, J. (2008). *Environmental Justice and Transportation Toolkit, Volume 2*. Report to Federal Transit Administration, Office of Civil Rights. <http://ejkit.com/the-toolkit/ej-toolkit/ej-toolkit-volume-2>

Golub, A. (2008). *Quality of Life Study of the 7th Avenue and 7th Street Reversible Lanes*. (Various documents). School of Planning and Phoenix Urban Research Laboratory, ASU.

Chambers, C. & **Golub, A.** (2007). *Sacramento Long Range Transit Plan: Long range revenue and service projections* (Various documents). Sacramento Area Council of Governments.

Mark, M., Tan, C.-W., **Golub, A.**, Hickman, M., Lau, P., & Zhang, W.-B. (2006). *Development of Deployment Strategy for an Integrated BRT System*. California Partners for Advanced Transit and Highways (PATH) Research Report UCB-ITS-PRR-2006-9. <http://www.path.berkeley.edu/PATH/Publications/PDF/PRR/2006/PRR-2006-09.pdf>

Midgley, P. & **Golub, A.** (2005). *Sustainable Transport Learning Program* (On-line course). World Bank, Clean Air Initiative, Latin American and Caribbean.

Golub, A. (2004). *Asesorar la Contratación Del Plan Aire Para la Ciudad de Bogotá - Informe Final* (Advisement for the Contraction of the Air Quality Management Plan for the City of Bogota – Final Report). Departamento Técnico Administrativo del Medio Ambiente de Bogotá.

Peres, L.A.P., Torres, G. L., Horta Nogueira, L. A., & **Golub, A.** (2000). *Discussão e Estimativa das Emissões Indiretas Provocadas Pelos Veículos a Gasolina na Bacia Aérea III da Região Metropolitana do Rio de Janeiro.* (Discussion and Estimation of Indirect Emissions from Gasoline Vehicles in the Air Basin III of the Rio de Janeiro Metropolitan Area).
<http://www.cbmet.com/cbm-files/12-f8dcd45f08ae85bcac0df6a5021c70d9.pdf>

Academic Conference and Professional Presentations

[All presentations listed here are podium or panel presentations unless otherwise noted. Graduate student co-authors are noted with an asterisk.]

Annual Conference of the Transportation Research Board (TRB), Washington, D.C.

Golub, A., Satterfield, V., Serritella, M. & Singh, J. (2019) “An Equity Assessment of Smart Mobility Systems In Portland, Oregon.”

Karner, A. & **Golub, A.** (2018) “Assessing the Equity Impacts of a Transportation Improvement Program”

Marcantonio, R., **Golub, A.**, Karner, A., & Nelson Dyble, L. (2018) “Realizing the Potential of Equity Analyses of Regional Transportation Plans: Law, Practice, and Proposals for Reform”

Zhong, Q., Karner, A., Kuby, M. & **Golub, A.** (2017) “A multiobjective optimization model for locating affordable housing investments while maximizing accessibility to jobs by public transportation”

Karner, A., **Golub, A.**, & Chavis, C. (2017) “Assessing regional disparities in public transit performance with archived GTFS-realtime data”

Karner, A., Kuby, M. & **Golub, A.** (2016) “Modeling Route-Level Transit Ridership Demographics for Use in Equity Analysis.”

Karner, A. & **Golub, A.** (2015) “Comparing two common approaches to public transit service equity evaluation”

Golub, A. & Martens, K. (2014).”Using Principles of Justice to Assess the Modal Equity of Regional Transportation Plans.” (Poster)

*Seo, K., **Golub, A.** & Kuby, M. (2014). Combined Impacts of Highways and Light-Rail Transit on Residential Property Values: Hedonic Price Model for Phoenix, Arizona.”

Golub, A. (2013). “Leveraging Climate Adaptation for Health Mobility and Affordability in Phoenix, Arizona.” Presentation in workshop titled: Effective Practices and Challenges for

Sustainable Communities Planning Funding Grantees to Promote Health, Community Engagement, and Equity in Planning and Project Implementation.”

Martens, K. & **Golub, A.** (2012). “Accessibility Measures and Equity: A Philosophical Exploration.”

Golub, A., Sanchez, T. & Marcantonio, R. (2012). “Race, Space and the Struggle for Mobility in the East Bay: The Historical Context of Darensburg v. the Metropolitan Transportation Commission and the Oakland Airport Connector Complaint.”

Golub, A., Guhathakurta, S., & *Sollapuram, B. (2012). “Spatial and temporal capitalization effects of light rail in Phoenix: from conception, planning, and construction to operation.”

Golub, A. Zhen, F., Clark, N., Wayne, W., Schiavone, J., Chambers, C. & Chandler, K. (2011). “Creation of a Transit Bus Life-Cycle Cost Tool to Evaluate Hybrid-Electric Bus Technologies in Real World Operation.”

Martens, K., **Golub, A.** & Robinson, G. (2011). “Fair Distribution of Transportation Benefits: Interpreting Title VI for Transportation Investment Programs.”

Miller, M & **Golub, A.** (2011). “The Bus Rapid Transit Performance Assessment Guidebook: A Decision-Support Tool for Bus Rapid Transit Implementers.” (Poster)

Golub, A. & *Kelley, J. (2010). “Exploring potential inequities between the burdens and benefits of climate change abatement policies in the transportation sector.”

Golub, A. (2010). “Local accessibility versus regional mobility: A community debates the fate of arterial reversible lanes in Phoenix, Arizona.”

*Syed, S., **Golub, A.**, & Deakin, E. (2009). “Regional rail park-and-ride users’ response to parking price changes: system-wide results and detailed study of two stations.”

Robinson, G. & **Golub, A.** (2009). “Progress Report: Transportation Justice Toolkit.”

Golub, A. & Miller, M. (2007). “A Decision-Support Tool for Bus Rapid Transit Systems Deployment.”

Golub, A., *Valentin, T. & Deakin, E. (2006). “A Survey of Users and Uses of Regional Express Buses in the San Francisco Bay Area.”

Nuworsoo, C., Deakin, E. & **Golub, A.** (2006). “Analyzing Equity Impacts of Transit Fare Changes: Case Study of Alameda-Contra Costa Transit, California.”

Deakin, E., *Shirgaokar, M., Nuworsoo, C., **Golub, A.**, Finney, J., Lew, W., Frank, B., *Cherry, C., *Higgins, N., *Valentin, T., *Rubin, E., *Parks, K., *Ng, W. & *Wong, D. (2006). “System Plan for Bay Area Regional Express Bus Service”

Golub, A. (2001). “Urban Transportation in Rio de Janeiro.”

Annual Meeting of the Association of Collegiate Schools of Planning

Bernstein, J., Goddard, T., **Golub, A.** and Lugo, A. (2016) Roundtable – bicycle justice and urban transformation: biking for all? Portland, November, 2016.

Golub, A. (2014). Challenges and Opportunities in Using Remotely Sensed Data in Urban Environmental Planning for Climate Adaptation. Philadelphia, November, 2014.

*Karner, A. & **Golub, A.** (2014). Towards Equitable Public Transit Decision Making. Philadelphia, November, 2014.

*Zhang, E., **Golub, A.** & Kamel, N. (2014). Impact of Federal Community Development Policy: Evidence from Forty Years of Neighborhood Revitalization Programs in Phoenix, Arizona. Philadelphia, November, 2014.

Golub, A. (2012). “Reassessing automobile dependence in a post-Fordist world: Implications for sustainable transportation.” Cincinnati, November, 2012.

Golub, A. & Kamel, N. (2011). “Examining Fordist and Postfordist Formulations of the Right to the City Concept.” Salt Lake City, October, 2011.

Golub, A. (2010). “Ongoing Transportation Justice Advocacy in the East Bay of the San Francisco Bay Area.” Minneapolis, October, 2010.

Golub, A. & Deakin, E. (2005). “A Tale of Two Users: Express Bus Users in the San Francisco Bay Area.” Kansas City, October, 2005.

Other Conferences - International

*Ferro, P. S., Behrens, R. & **Golub, A.** (2012). “Planned and paratransit service integration through trunk and feeder arrangements: an international review.” Presentation at the 31st Annual Southern African Transport Conference, Pretoria, South Africa, July, 2012.
<http://repository.up.ac.za/handle/2263/20419>

Golub, A. & Kamel, N. (2011). “Dissecting the Fordist and Post-Fordist City as Objects to Claim: Reflections on the ‘Right to the City.’” Presentation at the Conference of the Research Committee 21 (RC21) on Sociology of Urban and Regional Development of the International Sociological Association, Amsterdam, the Netherlands, July, 2011.

Golub, A. (2007). “Explaining Automobile Dependence in the United States: Financial and Industrial Concentration and Demand Management.” Presentation at the World Conference on Transportation Research, Berkeley, California. June, 2007.

Golub, A., Balassiano, R., Araújo, A. & Ferreira, E. (2005). “Welfare Analysis of Regulating the Informal Transport Sector in Rio de Janeiro.” Presentation at the Annual Conference of the Associação Nacional de Pesquisa e Ensino em Transportes (National Association of Transportation Teaching and Research of Brazil) in Recife, Brazil, November, 2005.

Golub, A. (2005). “Estimating the benefits of regulating informal transit services in Brazil.” Presentation at Thredbo, the International Conference on Competition and Ownership in Land Passenger Transportation. 9th conference, Lisbon, Portugal, September, 2005.

Golub, A. & Ghoniem, A. (1999). “Modeling NO_x Formation in a Small Bore, Lean Natural Gas, Spark Ignition Engine,” Presentation at the Society of Automotive Engineering International Fuels & Lubricants Meeting & Exposition, Session: Modeling in SI Engines, Toronto, October, 1999.

Other Conferences - National

Williams, K., **Golub, A.**, Cho, G. (2017) “Equity in Regional Transportation Planning.” Presentation at the Annual Conference of the American Planning Association.

Golub, A. & Karner, A. (2016) “Observations from the Rise of a Regional Transportation Justice Coalition in the San Francisco Bay Area, 1998 – 2014.” Presentation at the Annual Conference of the Urban Affairs Association, San Diego, March, 2016.

*Zhang, Y., **Golub, A.**, & Kamel, N. (2015) “Impact of Federal Community Development Policy: Evidence from Forty Years of Neighborhood Revitalization Programs in Phoenix, AZ.” Presentation at the Annual Conference of the Urban Affairs Association, Miami, April, 2015.

Bratman, E. & **Golub, A.** (2015) “The Suburbanization of Central Cities – Who benefits from safe streets?” Presentation at the Annual Conference of the Urban Affairs Association, Miami, April, 2015.

Golub, A. & Kamel, N. (2011). “Reflections on the Right to the City.” Presentation at the Planners Network Conference, Memphis, May, 2011.

Golub, A., Robinson, G., & Nee, B. (2010). “Making Accessibility Analyses Accessible: A Prototype Web-Based Accessibility Analysis Tool for Regional Transportation Plans.” Presentation at the North American Regional Science Conference, Denver, November, 2010.

Martens, K. & **Golub, A.** (2010). “A justice-theoretic exploration of accessibility measures.” Presentation at the North American Regional Science Conference, Denver, November, 2010.

Golub, A. (2007). “Understanding Automobile Dependence in the United States: Urban Development under Monopoly Capitalism.” Presentation at the Annual Conference of Pacific Coast Geographers, October, 2007.

Golub, A., Richard, S., Sequeira, H.B. & Nagle, D. (1992). “High-Temperature Measurement of ϵ_r and μ_r of Superionic Materials” in Proceedings of the 1992 Measurement Science Conference, Anaheim, CA: Measurement Science Conference, 1992.

Invited Presentations

“Civil Rights and Environmental Justice in Regional Transportation Planning: A Path to Regional Equity?” Invited lecture: Fordham Urban Law Journal’s annual Cooper-Walsh Colloquium, New York, New York. October, 2016. <http://urbanlawjournal.com/getting-there-from-here-a-conversation-about-regional-transportation/>

“Social Justice in Long Range Transportation Planning: Theory and Evaluation.” DCRP Lecture Series - University of California, Berkeley. October 19, 2015. <https://ced.berkeley.edu/events-media/events/dcrp-lecture-aaron-golub>

“Innovaciones Globales en el Sistema de Operaciones y Planificación de Autobuses.” Keynote Presentation, CITrans - Congreso Infraestructura de Transporte, University of Costa Rica, San José, Costa Rica, August, 2015.

“Transportation Justice – From Theory to Practice.” Guest seminar: School of Landscape Architecture and Planning, University of Arizona, Tucson, March, 2015

“Equity Impacts of Road Pricing.” Presentation to the Boards and Commissions Leadership Institute of the Urban Habitat Program. Oakland, November, 2011.

“Potential social equity issues arising from climate change abatement measures in the transport sector.” Guest seminar: Center for Transport Studies, Faculty of Engineering and the Built Environment. University of Cape Town, South Africa. October, 2010.

“The role of transport in sustainable development.” Guest seminar: Center for Transport Studies, Faculty of Engineering and the Built Environment. University of Cape Town, South Africa. September, 2009.

“Innovations in Bogotá, Colombia.” The Meeting of the Minds Conference. Oakland, California, September, 2007.

“Regulación de Concesiones de Operadores de Pequeña Escala.” (Regulation of Small-Scale Concessions) Diálogo Regional en Transporte Urbano - Región Andina. (Regional Dialog on Urban Transport in the Andean Region) Convened by the Inter-American Development Bank and CODATU (Cooperation for urban mobility in the developing world). Quito, Ecuador, December, 2005.

“Mobilidade Urbana – A Experiência de Londres, Bogotá, Rio De Janeiro, São Paulo” (Urban Mobility – the Experience of London, Bogotá, Rio De Janeiro, and São Paulo). Center of Studies in Transportation and the Environment (Cetrama) of the Engineering School of the Federal University of Bahia. Salvador, Bahia, Brazil. November, 2003.

Local Presentations

Satterfield, V & **Golub, A.** (2018) Friday Transportation Seminar: Barriers to “New Mobility”: A Community-Informed Approach to Smart Cities Technology. TREC Friday Transportation Seminar Series, Sept 28, 2018. <https://trec.pdx.edu/events/professional-development/friday-transportation-seminar-09282018>

Golub, A. (2018) Equity in Active Transportation: Innovative Performance Measures. Oregon Active Transportation Summit, March 15, 2018. <https://www.thestreettrust.org/2018-at-summit-program-day-1/>

Hernandez, M., Cho, G., & **Golub, A.** (2017) Measuring equity initiatives in transportation planning. Transportation Research and Education Center at PSU, Transportation and Communities Summit. September 11, 2017.

Bates, L., **Golub, A.**, Lugo, A., & Tetteh, M. (2016) “Putting equity into multimodal transportation planning” Transportation Research and Education Center at PSU, Transportation and Communities Summit. September 9, 2016.

Golub, A. (2016) “Incorporating social equity into regional planning and project development.” PSU Sustainability Accelerator: "New Thinking for a New Era" A Symposium on Transportation Investment Decision-making. September 22, 2016. <http://www.pdx.edu/sustainability-accelerator/events/symposium>

Golub, A. (2015). “Examining the right to bicycle: Synergies and tensions between human rights, civil rights, and planning for cycling.” TREC Friday Transportation Seminar Series, October 30, 2015.

Ericson, J., **Golub, A.**, and Mulvin, E. (2014) Downtown Devils Panel Discussion: “The Future of the Taxi and Rideshare Industry.” <http://downtowndevil.com/2014/11/19/64427/phoenix-future-rideshare-transportation-discussion/>

Golub, A. and Melnychenko, M. (2014) Local Transportation Issues Panel. Valley Leadership Institute, Class 36.

Golub, A. (2013). “Leveraging Climate Adaptation for Accessibility and Affordability in Phoenix, Arizona.” Healthy Lifestyles Research Center Seminar Series, School of Nutrition and Health Promotion, ASU. March 28, 2013.

Golub, A. (2013). “Addressing high temperatures in transit-oriented development planning in Phoenix.” Monthly Meeting, Central Arizona-Phoenix Long Term Ecological Research Center, ASU. March 20, 2013.

Golub, A., Melnychenko, M. and Muench, S. (2013) Downtown Devils Panel Discussion: “Bridging the Lines - Transit Connectivity in a Major Metropolis.” <http://downtowndevil.com/2013/11/27/51681/downtown-devil-discussions-transportation-phoenix/>

Golub, A. & Coleman, G. (2012). “Moving in the Nano City: What Will the Impact Be?” Science Café Discussion at Phoenix Science Center, Center for Nanotechnology in Society, ASU. <http://sustainability.asu.edu/events/rsvp/nano-city-golub>

Golub, A. & Zingoni, M. (2012). “Retrofitting Suburbs: Re-visioning the Cul-de-Sac” Retrofitting Sprawl Symposium. Phoenix Urban Research Laboratory, Phoenix, AZ.

Golub, A., *Song, Y., *Ramani, S., & *Ahmad, O. (2012). “Transportation and Climate Change: Exploring the Connections.” 61st Arizona Conference on Roads & Streets. Tucson, AZ.

*Machler, L., **Golub, A.** & Wiek, A. (2010). “Using a ‘Sustainable Solution Space’ approach to develop a vision of sustainable accessibility in a low-income community in Phoenix, Arizona.” Presented at: First International Symposium on Advances in Transport Sustainability. Tempe, November, 2010.

Media Coverage and Interviews

Van Wing, Sage & Frost, Allison. “TriMet Ridership.” Think Out Loud, Oregon Public Broadcasting, January 4, 2018. <https://www.opb.org/radio/programs/thinkoutloud/segment/jeff-sessions-cannabis-trimet-ridership-osu-uo-pdx/>

- Bortman, T. & Raab, A. (2016). The Bike Show on KBOO Portland Community Radio. Oct 7, 2016 edition: The Bike Show Goes Collegiate! (My interview starts at 36:34)
<https://portlandtransport.com/archives/2016/10/kboo-bike-show-education-justice.html>
- Njus, E. (2016). “How did commuters avoid MAX disruptions? Mostly, they didn’t.” The Oregonian, May 20, 2016
http://www.oregonlive.com/commuting/index.ssf/2016/05/how_did_commuters_avoid_max_di.html
- Njus, E. (2016). “Amid frequent delays, MAX hits new low for reliability in 2015” The Oregonian, January 9, 2016.
http://www.oregonlive.com/commuting/index.ssf/2016/01/max_trains_reach_a_new_low_for.html
- Barton, E. (2014). “Curbing urban sprawl to make cities more sustainable” ASU News, August 13, 2014. <https://asunews.asu.edu/20140813-curbing-urban-sprawl>
- Scott, E. (2013) “Phoenix seeks ideas on how to make downtown more pedestrian-friendly” The Arizona Republic, February 19, 2013.
- Brodie, M. (2012). “Public transit in Valley might be getting more expensive.” Interview on Phoenix NPR affiliate KJZZ <http://www.kjzz.org/content/1210/public-transit-valley-might-be-getting-more-expensive>
- Goldstein, S. (2012). “Can Phoenix change its ‘car culture’?” Interview on Phoenix NPR affiliate KJZZ (at minute 12) <http://www.kjzz.org/content/1209/can-phoenix-change-its-car-culture>
- Golub, A.** & Zingoni, M. (2011). “Retrofitting Suburbs: Re-visioning the Cul-de-Sac” featured on National Public Radio in two radio interviews on November 29 and December 5.
http://geoplan.asu.edu/retrofitting_suburbs
- Golub, A.** (2008). “Now is the time to stop building freeways.” The Arizona Republic, August 22, 2008.
- Newton, C. (2008). “Study critical of reversible lane corridors.” The Arizona Republic, August 3, 2008.
- Zusel, Y. (2008). “Commuters segue from four wheels.” Phoenix Business Journal, August 3, 2008.
- Hennigan, W. & Hoover, K. (2007). “Brookings initiative could bring more money to Phoenix, other metros.” Phoenix Business Journal, November 19, 2007.
- Golub, A.** (2006). “Sparing ourselves pollution solutions.” San Francisco Chronicle, Open Forum. Friday, July 28, 2006.

Funded Research Grants

Applying an Equity Lens to Automated Payment Solutions for Public Transportation. National Institute for Transportation and Communities. \$150,000. Dates: January, 2019 to June, 2020.
 Role: PI <https://nitc.trec.pdx.edu/research/project/1268>

An Electric Bus Deployment Framework for Improved Air Quality and Transit Operational Efficiency. National Institute for Transportation and Communities. \$150,000. Dates: June, 2018 to October, 2019. Role: Co-PI <https://trec.pdx.edu/research/project/1222>

Addressing Changing Demographics in Environmental Justice Analysis, State of the Practice. Federal Highway Administration. (Partnering with ICF Inc.). \$83,999. Dates: December, 2017 to December, 2018. Role: PI.

Community-based Assessment of Transportation Needs to inform City of Portland Smart Cities Plan. National Institute for Transportation and Communities. \$10,028. Dates: May, 2017 to May, 2018. Role: PI <https://trec.pdx.edu/research/project/1163>

Social-Transportation Analytic Toolbox (STAT) for Transit Networks. National Institute for Transportation and Communities. \$175,000. Dates: August, 2017 to December, 2018. Role: Co-PI <https://trec.pdx.edu/research/project/1080>

Evaluating and Enhancing Public Transit Systems for Operational Efficiency, Service Quality and Access Equity. National Institute for Transportation and Communities. \$121,000. Dates: August, 2016 to December, 2017. Role: Co-PI <https://trec.pdx.edu/research/project/1024>

Integrating Title VI and Equitable Investment in Transportation Alternatives into the MPO Transportation Planning Process. National Institute for Transportation and Communities. \$150,000. Dates: August, 2015 to December, 2016. Role: Co-PI <https://nitc.trec.pdx.edu/research/project/862>

Planning ahead for livable communities along the Powell-Division BRT: neighborhood conditions and change. National Institute for Transportation and Communities. \$63,951. Dates: August, 2015 to December, 2016. Role: Co-PI <https://trec.pdx.edu/research/project/912>

Integrating Paratransit and BRT in the Developing World: Global Metropolitan Case Studies and User Perspectives. Volvo Research and Education Foundation. \$211,000. Dates: July 2014 to July 2016. Role: Team member.

Development and Testing of Paratransit Regulatory and Operational Alternatives. Volvo Research and Education Foundation. \$185,000. Dates: July 2014 to July 2016. Role: Team member.

Understanding Regional Disparities in Public Transit Performance Using Real-time Transit Data. National Transportation Center at the University of Maryland. Amount: \$24,210. Dates: May 2015 to May 2016. Role: Co-PI.

Lessons learned from 20 years of neighborhood revitalization programs in Phoenix, Arizona. College of Liberal Arts and Sciences, Seed Funding (Internal to ASU). Amount: \$47,504. Dates: January, 2014 to December, 2014. Role: PI.

Salt River Project Improved Valley Bicycle Network Planning and Coordination. Salt River Project. Amount: \$43,000. Dates: January, 2014 to May, 2014. Role: Co-PI.

Reinvent Phoenix: Cultivating Equity, Engagement, Economic Development and Design Excellence with TOD. U.S. Department of Housing and Urban Development, Sustainable Communities Grant. Amount: \$587,000. Dates: May, 2012 to December, 2014. Role: Co-PI

Comparative and Quasi-Experimental Research on Public Participation within a Transformative Sustainability Science Paradigm. Global Institute of Sustainability internal grant program: Advancing GIOS's Strategic Research Agenda. (Internal to ASU). Amount: \$21,924. Dates: May, 2012 to June, 2014. Role: Co-PI

Retrofitting Sprawl Demonstration Project – Rethinking the Cul-de-Sac. Phoenix Urban Research Laboratory (Internal to ASU). Amount: \$12,000. Dates: May, 2011 to May, 2012. Role: Co-PI

The impact of congestion pricing on low-income communities. Urban Habitat Program, Oakland, California. Amount: \$19,740. Dates: September, 2009 to June, 2011. Role: PI

Phoenix Light Rail Economic Impact Assessment. Maricopa Association of Governments. Amount: \$24,000. Dates: March, 2009 to April, 2011. Role: PI

GK-12: Sustainability Science for Sustainable Schools. National Science Foundation. Amount: \$2.99M, Dates: 2008 to 2013. Role: Co-PI (with 10 others).

Quality of Life Study of 7th Avenue and 7th Street Reversible Lanes. City of Phoenix. Amount: \$114,000; Dates: September, 2007 to December, 2009, Role: PI

Vehicle-Infrastructure Integration Pilot Project. Maricopa County DOT/ Arizona DOT. Amount: \$43,000; Dates: December, 2007 to December 2008, Role: Co-PI

Automatic Vehicle Location for Maintenance Work Effort Tracking. Arizona DOT. Amount: \$25,000; Dates: January, 2008 to July, 2008, Role: PI

Environmental Justice in Transportation Toolkit, Accessibility Calculator. Federal Transit Administration Transportation Equity Research Program (TERP), Sub-agreement Amount to the Urban Habitat Program. \$10,000 (annual, renewable); Dates: January, 2007 to December, 2011, Role: Urban Habitat Program Team Leader

TCRP Project C-15: Assessment of Hybrid-Electric Transit Bus Technology, Transit Cooperative Research Program, Total Amount: \$300,000; Dates: January 2005 to August, 2008, Role: Team member

TEACHING

Portland State University (2015 to Present)

Spring, 2018

USP510: Public Transit Planning (graduate) (9 students)

USP 414/514; Transportation Seminar (graduate/undergraduate) (11 students)

Fall, 2017

USP 456/556 Urban Transportation Policy and Problems (graduate/undergraduate) (15 students)

Spring, 2017

USP510: Public Transit Planning (graduate) (12 students)

USP 456/556 Urban Transportation Policy and Problems (graduate/undergraduate) (15 students)

Winter, 2017

USP 535 Planning Methods II (graduate) (32 students)

Fall, 2016

USP544 Urban transportation planning (graduate) (13 students)

USP399 Environmental justice (undergraduate) (14 students)

Summer, 2016

USP 410-510 Sustainable transportation in the Netherlands (13 students)

Spring, 2016

USP510: Public Transit Planning (graduate) (13 students)

USP456/556: Urban Transportation Problems and Policies (graduate/undergraduate) (18 students)

Winter, 2016

USP535: Planning Methods II (graduate) (38 students)

USP583: Transportation Finance (graduate) (6 students)

Arizona State University (2007 to Present)

[My teaching was split between School of Geographical Sciences and Urban Planning (PUP) and the School of Sustainability (SOS).]

Spring, 2015

SOS310: Equity, Justice and Sustainability (undergraduate) (30 students)

PUP580: Planning Capstone Studio – ASU Bike Master Plan (graduate) (21 students)

Fall 2014

SOS310: Equity, Justice and Sustainability (undergraduate) (40 students)

Summer, 2014

Study Abroad “Sustainable Mobility Solutions in the Netherlands” (21 students)

Spring, 2014

PUP550: Transportation and the Environment (graduate) (19 Students)

SOS598/494: Sustainable Mobility Solutions in the Netherlands (graduate/undergraduate) (22 Students)

Fall 2013

SOS510: Perspectives on Sustainability (graduate) (33 Students)

PUP591: Transportation Professional Seminar (graduate) (15 Students)

Spring 2013

PUP550: Transportation and the Environment (graduate) (15 Students)

SOS322: International Development and Sustainability (undergraduate) (79 Students)

Fall 2012

SOS510: Perspectives on Sustainability (graduate) (16 Students)

SOS594: Sustainable Solutions for Phoenix Studio (graduate/undergraduate) (9 Students)

Spring 2012

PUP550: Transportation and the Environment (graduate) (23 Students)
SOS322: International Development and Sustainability (undergraduate) (91 Students)

Spring 2011

PUP550: Transportation and the Environment (graduate) (14 Students)
SOS322: International Development and Sustainability (undergraduate) (68 Students)

Fall 2010

PUP591: Transportation Professional Seminar (graduate) (12 Students)

Spring 2010

PUP550: Transportation and the Environment (graduate) (17 Students)
SOS494/594: Workshop on Economic Justice and Sustainability
(graduate/undergraduate) (22 Students)

Fall 2009

PUP591: Transportation Professional Seminar (graduate) (20 Students)
SOS322: International Development and Sustainability (undergraduate) (66 Students)

Spring 2009

PUP550: Transportation and the Environment (graduate, on-line) (25 Students)
SOS322: International Development and Sustainability (undergraduate) (33 Students)

Fall 2008

SOS598: International Development and Sustainability (graduate) (18 Students)

Spring 2008

PUP430: Transportation and the Environment (undergraduate) (78 Students)
PUP550: Transportation and the Environment (graduate, on-line) (14 Students)

Fall 2007

PUP524: Planning Methods 1 (graduate) (39 Students)
SOS598: International Development and Sustainability (graduate/undergraduate) (26 Students)

Spring 2007

PUP430: Transportation and the Environment (undergraduate) (63 Students)

University of California at Berkeley (2003-2006)

Spring 2004, 2005, and 2006

CE259: Public Transportation Systems (graduate)

Summer 2003

CP114: Introduction to City and Regional Transportation Planning (undergraduate)

Center for Transport Studies - University of Cape Town, South Africa

Compressed-format course on Bus Planning and Operations Management
(graduate/practitioners) (Taught in 2009, 2010, 2011, 2012 and 2013)

University of Costa Rica, San Jose, Costa Rica

Compressed-format course on Bus Planning and Operations Management
(graduate/practitioners) (2015)

Young African Leaders Initiative at Morgan State University, Summer 2014.

I led one week of lectures and activities about urban decision making with the African students through the Young African Leaders Initiative, a program of the U.S. Department of State.
<https://youngafricanleaders.state.gov/>

Notable Teaching Outcomes

Finalist for CUPA teaching award for USP (2017-18)

In Spring, 2010, I led a Economic Justice and Sustainability Workshop (SOS494/594) which produced a documentary film called “The Intersection between Justice and Sustainability: Voices and Visions from South Phoenix.” <http://vimeo.com/22301501>

Nominee, College of Liberal Arts and Sciences Teaching Award, 2009-2010.

Advising

Doctoral Dissertations - Chair

PSU:

Katie Conlon (in progress). Title: Waste Management in the Global South: Inquiry on the Social Construction of Materials Flows in Colombo, Sri Lanka.

ASU:

John Harlow, Ph.D. Completed, 2015. School of Sustainability. (Co-Chair) Title: “Populating and Facilitating Urban Sustainability Transition Arenas.”

Omayya Ahmad, Ph.D. Completed, 2015. School of Sustainability. Title: “A Systems Approach to Understanding and Mitigating Barriers to Travel Accessibility and Well-being in the West Bank, Palestine.”

Chukwunonso Emordi, Ph.D. Completed, 2015. School of Sustainability. (Co-Chair) Title: “A complex systems approach to energy poverty in sub-Saharan Africa: Nigeria as a case study.”

Tamara Lawless, Ph.D. Completed, 2013. School of Sustainability. Title: “Harnessing the Impacts of Schools: New Insights for Sustainable Community Development.”

Jason Kelley, Ph.D. Completed, 2013. Environmental Design (Former home of the School of Planning). Title: “Transportation Cordon Pricing in the San Francisco Bay Area: Analyzing Equity Implications for Low-Income Commuters.”

Doctoral Dissertations – Committee Member

PSU:

Huajie Yang. (in progress) Short-term and long-term effect of new transit service on transit ridership and traffic congestion at different geographical levels.

ASU:

Terry Song, Ph.D. Completed, 2018. Relationship between on road FFCO₂ emission and socioeconomic/urban form factors. School of Environmental Life Sciences.

Kiwhan Seo, Ph.D. Completed. 2016. School of Geographical Sciences and Urban Planning.

Robert Cutter, Ph.D. Completed, 2014. School of Sustainability. Committee Member.

Joonwon Joo, Ph.D. Completed, 2008. Environmental Design. Title: “Modeling Sustainable Urban Development by Cellular Automata and Genetic Algorithms.” Committee Member.

Master’s Theses and Applied Projects - Chair

Patricia Garland, Thesis. Completed, 2015. School of Sustainability.

Liyuan Liu, Thesis. Completed, 2014. School of Planning.

Wes Pittman, Applied project. Completed, 2013. School of Planning.

Amy Minowitz, Thesis. Completed, 2013. School of Planning.

Nelson Mandrell, Applied project. Completed, 2013. School of Sustainability. Co-Chair.

Natalia Ramirez, Applied project. Completed, 2013. School of Planning.

Angie Kizor, Thesis. Completed, 2012. School of Planning.

Cavan Noone, Applied project. Completed, 2012. School of Planning.

Daniel Christen, Applied project. Completed, 2011. School of Planning.

Bharath Sollapuram, Thesis. Completed, 2010. School of Planning.

Aaron Redman, Thesis. Completed, 2010. School of Sustainability.

John Harlow, Thesis. Completed, 2010. School of Sustainability.

Leonard Machler, Thesis. Completed, 2010. School of Sustainability.

Gina Macchiaroli, Applied project. Completed, 2009. School of Planning.

Eileen O. Yazzie, Applied project. Completed, 2009. School of Planning.

Derek Partridge, Applied project. Completed, 2009. School of Planning.

Jeff Conkle, Applied project. Completed, 2009. School of Planning.

Master’s Theses and Applied Projects – Committee Member

PSU:

Edgar Bertini Ruas, Thesis in progress, Civil Engineering.

ASU:

Kevin Reyes, Thesis. Completed, 2015, School of Planning.

Amy Minowitz, Thesis. Completed, 2013. School of Sustainability.

Joshua Schmidt, Applied project. Completed, 2013. School of Planning.

Angie Xiong, Applied project. Completed, 2013. School of Sustainability.

Nigel Forrest, Thesis. Completed, 2011. School of Sustainability.

Jessica Acquino, Thesis. Completed, 2008. School of Community Resources.

Pranav Singhal, Applied project. Completed, 2008. School of Planning.

Undergraduate Honors Theses – Chair

Kim Pearson, Completed, 2012. School of Sustainability.

Whitney Rinne, Completed, 2010. School of Planning.

Alex Oreschak, Completed, 2009. School of Planning.

Undergraduate Honors Theses – Committee Member

PSU:

Drew Williamson, Lewis and Clark Honors Program.

ASU:

Catherine Mercado, Completed, 2014. School of Planning.

Frank Trombino, Completed, 2014. School of Sustainability.

Nicole Starr, Completed, 2014. School of Sustainability.

Amelia Celozza, Completed, 2012. Civil Engineering.

Chris Chamberlin, Completed, 2011. Political Science.

Wylie Timmerman, Completed, 2010. Political Science.

Casey Walters, Completed, 2009. W.P. Carey School of Business.

SERVICE

Professional Service

Organization Membership

Member, Developing Countries Committee of the Transportation Research Board (2009 to 2015)

Member, Environmental Justice Committee of the Transportation Research Board (2012 to present)

Member, Editorial Board, Journal of Transport Policy

Member, Editorial Board, Journal of Transport Geography

Member, Executive Committee, The Planners Network

Manuscript and Proposal Review

Paper review chair, Environmental Justice Committee of the Transportation Research Board (2018)

National Science Foundation

Social Sciences and Humanities Research Council of Canada

Journal of Planning Education and Research

Journal of Planning Literature

Transportation Research - Part A: Policy and Practice

Journal of Transport Geography

Journal of the American Planning Association

Journal of Transportation and Land Use

Transport Policy

International Journal of Sustainable Transportation

Urban Geography

Journal of Environmental Justice

MIT Planning Journal

Journal of Construction Engineering and Management
Environmental Practice: Journal of the National Association of Environmental Professionals
Singapore Journal of Tropical Geography
Asia Pacific Viewpoint
UCConnect – Region 9 University Transportation Center (UC Berkeley)

Also - Housing Policy Debate "Outstanding Reviewer" for 2018.
<https://www.tandfonline.com/doi/full/10.1080/10511482.2018.1534401>

Campus Service

Co-Faculty Advisor – Local to Global Justice Teach-in (2008-2015)
<http://www.localtogloball.org/>

Faculty Advisor – Arizona State Cycling Community (2011-2015)

Co-Organizer – Human Rights Film Festival (2011, 2012)

Unit Service

Portland State University - *School of Urban Studies and Planning*

MURP admissions committee (Chair) (2016-17)

Faculty Evaluation Committee (Chair) (2016-17)

MURP admissions committee (Co-Chair) (2015-16)

Faculty Evaluation Committee (Chair) (2015-16)

Arizona State University

School of Planning (Until 2009)

Computer Resources Committee (2008-2009)

Undergraduate Committee (2007-2009)

School of Geographical Sciences and Urban Planning (After 2009)

Undergraduate Committee (2014-2015)

Personnel Committee (2014-2015)

Computer Resources Committee (2011-2013)

Personnel Committee (2009-2012)

School of Sustainability

Personnel Committee (2014-2015)

Undergraduate Committee (2013–2015)

Problem- and Project-Based Learning Committee (2012-2015)

Personnel Committee (2010-2012)

Graduate Committee (2009-2010)

Faculty Senate Representative (2008-2009)

Local Community Engagement and Service

Participant, Equity work group, Portland Metro 2018 Regional Plan (2015-2018)

Member, Board of Directors, OPAL Environmental Justice Oregon (2/2016 to present)

Commissioner, City of Tempe Transportation Commission (1/2013-6/2015)

Member, Board of Directors, ASU Hillel (11/2009-6/2015)

Member, Board of Directors and Advocacy Director, Tempe Bicycle Action Group (11/2008-11/2012)