

Curriculum Vitae

Arlie Adkins

Associate Professor

School of Landscape Architecture and Planning
College of Architecture, Planning, and Landscape Architecture
The University of Arizona

Chronology of Education

- August 2014 Ph.D., Urban Studies
School of Urban Studies & Planning, Portland State University, Portland, Oregon
Dissertation: Determinants of recent mover travel mode choice
Chair: Jennifer Dill
- May 2009 Master of City Planning
Department of City and Regional Planning, University of California, Berkeley
Thesis: Minimum off-street parking requirements and transit-oriented development
Chair: Robert Cervero
- June 2002 Bachelor of Arts in History
University of Oregon, Clark Honors College, Eugene, Oregon

Academic Appointments

- 2020-present Associate Professor, Urban Planning, College of Architecture, Planning and Landscape Architecture, University of Arizona
- 2014-2020 Assistant Professor, Urban Planning, College of Architecture, Planning and Landscape Architecture, University of Arizona
- 2018-present Assistant Professor, Health Promotion Sciences, Mel & Enid Zuckerman College of Public Health, University of Arizona (joint appointment)
- 2013-2014 Visiting Assistant Professor, Planning, College of Architecture, Planning and Landscape Architecture, University of Arizona

Publications († = graduate student co-author)

Refereed Journal Articles and Book Chapters

1. Iroz-Elardo, N., Adkins, A., and Ingram, M. (2020). Measuring Perceptions of Social Environments for Walking: a Scoping Review of Walkability Surveys. *Health and Place*. Forthcoming
2. Makarewicz, C., Dantzer, P., and Adkins, A. (2020). Another Look at Location Affordability: Understanding the Detailed Effects of Income and Urban Form on Housing and Transportation Expenditures. *Housing Policy Debate*, 1-23.
3. Ingram, M., †Leih, R., and Adkins, A. (2020) Health disparities, transportation equity and complete streets: A case study of a policy development process through the lens of critical race theory. *Journal of Urban Health*. Forthcoming.
4. Adkins, A., †Barillas-Longoria, G., †Nevarez Martinez, D., and Ingram, M. (2019). “Differences in social and physical dimensions of perceived walkability in Mexican American and non-

Hispanic white walking environments in Tucson, Arizona.” *Journal of Transport and Health*, 14, 100585.

5. Makarewicz, C., Adkins, A., Frei, C., and Wennink, A. (2018). “A little bit happy: how performance metrics shortchange pedestrian infrastructure funding.” *Research in Transportation Business & Management*, 29, 144-156.
6. Ingram, M., Adkins, A., †Hansen, K., †Cascio, V., & Sonmez, E. (2017). “Sociocultural perceptions of walkability in Mexican American neighborhoods: implications for policy and practice.” *Journal of Transport and Health*, 7(B), 172-180.
7. Adkins, A., Makarewicz, C., †Scanze, M., Ingram, M., and Luhr, G. (2017). “Contextualizing walkability: differences in built environment associations with walking and physical activity across socioeconomic contexts.” *Journal of the American Planning Association*, 83(3), 296-314.
8. Adkins, A., Pivo, G., and Sanderford, A. (2017). “Location efficiency of affordable housing in the Low-income Housing Tax Credit program.” *Housing Policy Debate*, 27(3), 335-355.
9. Stoker, P., Adkins, A., and Ewing, R. (2017) “Pedestrian safety and public health” in *Walking: Connecting Sustainable Transport with Health*, 211-229. Emerald Publishing.
10. Tremoulet, A., †Dann, R., and Adkins, A. (2016). “Moving to location affordability? Housing choice vouchers and residential relocation in the Portland, Oregon region.” *Housing Policy Debate*, 26(4-5), 692-713.
11. †Goddard, T., Kahn, K., and Adkins, A. (2015). “Racial bias in driver yielding behavior at crosswalks.” *Transportation Research Part F: Traffic Psychology and Behaviour*, 33, 1-6.
12. Adkins, A., Dill, J., Luhr, J., and Neal, M. (2012). “Unpacking Walkability: Testing the Influence of Urban Design Features on Perceptions of Walking Environment Attractiveness.” *Journal of Urban Design*, 17(4), 493–505.
13. Cervero, R., Adkins, A. and Sullivan, C. (2010). “Are suburban TODs over-parked?” *Journal of Public Transportation*, 13(2), 47-70.

Refereed Conference Proceedings.

1. †Landgrave-Serrano, M., Adkins, A., Iroz-Elardo, N., Ingram, M., & †Oden, H. (2019). “Development and testing of a toolkit for collecting qualitative pedestrian environment data.” Proceedings of the Transportation Research Board Annual Meeting.
2. Dill, J., Neal, M., and Adkins, A. (2017). “Perceptions of green streets and their influence on walking.” Proceedings of the Transportation Research Board Annual Meeting.

3. Adkins, A. (2014) “Low-income movers and barriers to the ‘new American Dream.’” Proceedings of the Transportation Research Board Annual Meeting.
4. *Adkins, A., Dill, J., Luhr, G., and Neal, M. (2013). “Testing the influence of urban design features on perceived attractiveness of walking environments.” Proceedings of the Transportation Research Board Annual Meeting.

Published Reports and Professional Papers

1. Kahn, K., Goddard, T., and Adkins, A. (2017). “Racial bias in drivers’ yielding behavior at crosswalks: understanding the effect.” Final report to Transportation Research and Education Center.
2. Tremoulet, A., †Dann, R., Adkins, A. (2016). “Encouraging low-income households to make location efficient housing choices.” Final Report to Transportation Research and Education Center.
3. *Dill, J., Neal, M., Shandas, V., Luhr, G., Adkins, A., and Lund, D. (2010). “Demonstrating the benefits of green streets for active aging.” Final Report to Environmental Protection Agency.
4. *Cervero, R., Adkins, A., and Sullivan, C. (2009). “Are TODs over-parked?” University of California Transportation Center, UCTC Research Paper 882.

Toolkits and Manuals for Practice

1. Adkins, A., Ingram, M., Iroz-Elardo, N., and Landgrave-Serrano, M. (2019). “Qualitative Pedestrian Environments Data (QPED) Toolkit.” Open source community engagement, data collection, and analysis protocols available at qpед.org.

Grants

\$101,839	Understanding connections between mobility, transportation, and quality of life in refugee communities in Tucson, Arizona. National Institute for Transportation and Communities. Co-PI, 2020-2021 (PI: Orhon Myadar)
\$145,650	Is transit-oriented development affordable for low and moderate income households? National Institute for Transportation and Communities. Co-PI, 2019-2021 (PI: Reid Ewing).
\$5,000	<i>The Negro Motorist GreenBook</i> businesses and neighborhoods in Arizona at the intersection of history, heritage conservation, and planning. CAPLA Seed Funding Grant. Co-PI, 2019-2020 (PI: Clare Robinson)
\$38,000	The connection between investments in bus stops, ridership, and ADA accessibility. National Institute for Transportation and Communities. Co-PI, 2018-2020 (PI: Keith Bartholomew)
\$20,000	Is there a "buy local" case for lower travel speeds? Testing differences in driver recognition of local versus national retail at different travel speeds. National Institute for Transportation and Communities Small Starts Grant, Co-PI, 2018-present (PI: Jonathan Bean)

\$167,746	Access to opportunities: redefining planning methods and measures for disadvantaged populations. National Institute for Transportation and Communities, PI, 2017-2019.
\$500,000	NITC University of Arizona Core Activities. National Institute for Transportation and Communities, Managing Co-PI, 2016-2021, PI: Arthur Chris Nelson.
\$400,000	Physical Activity Policy Research Network (PAPRN+) Collaborating Center. Centers for Disease Control and Prevention, Co-PI, 2014-2019 (PI: Scott Carvajal)
\$30,000	Expansion of crosswalk racial bias study. National Institute for Transportation & Communities, Co-Investigator, 2015-2016 (PI: Kimberly Kahn)
\$70,000	Location affordability decisions for movers with Housing Choice Voucher. Consortium of housing authorities from Multnomah, Washington, Clackamas, and Clark Counties, Co-PI, 2013-2015 (PI: Andree Tremoulet).

Awards and Nominations

Arizona Chapter of the American Planning Association, Best Graduate Student Planning Project Award (instructor) for “Tucson Displacement Study,” 2020.

Arizona Chapter of the American Planning Association, Best Student Planning Project Award – Honorable Mention (instructor) for “5-4-3 CHEER! Cobre Valley Framework Plan,” 2019.

Arizona Chapter of the American Planning Association, Best Student Planning Project Award – Honorable Mention (instructor) for “Oro Valley Main Streets,” 2018.

College of Architecture, Planning, and Landscape Architecture nominee for the University of Arizona Henry and Phyllis Koffler Prize for Public Service and Outreach, 2018 [Not awarded]

Arizona Chapter of the American Planning Association, Best Student Planning Project Award – First Place (instructor) for “Livable Streets for Vibrant Communities,” 2017.

Arizona Chapter of the American Planning Association, Best Student Planning Project Award – First Place (instructor) for “La Doce: supporting a naturally occurring cultural district on South 12th Ave,” 2016.

Centers for Disease Control and Prevention (CDC), Excellence in Safety Research for Active Living Award, Active Living Research Conference, 2014

Courses Taught

Transportation and Society, University of Arizona—graduate

Planning Projects (capstone studio), University of Arizona—graduate

Planning History, Theory, and Practice, University of Arizona—graduate

Analytical Methods in Planning, University of Arizona—graduate

Urban Transportation Planning, University of Arizona—graduate/undergraduate

Infrastructure Planning and Finance, University of Arizona—graduate

Comprehensive Planning, University of Arizona—graduate

Transportation Problems and Policy, Portland State University – graduate/undergrad

Planning Methods II (quantitative), Portland State University, co-taught with Jennifer Dill—graduate

Involvement on Graduate Committees

Moses Isiagi, MSc(Med) Exercise Science, University of Cape Town (South Africa), 2019 [examiner]]

Alicia Thompson, DrPH Exam Committee, University of Arizona, 2017

Krista Hansen, Master of Public Health, University of Arizona, 2016

Matthew Lee, Master of Landscape Architecture, University of Arizona, 2016

Yuri Rapp, Master of Landscape Architecture, University of Arizona, 2016

Daniel Aros, Master of Landscape Architecture, University of Arizona, 2015

Selected Media Coverage

“The high cost of bad sidewalks.” Bloomberg City Lab, June 16, 2020.

“Tucson’s pedestrian fatality problem.” Arizona Public Media (long format radio story), November 1, 2019.

“Paving the way for CANAMEX, highway of the future.” Cronkite News Arizona PBS, May 2, 2017.

“When whites just don’t get it, Part 7.” Nicholas Kristoff, *New York Times* (and syndicated), Oct. 1 2016.

“Walking while black” can be dangerous too, study finds.” *The Washington Post*.

“Drivers show signs of racial bias at crosswalks, Initial Study Finds.” *The Huffington Post*.

“Do drivers discriminate against minorities at crosswalks?” *The Atlantic’s City Lab*.

“Rudeness is contagious.” *The Boston Globe*.

“Amerikaanse zwarten moeten langer wachten aan zebrapad dan blanken.” *De Morgen* (Belgium).

“Black people have to wait 32% longer than white people to cross the road.” *Daily Mail* (UK).

Conference Presentations

1. †Jensen, S., Adkins, A., Bartholomew, K., †Kim, J. “An Inventory of Bus Stop Amenities Guidelines at U.S. Transit Agencies.” Transportation Research Board Annual Meeting, Washington, DC, January 2020.
2. †Kim, J., Bartholomew, K., Adkins, A. “The connection between investments in bus stops, ridership, and ADA accessibility.” Transportation Research Board Annual Meeting, Washington, DC, January 2020.
3. Iroz-Elardo, N., Adkins, A., Ingram, M. “Measuring Perceptions of Social Environments for Walking: a Systematic Review of Walkability Surveys.” Transportation Research Board Annual Meeting, Washington, DC, January 2020. [poster]

4. Adkins, A. Panelist for “Smarts Cities for the Rest of Us.” Urbanism Next Conference, Portland, Oregon, May 2019.
5. Adkins, A. Panelist for “Research you can really use” session organized by *JAPA* editors. National Planning Conference, San Francisco, California, April 2019.
6. Ingram, M., Adkins, A., Sonmez, E., Yetman, E., and Iroz-Elardo, N. “The road to complete streets for complete communities: a case study of Tucson, Arizona. Active Living Conference, Charleston, South Carolina, February 2019.
7. Iroz-Elardo, N., Adkins, A., Ingram, M. “The pedestrian environment: evaluating walkability and environmental survey instruments for social context.” Active Living Conference, Charleston, South Carolina, February 2019. [poster]
8. Landgrave-Serrano, M., Adkins, A., Ingram, M., Iroz-Elardo, N. “Development and testing of a toolkit for collecting qualitative pedestrian environments data.” Transportation Research Board Annual Meeting, Washington, DC. January 2019.
9. Adkins, A. Invited Panelist: JAPA/JPER sponsored panel of young scholars giving advice on responding to peer reviewer comments. ACSP Annual Conference, Buffalo, New York. October 2018.
10. Adkins, A. Using experimental methods for planning research [pre-organized panel]. ACSP Annual Conference, Buffalo, New York. October 2018.
11. Adkins, A., Barillas-Longoria, G., and Ingram, M. “Investigating the role of physical and social characteristics of walkability using on-street interviews in Mexican American neighborhoods.” American Public Health Association Annual Meeting, Atlanta, Georgia, November 2017.
12. Ingram, M., Adkins, A., Hansen, K., Cascio, V. and Sonmez, E. “Sociocultural influences on perception of walking in Mexican American Neighborhoods in Tucson, Arizona.” Active Living Research Conference, Clearwater Beach, Florida, February 2017.
13. Adkins A., Luhr, G., Dill, J., and Neal, M. “Do social cohesion and social interaction moderate built environment associations with walking?” Active Living Research Conference, Clearwater Beach, Florida, February 2017.
14. Dill, J., Neal, M., Adkins, A., and Luhr, G. “Perceptions of green streets and their influence on walking.” Transportation Research Board Annual Meeting, Washington, DC, January 2017.
15. Adkins, A., Bates, L., Pivo, G., and Sanderford, A. “Are efforts to promote location efficiency of affordable housing at odds with poverty deconcentration efforts?” Association of Collegiate Schools of Planning Annual Conference, Portland, Oregon, November 2016.
16. Adkins, A. “Policy insights from conversations about walking and walkability in Mexican American neighborhoods in Pima County, Arizona.” Active Living Research Conference, Clearwater Beach, Florida, February 2016.
17. Adkins, A., Sanderford, A. and Pivo, G. “How location-efficient is the Low-Income Housing Tax Credit? Measuring and explaining state-level achievement.” Transportation Research Board Annual Meeting, Washington, DC, January 2016.
18. Adkins, A., Sanderford, A., and Pivo, G. “Location efficiency of affordable housing under the Low-Income Housing Tax Credit program.” Association of Collegiate Schools of Planning (ACSP) Annual Conference, Houston, Texas, October 2015.

19. Dill, J., Neal, M., Adkins, A., and Luhr, G. "Demonstrating the benefits of green streets for active aging." Association of Collegiate Schools of Planning (ACSP) Annual Conference, Houston, Texas, October 2015.
20. Tremoulet, A. and Adkins, A. "In search of location affordable housing: challenges faced by voucher program participants." Association of Collegiate Schools of Planning (ACSP) Annual Conference, Houston, Texas, October 2015.
21. Adkins, A. and Makarewicz, C. "Whose walkability? Do measures of walkability used by planners account for differences in perceptions and experience by income level?" Urban Affairs Association Conference, Miami, Florida, April 2015.
22. Adkins, A. "Built environment and self-selection influences on recent mover non-work travel mode adoption." Association of Collegiate Schools of Planning (ACSP) Annual Conference, Philadelphia, Pennsylvania, October 2014.
23. Adkins, A. "Determinants of recent mover active travel mode adoption." International Congress of Applied Psychology, Paris, France, July 2014.
24. Goddard, T., Adkins, A. and Kahn, K. "Investigating racial bias in driver yielding behavior at crosswalks." International Congress of Applied Psychology, Paris, France. July 2014.
25. Goddard, T., Adkins, A., and Kahn, K. "Racial bias in driver yielding behavior at crosswalks." Active Living Research Annual Conference, San Diego, California, March 2014.
26. Adkins, A. "Low-income movers and barriers to the 'new American Dream.'" Transportation Research Board Annual Meeting. Washington, D.C., January 2014.
27. Adkins, A. "Inaccessible accessibility: are low-income families being priced out of accessible neighborhoods?" Urban Affairs Association Conference, San Francisco, California, April 2013.
28. Adkins, A., Dill, J., Luhr, G., and Neal, M. "Testing the influence of urban design features on perceived attractiveness of walking environments." Transportation Research Board Annual Meeting, Washington, D.C, January 2013 [poster].

Invited Talks, Seminars, Workshops, and Colloquia

1. Adkins, A., Iroz-Elardo, N., Sonmez, E., and Ingram, M. "Qualitative Pedestrian Environments Data (QPED) for better, more equitable transportation decision-making." Active Living Research Conference, Orlando Florida, February 2019. Workshop.
2. Adkins, A., Iroz-Elardo, N., Sonmez, E., and Ingram, M. "Qualitative Pedestrian Environments Data (QPED) for better, more equitable transportation decision-making." Transportation and Communities Summit, Portland, Oregon, September 2019. Workshop.
3. Adkins, A. "Aiming for walkable, inclusive communities." Transportation Research and Education Consortium Webinar. May 2018.
4. Sallis, J. and Adkins, A. "Active living research 101" (conference welcome session). Active Living Research Conference, Clearwater Beach, Florida, February 2016.
5. Adkins, A. "Transportation housing affordability in Portland." WTS Portland Chapter Monthly Luncheon, Portland, Oregon, September 2016.
6. Adkins, A. "Affordable housing as a pre-requisite for a safe, healthy, and equitable urban transportation systems." Portland Bureau of Transportation Equity Forum, January 2016.

7. Adkins, A. “Affordable housing as a prerequisite for a healthy, safe, equitable transportation system.” TREC transportation seminar, Portland, Oregon, October 2015.
8. Adkins, A. “Inaccessible Accessibility: low-income households and barriers to the new American dream.” Department of Geography and Planning, Arizona State University, Tempe, Arizona, October 2013
9. Adkins, A., and Cervero, R. “Parking, Trip Generation and Transit-Oriented Development.” Transportation Demand Management Technology & Innovation Symposium, Los Angeles, California, February 2009.

National Service

Health and Transportation Subcommittee, member, Transportation Research Board, 2017-present

Physical Activity Policy Research Network Plus (PAPRN+), member, 2014-2020

Active Living Research Conference, executive/program committee, member, 2015, 2016, 2019, 2020

Council of University Transportation Centers (CUTC), Student Paper Award Judge, 2018, 2019

CDC’s Physical Activity Branch, paid expert reviewer for “Making Walking a Land Development Policy Focal Point” report, 2017.

CDC’s Physical Activity Branch, paid expert reviewer for “Local Policy Strategies for Increasing Walkability” report, 2017.

National Institute for Transportation and Communities, Executive Committee Member, 2017 to present

Physical Activity Policy Research Network national complete streets working group, co-chair, 2015 to present

Peer reviewer for the following journals: Cities; Environment and Behavior; Environment and Planning B; Housing Policy Debate; Journal of Transport and Health; Journal of Transportation and Land Use; Preventative Medicine; Journal of Planning Education and Research; Travel Behavior and Society

University Service

CAPLA Council of Faculty Members, member, 2018-present

University of Arizona Transportation Research Institute, steering committee, member, 2017-2019

National Institute for Transportation and Communities, liaison to University of Arizona campus-wide transportation research and education community, 2017-present

Community and partnerships workgroup, co-chair, College of Architecture, Planning, and Landscape Architecture (CAPLA) Strategic Plan, 2018-2019

CAPLA East Building Committee, member, 2017-2018

Dean search committee, member, CAPLA, University of Arizona, 2016-2017

M.S. Planning new student orientation committee, chair, 2017-present

MS Planning curriculum coordination committee, member, 2016-present

M.S. Planning Transportation Concentration, founding chair, 2016-present
Planning faculty search committee, member, 2016-2017
Architecture and health faculty search committee, member, 2017-2017
University of Arizona Bicycle and Pedestrian Advisory Committee, member, 2016-2018
CAPLA Curriculum Committee, co-chair 2015-2016
Architecture and urban design faculty search committee, member, 2015-2016
CAPLA Dean's Faculty Advisory Committee, member, 2014-2016
CAPLA Lecture Series Committee, member, 2014-2015

Local Service

Complete Streets Policy Taskforce, member, City of Tucson/Living Streets Alliance, 2018-2019
Complete Streets Equity Committee, member, convened by Living Streets Alliance in advance of Tucson's Complete Streets Policy development, 2017-2018
Tucson/South Tucson "Big Jump" (People for Bikes grant), evaluation consultant, 2017-2018
Pima Association of Governments (PAG), Bicycle & Pedestrian Funding Sub-committee, 2015-2016
Tucson Mayor's Challenge for Safer Streets, Safer People advisory committee, member, 2015