

CAROL ATKINSON-PALOMBO, PHD

University of Connecticut, 215 Glenbrook Road, Storrs, CT, 06268
TEL: 1-860-465-7232; EMAIL: carol.atkinson-palombo@uconn.edu
<https://www.linkedin.com/in/carolatkinsonpalombo/>

AREAS OF SPECIALIZATION

Sustainable Cities, Sustainable Transportation, Transportation Technologies & Society
GIS & Spatial Analysis, Hedonic Modelling, Mixed Methods

EDUCATION

PhD Geography, School of Geographical Sciences, Arizona State University (2007)
MA Economics, New York University (2002)
BA Economics & Politics, New York University (1998)

ACADEMIC APPOINTMENTS

Current

Director, Environmental Studies Program, UConn, 2017—
Associate Professor, Department of Geography, UConn, 2014—
Co-Director, Sustainable Cities Research Group, UConn, 2012—
Co-Director, Transportation Technology & Society Research Group, UConn, 2017—

Elected Positions

Head, Senate University Budget Committee, UConn, 2016-2019
Member, Senate Executive Committee, UConn, 2018-2021
Member, Senate Nominating Committee, UConn, 2018-2020

Legislative Appointments

Member of Executive Committee, Task Force on Autonomous Vehicles, State of Connecticut, 2018-2021

Advisory Board/Steering Committee Membership

Environmental Policy Advisory Board, UConn, 2017—
Environmental Science Program, UConn, 2016—
Masters in Energy & Environmental Management, UConn, 2017—

Affiliations

Faculty, Urban & Community Studies Program

Prior

Assistant Professor, Department of Geography, University of Connecticut, 2007-2014

AWARDS

2019: Environmental Leadership Award, UConn, Office of Sustainability
2017: Excellence and Outstanding Contribution to Real Estate Research, Center for Real Estate & Urban Economics, School of Business, UConn
2016: Faculty Supervisor of Winning Team for *Universitas 21* Competition on Sustainable Housing
2014: Marc Lourgang Best Research Paper Award, American Real Estate Society

JOURNAL ARTICLES

(*Graduate Student; †Undergraduate Student)

1. Atkinson-Palombo, C., L. Varone*, and N.W. Garrick, *Understanding the Surprising and Oversized Use of Ridesourcing Services in Poor Neighborhoods in New York City*, *Transportation Research Record*, 1-10, 2019. DOI: 10.1177/0361198119835809
2. Graziano, M*, M. Fiaschetti, and C. Atkinson-Palombo, *Peer effects in the adoption of solar energy technologies in the United States: An urban case study*. *Energy Research and Social Science*, 2019. **48**: p. 75-84.
3. Luckey, K.S., et al., *Residential preferences, transit accessibility and social equity: insights from the Denver region*. *Journal of Urbanism*, 2018. **11**(2): p. 149-174.
4. Zhang, J.*, et al., *How similar is China's traffic safety pattern to industrialized countries in their early stage of motorization? An analysis of death registration data for large and small/medium cities*. *Journal of Transportation Safety and Security*, 2017. **9**: p. 83-102.
5. Hoen, B. and C. Atkinson-Palombo, *Wind turbines, amenities and disamenities : A study of home value impacts in densely populated Massachusetts*. *Journal of Real Estate Research*, 2017. **38**(4): p. 473-504.
6. Ahangari, H.*, C. Atkinson-Palombo, and N.W. Garrick, *Automobile-dependency as a barrier to vision zero, evidence from the states in the USA*. *Accident Analysis and Prevention*, 2017. **107**: p. 77-85.
7. McCahill, C.T.*, et al., *Effects of parking provision on automobile use in cities: Inferring causality, in Transportation Research Record*. 2016. p. 159-165.
8. Ahangari, H.*, N.W. Garrick, and C. Atkinson-Palombo, *Relationship between human capital and transportation sustainability for the United States and selected European countries, in Transportation Research Record*. 2016. p. 92-101.
9. Fleischmann, C., et al., *Coupling community preferences with hydrologic evaluation of low impact development implementation in an urban watershed*. *Journal of Suburban Sustainability*, 2016. **3** (1), p. 1-28.
10. Ahangari, H.*, C. Atkinson-Palombo, and N.W. Garrick, *Progress towards zero, an international comparison: Improvements in traffic fatality from 1990 to 2010 for different age groups in the USA and 15 of its peers*. *Journal of Safety Research*, 2016. **57**: p. 61-70.
11. Garceau, T.J.*, C. Atkinson-Palombo, and N. Garrick, *Peak car travel in the United States two-decade-long phenomenon at the state level, in Transportation Research Record*. 2015. p. 36-44.
12. Ahangari, H.*, C. Atkinson-Palombo, and N.W. Garrick, *Assessing the Determinants of Changes in Traffic Fatalities in Developed Countries, in Transportation Research Record*. 2015. p. 63-71.
13. McCahill, C.*, et al., *Parking in Urban Centers: Policies, supplies, and implications in six cities, in Transportation Research Record*. 2014. p. 49-56.
14. Garceau, T.*, C. Atkinson-Palombo, and N. Garrick, *Peak travel and the decoupling of vehicle travel from the economy, in Transportation Research Record*. 2014. p. 41-48.
15. Blanc, B.R.†, et al., *Effects of urban fabric changes on real estate property tax revenue : Evidence from six American cities, in Transportation Research Record*. 2014. p. 145-152.
16. Ahangari, H.*, et al., *Investigation into impact of fluctuations in gasoline prices and macroeconomic conditions on road safety in developed countries, in Transportation Research Record*. 2014. p. 48-56.
17. Zheng, J.*, et al., *Guidelines on developing performance metrics for evaluating transportation sustainability*. *Research in Transportation Business and Management*, 2013. **7**: p. 4-13.
18. Garrick, N., C. Atkinson-Palombo, and W. Marshall, *Valuing transportation: Measuring what matters for sustainability*. *Research in Transportation Business and Management*, 2013. **7**: p. 1-3.
19. Garceau, T.*, et al., *Evaluating selected costs of automobile-oriented transportation systems from a sustainability perspective*. *Research in Transportation Business and Management*, 2013. **7**: p. 43-53.
20. Gallagher, P.*, W. Marshall, and C. Atkinson-Palombo, *Missing links, in Transportation Research Record*. 2013. p. 59-65.

21. Bentley, G.C.*, R.G. Cromley, and C. Atkinson-Palombo, *The network interpolation of population for flow modeling using dasymetric mapping*. Geographical Analysis, 2013. **45**(3): p. 307-323.
22. Atkinson-Palombo, C., and M. Gebremichael, *Creating a North-South Learning Organization to Promote Sustainable Water Resource Management in Ethiopia*. Journal of Sustainability Education, 2012. 3.
23. Zheng, J.*, et al., *Quantifying the economic domain of transportation sustainability*, in *Transportation Research Record*. 2011. p. 19-28.
24. Conway-Gómez, K., et al., *Tapping geography's potential for synergy with creative instructional approaches*. Journal of Geography in Higher Education, 2011. **35**(3): p. 409-423.
25. Atkinson-Palombo, C. and M.J. Kuby, *The geography of advance transit-oriented development in metropolitan Phoenix, Arizona, 2000-2007*. Journal of Transport Geography, 2011. **19**(2): p. 189-199.
26. Grineski, S.E., et al., *Children's asthma hospitalizations and relative risk due to nitrogen dioxide (NO₂): Effect modification by race, ethnicity, and insurance status*. Environmental Research, 2010. **110**(2): p. 178-188.
27. Atkinson-Palombo, C., *New housing construction in Phoenix: Evidence of "new suburbanism"?* Cities, 2010. **27**(2): p. 77-86.
28. Atkinson-Palombo, C., *Comparing the capitalisation benefits of light-rail transit and overlay zoning for single-family houses and condos by neighbourhood type in metropolitan phoenix, Arizona*. Urban Studies, 2010. **47**(11): p. 2409-2426.
29. Biggs, R., et al., *Linking futures across scales: A dialog on multiscale scenarios*. Ecology and Society, 2007. **12**(1).
30. Lukinbeal, C., et al., *Mediated Geographies: Critical Pedagogy and Geographic Education*. APCG Yearbook, 2007. **69**, 31-44.
31. Atkinson-Palombo, C.M., J.A. Miller, and R.C. Balling Jr, *Quantifying the ozone "weekend effect" at various locations in Phoenix, Arizona*. Atmospheric Environment, 2006. **40**(39): p. 7644-7658.

In Press/Under Review/In Revision

1. Chacon-Hurtado, D., N.W. Garrick and C. Atkinson-Palombo, *Understanding Ride-Splitting Services in New York City*, Transportation Research Record, Under Review (Submitted 8/1/19).
2. Atkinson-Palombo, C., A. Maher⁺ and N.W. Garrick, *Are People in Transit Deserts Using Uber and Lyft for Commuting? Evidence from New York City's Outer Boroughs*, Transportation Research Record, Under Review (Submitted 8/1/19).
3. Garrick, N.W., Quevreaux⁺ *Driving Today: Safer for People in Cars, More Dangerous for People on Foot?* Transportation Research Record, Under Review (Submitted 8/1/19).
4. Clark, A.V.,⁺ C. Atkinson-Palombo, and N.W. Garrick, *The Rise and Fall of the Segway*, Transfers (In Press).
5. Kello, V.*, N.W. Garrick, and C. Atkinson-Palombo, *The Role of Sustainable Safety in the Decreasing Vulnerability of Cyclists and Pedestrians in the Netherlands Lessons for the United States*, Accident Analysis and Prevention (Submitted: 11/5/18).

BOOK CHAPTERS

The Fiscal and Travel Consequences of Parking Requirements. Chris McCahill, Norman Garrick, and Carol Atkinson-Palombo. *Parking and the City*, Routledge, 2018, Edited by Donald Shoup.

Sustainability Amid Globalization. Atkinson-Palombo, Carol, and Nancy Jones. *Getting Started in Sociology*, 2nd ed. Editor Lisa G. Whittaker, McGraw Hill, pp. 164-174, 2006.

TEXT BOOKS

The City in the Western Tradition, Kendall Hunt, 2010, 2nd ed., Peter J. Halvorson, Ellen Cromley, and Carol Atkinson-Palombo.

SELECTED PUBLISHED CONFERENCE PROCEEDINGS & ABSTRACTS

Walkability Lessons from the Past. Public Square, Congress for New Urbanism Journal.
<https://www.cnu.org/publicsquare/2017/05/24/stubborn-reliance-facts>. Floberg, K.*, N.W. Garrick, and C. Atkinson-Palombo, 2017.

Is Building Bicycling Infrastructure a Path Towards Zero Vision for Traffic Fatality? *Journal of Transport & Health*, 3, S51-S52. <https://doi.org/10.1016/j.jth.2016.05.108h> Ahangari, H.*, N. Garrick & C. Atkinson-Palombo, 2016.

How Race, Ethnicity, Citizenship, and Poverty combine to produce ‘Supervulnerability’ in the Housing Market, Carol Atkinson-Palombo, International Sociological Association, RC43 2013 Conference ‘At Home With the Housing Market’, Centre for Urban Studies, University of Amsterdam, Conference Proceedings, ISBN/EAN:978-90-78862-06-2.

Assessing the balance between storm water and transportation requirements for developed neighborhood low impact development application, J. T. Bushey, C.M. Fleischmann, E.D. Jackson, C. Atkinson-Palombo, Low Impact Development Conference, 2011, Philadelphia.

Sustainable Water Resources Management in Ethiopia Via Transnational Higher Education Partnerships, Carol Atkinson-Palombo, Mekonnen Gebremichael, Jeffrey Osleeb, Michael Accorsi, International Society for Sustainable Development Research, 17th Annual Conference, Columbia University, New York, May 2011.

Beyond Mobility: Measuring Transportation in Terms of Equity, Resiliency, and Economic Efficiency, Jason Zheng, Chris McCahill, Carol Atkinson-Palombo, Norman W. Garrick. International Society for Sustainable Development Research (ISDR) 17th Annual Conference, Columbia University, New York, May 2011. <http://www.isdrs.org/isdrs-nl-issue2-2011.pdf>

Causes and Consequences of Neighborhood-level Variations in Housing Market Foreclosures in Metropolitan Phoenix, Arizona, International Sociological Association Annual Meeting, Gothenburg, Sweden, July 2010.

The role of vegetation, density, and sky-view factor on the microclimate of Tempe, AZ, USA. International Conference on Urban Climatology Preprints, 2006. James A. Miller, Carol Atkinson-Palombo, Donna Hartz, Brent Hedquist.

OTHER PUBLICATIONS

Atlas of Urban Expansion, 2016, <http://www.atlasofurbanexpansion.org/>
Lead Researcher for Springfield, MA.

Greenhouse Gases (Carbon Footprints), Carol Atkinson-Palombo, Encyclopedia of Transportation, SAGE Reference, Editor: Mark Garrett, Golson Media, 2014.

TECHNICAL REPORTS

Impacts of Wind Turbine Proximity on Property Values in Massachusetts, Carol Atkinson-Palombo and Ben Hoen, prepared for the Massachusetts Clean Energy Center (MassCEC), January 2014.

Quantifying Transit-Oriented Development's Potential Contribution to Federal Policy Objectives on Transportation-Housing-Energy Interactions, Carol Atkinson-Palombo and Wesley Marshall. Report CTLS 10-01, for the Center for Transportation & Livable Systems (CTLS), March 2013.

Kick-off Workshop: Ethiopia Institute for Water Resources, EIWR W001, April 19th, 2011, Dereje Hailu, Carol Atkinson-Palombo, Mekonnen Gebremichael.

Assessing the Impact of Light Rail Transit on Land Values and Tax Revenues. Report CTLS 08-01, for the Center for Transportation & Livable Systems (CTLS), Carol Atkinson-Palombo
http://www.ctls.uconn.edu/pdf/CTLS_08-01_Interim_Report.pdf, March 2011.

Lands of Unique Value Study, Town of East Lyme, CT, Peter Minuiti, Cynthia Angelillo* 2010.
Strategic Plan to Build Capacity in Ethiopia in Sustainable Water Resource Management, United States Agency for International Development (USAID) and Higher Education for Development (HED), Mekonnen Gebremichael and Carol Atkinson-Palombo, November 2009.

GRANT ACTIVITY

Current

- *"People's Attitudes Towards Fully Autonomous Vehicles"*, Scholarship Facilitation Fund, UConn, \$2,000. Awarded December 2018.
- *"Participatory Planning for Autonomous Vehicles"*, Kettering Foundation, \$10,000. Awarded: December 2018, Role: Co-PI
- *"Equity, Externalities & Public Policy: Understanding the Surprising and Oversized Use of Ridesourcing Services in Poorer Neighborhoods in NYC"*. Role: Joint-PI, \$120,000 from the US Department of Transportation via CAMMSE (October 2018-December 2019).
- *"What do we want from Autonomous Vehicles?"* Role: Joint-PI, \$120,000 from the US Department of Transportation via CAMMSE (August 2018-July 2019).
- *"Empowering Smart and Connected Communities through Programmable Community Microgrids"*, NSF/ENG/Directorate for Engineering. \$800,000 (Sep 2018-Aug 2021). Role: Co-PI.
- *"Transportation Technology & Society"*, UConn Provost Academic Plan Award, 2017-2020 funded for \$150,000. Role: Joint-PI.
- *"Redefining public engagement at the University of Connecticut: studying the impact of an innovative STEM service learning model on the university community"* National Science Foundation, IUSE Program, \$2,997,515. Role: Senior Personnel.

Pending

- *"Are Uber and Lyft Moderating Transit Deserts? The Transportation Equity Implications of Mobility-on-Demand Services in Chicago"*, \$399,736, National Science Foundation, Geography & Spatial Sciences Program, Submitted 09/05/19 (Under Review)

Prior Funding/Completed Projects

PROJECT TITLE	FUNDING AGENCY	AMOUNT	ROLE
Cost of Municipal Parking	UCONN Center for Real Estate	\$24,966	Co-PI
Suburbanization of American Cities	MIT UTC	\$8,382	Co-PI
Sustainability Video Production Class	MIT UTC	\$10,270	PI
A Multi-Scalar Model to Identify the Causes of Decreased Vehicle Miles Traveled (VMT) in the United States	MIT UTC ¹	\$216,824	PI
Factors Contributing to the Decrease in Traffic Fatality Rates for Young People in America	MIT UTC	\$228,080	Co-PI
Global Ed 2	Institute for Educational Sciences	\$3,500,000	Senior Scientist
Assessing the Full Cost of Parking Provision from the Perspective of the Municipality	MIT UTC	\$223,409	Co-PI
The Impact of Parking Policies on the Long-term Vitality of American Cities	MIT UTC	\$170,000	Co-PI
The Impact of Infrastructure and Mobility Patterns on the Variation of Traffic Fatality Rates in Industrialized Countries	MIT UTC	\$94,200	Co-PI
Building Capacity in Ethiopian Institutes of Higher Education in Sustainable Water Resources Management	USAID	\$1,100,000	Co-PI
Assessing the Impact of Light Trail Transit on Land Value and Tax Revenues	CTLS ²	\$150,000	PI
Quantifying Transit-Oriented Development's Potential Contribution to Federal Policy Objectives on Transportation-Housing-Energy Interactions	CTLS	\$81,713	PI
Developing An Index for Comparing Sustainability of Statewide Transportation	CTLS	\$106,469	Co-PI
Effect of Low-Impact Development and Green Planning as a sustainable design strategy for Combined Sewer Overflow (CSO) mitigation	CTLS	\$90,000	Co-PI

¹Department of Transportation, MIT University Transportation Center funded by the US Department of Transportation

² Center for Transportation & Livable Systems (CTLS), a University Transportation Center funded by the US Department of Transportation

TEACHING

UCONN Undergraduate Courses

- Environmental Studies Capstone (EVST4000W)
- Sustainable Amsterdam (Education Abroad course in Amsterdam)
- The City in the Western Tradition (GEOG/URBN1200)
- Introduction to Urban Studies (URBN2000W)
- Economic Geography (GEOG2100)
- Introduction to Sustainable Cities (GEOG2400)
- Geography of Economic Development (GEOG3100)
- Urban Geography (GEOG/URBN3200)
- Geographical Analysis of Urban Social Issues (GEOG4200W)
- Sustainability in Modern Africa (GEOG4099)

UCONN Graduate Courses

- Advanced Urban Geography
- Geography of Latin America
- Geography of Sustainable Development
- Environmental Geography
- Practicum in College Teaching
- Geographical Analysis of Urban Social Issues

ASU Undergraduate Courses

- Human Geography
- Economic Geography
- World Regional Geography

GRADUATE STUDENTS

CURRENT

Major Advisor

Francis Pickering, PhD Geography
Mary Buchanan, PhD Geography
Quinn Molly, PhD Geography
Ge Shi, PhD Civil & Environmental Engineering

GRADUATED

Major Advisor

Elizabeth Esposito, MA Geography, August 2019
Vanessa Kello, MSc Civil & Environmental Engineering, August 2018
Lorenzo Varone, MSc Civil & Environmental Engineering, August 2018
Parker Sorenson, MSc Civil & Environmental Engineering, May 2017
Hamed Ahangari, PhD Civil & Environmental Engineering, August 2015
Timothy Garceau, PhD Geography, July 2015
Marcello Graziano, PhD Geography, May 2014

Stephanie Walker, MA Geography, May 2014
Francis Pickering, MA Geography, December 2013
Patrick Gallagher, MA Geography, May 2012
Jonathan Pollak, MA Geography, May 2012

Associate Advisor

Jorge Simbaqueba, MSc Civil & Environmental Engineering, December 2018
Kevin Nebiolo, PhD Geography, June 2016
Kristin Floberg, MSc Civil & Environmental Engineering, December 2016
Eric Hoffman, PhD Geography, December 2016
Jason Outlaw, MSc Civil & Environmental Engineering, November 2016
Andrew Huddy, PhD Geography, September 2016
Jingyue Zhang, MSc Civil & Environmental Engineering, May 2016
Eric Dorsey, MSc Civil & Environmental Engineering, March 2016
Jonathan Portillo, MA Geography, June 2014
Yesha Doshi, MA International Studies, May 2014
Christopher McCahill, PhD Civil & Environmental Engineering, May 2013
Cary Lynch, PhD Geography, December 2013
Jill Kelly, MA Geography, August 2013
Jessica Haerter, MSc Civil & Environmental Engineering, May 2013
Joshua Strunk, MA Geography, August 2012
Kelly Bertolaccini, MSc Civil & Environmental Engineering, August 2012
Jebediah Stevens, MA Geography, August 2011
Christopher Rappa, MA Geography, May 2011
Jason Zheng, MSc Civil & Environmental Engineering, May 2011
Jason Billings, MSc Civil & Environmental Engineering, May 2011
Cynthia Reynolds, MA Landscape Architecture, May 2011
Marshall Rivers, MA Geography, May 2010
Trent Berger, MA Geography, May 2010
Ben Woods, MA Geography, May 2009
Joshua Regan, MA Geography, May 2009
Scott Hastings, MA Geography, May 2009
Craig Yannes, MSc Civil & Environmental Engineering, May 2009
Jenna Nicholls, MSc Civil & Environmental Engineering, May 2009
Tom Fischetti, MA Geography, May 2008

WORKSHOPS/SYMPOSIA/EVENTS

Organizer

- May 2020: Conference on Emerging Transportation Technologies & Sustainability, Transportation Research Board, Beckman Center, UC-Irvine (Planning Committee)
- October 2019: Collaborative Mapping Workshop for Hydrogen Station Planning, Connecticut Center for Advanced Technology
- April 2019: Symposium on Autonomous Vehicles, UConn
- September 2018: Third Connecticut Urban & Transportation Film Festival
- October 2017: Reinvigorating Cities, Redeveloping Parking Craters, Hartford, CT.
- March 2013: “Community Perceptions of Causes, Solutions, and Responsibility for Payment of Sewer and Storm Water Flooding”, Blue Hills Civic Association, Hartford, CT. Role: co-organizer.
- February 2012: “Summer Outreach Program”, Ethiopian Institute of Water Resources, Addis Ababa, Ethiopia. Role: co-organizer.

- March 2011: “Transit-Oriented Development”, Denver, Colorado. Role: co-organizer.
- January 2011: “Sustainable Water Resources Management in Ethiopia”, Addis Ababa, Ethiopia. Role: co-organizer.
- November 2009: “Sustainable Cities: Educating Engineers for the 21st Century”, Congress for New Urbanism Summit on Sustainable Transportation Networks, Portland, OR. Role: Co-organizer.
- June 2009: “Building Capacity in Sustainable Water Resource Management in Ethiopia”, University of Addis Ababa, Ethiopia. Role: co-organizer.
- Spring 2005: “Light Rail & Climate”, Arizona State University, IGERT Program. Objective: Practical experience of the integrative research process. Role: organizer and participant.

Participant

- Spring 2019: One-on-one coaching for Online Course Development of GEOG2400: Introduction to Sustainable Cities, UConn’s Center for Teaching & Learning (CETL).
- January/February 2019: “Exploring Online Learning”, UConn’s Center for Teaching & Learning (CETL).
- March 2018: Charrette at VZB (Transit Operating Company for the City of Zurich) to envision the future of transportation in Zurich.
- September 2017: Workshop on Climate Change for the Congress for New Urbanism, Virginia.
- Vision Zero Initiative Symposium, New York City Mayor’s Office: “*Research on the Road: Vision Zero*”, New York City, City Hall, October 18, 2016. Participated in the establishment of a collaborative network on transportation safety research with public policy officials and other stakeholders, along with four UConn Graduate Students.
- April 2010: “Changing Geography in Higher Education: Towards a Scholarship of Academic Practice”, INTL (International Network for Teaching & Learning Geography), Sub-group: “Promoting Synergistic Activities Between Geography and Other Disciplines”, Washington, DC.
- November 2008: “Sustainable Transportation Networks”, Charlotte, North Carolina. Objective: Drafting position statements for defining and measuring sustainable transport.
- Summer 2007: “Geography Faculty Development Alliance”, Boulder, Colorado. Objective: Professional development for early career faculty in Geography.
- Spring and Fall 2005: “How to Teach Undergraduates Critical Reading, Thinking, and Writing”, Arizona State University, Center for Learning and Teaching Excellence.
- Spring 2005: “Light Rail & Climate”, Arizona State University, IGERT Program. Objective: Practical experience of the integrative research process. Role: organizer and participant.
- Spring 2005: “Team-Building and Collaborative Research”, Arizona State University, IGERT Program. Objective: Training on goal-setting and interdisciplinary communication.
- Spring 2005: “Evaluation in the Classroom”, Arizona State University Center for Teaching and Learning Excellence.
- Spring and Fall 2004: “Running Effective Meetings and Teambuilding”, Arizona State University, IGERT Program.
- Fall 2004: “Best Cooperation” Workshop at University of Washington, Seattle. Objective: to promote international collaboration between scholars of urban ecology.

INVITED TALKS

- ROBOTICA Autonomous Vehicle Summit, AUVSI, Cambridge, MA, April 2019.
- Connected and Autonomous Vehicles Education for Arizona Small Towns and Satellite Cities, Arizona State University, March 2019. [Link to Program](#).
- Seminar “Transportation Sustainability and the Transition to Autonomous Vehicles” at ETH, Zurich (Swiss Institute of Technology), March 2018
- Seminar “Research opportunities on autonomous vehicles: A discussion”. Presented at the Perceiving-Acting Workshop of the University of Connecticut Psychological Sciences Department

Center for the Ecological Study of Perception and Action, UConn, Atkinson-Palombo, C., Tucker, A., & Marsh, K. L. October 2017.

- What's in a Watt? The Story Behind Sustainable Energy and Electricity, "*The Geography of Electricity*", League of Women Voters of Connecticut Education Fund's 48th Symposium on International Relations Co-sponsored in cooperation with the Peabody Museum and the MacMillan Center for International and Area Studies at Yale University, May 12, 2017.
- Climate, Carbon, and Cars: From Mass EPA to Our Electric Future, University of Connecticut Law School, "*The Shifting Normative Implications of Disruptive Technologies on Law & Technology*", April 21, 2017. <https://www.law.uconn.edu/calendar/symposium/climate-carbon-cars> (Speaker/Moderator)
- Northeast Autonomous Vehicle Summit, Connecticut Transportation Safety Research Center, Mystic CT, "*Society & Self-Driving Vehicles: A Framework for Understanding Change*", March 30, 2017. <http://ctsrc.uconn.edu/home/ne-autonomous-vehicle-summit/>
- Connecticut Academy of Science & Engineering, "*Measuring Transportation Sustainability*", for Research Project: Strategies to Minimize Carbon, Meriden, CT, December 12, 2016.
- Speaker, TED Talk, Climate Impacts Mitigation and Adaptation (CIMA3), University of Connecticut, March 31, 2014.
- The Many Flavors of Service Learning, Institute for Teaching and Learning (Service Learning). University of Connecticut, March 31, 2014.
- Speaker, International Perspectives on Global Change, Global House, UCONN, November 12, 2013.
- "The High Cost of VMT", University of Connecticut, Center for Transportation & Livability Studies, March 2013.
- "The Geography of Energy Policy", University of Connecticut, Center for Transportation and Urban Planning (CTUP), April 2010.
- "The Geography of Energy Policy", University of Connecticut, Environmental Engineering Program, March 2010.
- "The Geography of Foreclosures in Phoenix, Arizona" University of Miami, Department of Geography, March 2010.
- Connecticut Regional Council of Governments (CRCOG), September 2008.
- Connecticut Economic Resource Center, Panel on Analyzing Sprawl, 1000 Friends of Connecticut, Southern Connecticut, New Haven, CT, 2008.
- Engineers without Borders, Paradigms in Economic Development, UCONN, 2008.
- Center for Latin American Studies, University of Connecticut, "The Geographies of Super-Vulnerability", 2008.
- Panelist: Long-term planning for the State of Connecticut: Do It or Else? The American Society for Public Administration, Connecticut Chapter, Charter Oak State College, March 2008.
- "Tips for Job Market Preparation from a newly-hired Assistant Professor", Preparing Future Faculty, Arizona State University, February 2008.

CONFERENCE PRESENTATIONS

- Three Revolutions Policy Conference, Institute of Transportation Studies UC Davis, March 2019.
- "Understanding the Surprising and Oversized Use of Ridesourcing Services in Poor Neighborhoods in NYC", Transportation Research Board, Washington DC, January 2019, Carol Atkinson-Palombo, Lorenzo Varone*, Norman Garrick.
- "We'll Have Manhattan, the Bronx and Staten Island Too: The Growth of Rideshare in NYC Neighborhoods and What It Portends for the Future of Mobility", Swiss Transportation Research Council, 2018, Lorenzo Varone*, Carol Atkinson-Palombo, Norman Garrick,
- "Road Safety in the Netherlands – A Historic Analysis of Fatality Trends and Dutch Practices", Transportation Research Board, Washington DC, January 2018, Vannesa Kello*, Carol Atkinson-Palombo, Norman Garrick.

- “*Visualizing the Operational Differences Among Different Shared Space and Traditional Stop-Controlled Environments*”, Transportation Research Board Annual Meeting, Washington, DC, January 2017, Parker Sorenson*, Norman Garrick and Carol Atkinson-Palombo. Presentation for Eno Fellowship Session.
- American Association of Geographers Annual Meeting, Boston, April 2017
 - i. Chair, Discussant & Organizer for Paper Session: [Re]_Evaluating How We Value Transportation. Paper: “*An Assessment of How Land is Used at Different Levels of Automobility*”, Kristin Floberg*, Norman W. Garrick, Carol Atkinson-Palombo.
 - ii. Chair, Discussant and Organizer for Paper Session: Contested Terrain: Cities and the Possibilities for Transitions to Just Sustainabilities. Paper: “*Contested Cities in the Wake of Brexit and Trump’s Election*”, Carol Atkinson-Palombo and Phoebe Godfrey.
 - iii. Invited Panelist for Panel Session: New Natures and Novel Landscapes III: Novel Systems in Urban Environments. Presentation: “*Disruptive Technologies*”, Carol Atkinson-Palombo.
 - iv. Paper: “*Characterizing Interactions in Complex Urban Environments and Assessing the Suitability for Autonomous Vehicles*”, Parker Sorenson*, Norman Garrick, and Carol Atkinson-Palombo.
- Congress for New Urbanism Annual Summit, Seattle, Washington, May 2017. “*Walkability Lessons from the Past*”, Kristen Floberg*, Norman Garrick, and Carol Atkinson-Palombo.
- Association for Environmental Studies & Sciences, Annual Conference, Tucson, Arizona, June 2017. Co-organizer and co-leader of Workshop: “*Teaching for Turbulence*”, Carol Atkinson-Palombo and Phoebe Godfrey.
- Second International Conference on Transport and Health (ICTH 2016), San Jose, California, June 2016. Is Building Bicycling Infrastructure a Path Towards Zero Vision for Traffic Fatality? Ahangari, H.*, N. Garrick & C. Atkinson-Palombo.
- McCahill, Chris, Garrick, Norman W, Atkinson-Palombo, Carol, "Visualizing Urban Parking Supply Ratios", Congress for New Urbanism (CNU) 22: The Resilient Community, Buffalo, New York. (June 4, 2014 - June 7, 2014).
- Graziano, Marcello, Gillingham, Kenneth, Atkinson-Palombo, Carol, "Adoption of Diffused Renewable Energy Technologies: Patterns and Drivers of Residential PV Systems in Connecticut, 2004-2013", American Association of Geographers. (April 8, 2014 - April 12, 2014).
- Hoen, Ben, Atkinson-Palombo, Carol, "Impact of Wind Turbine Proximity on Property Values in Massachusetts", American Association of Geographers. (April 8, 2014 - April 12, 2014).
- Atkinson-Palombo, Carol, Hoen, Ben, "A Preponderance of Evidence? Results from Four New North American Studies Investigating Wind Energy and Property Prices", American Real Estate Society Annual Meeting, San Diego, California. (April 1, 2014 - April 5, 2014).
- Atkinson-Palombo, Carol, Hoen, Ben, "A Preponderance of Evidence? Results from Four New North American Studies Investigating Wind Energy and Property Prices", International Energy Agency Experts' Meeting, Milan, Italy. (March 26, 2014 - March 28, 2014).
- Atkinson-Palombo, Carol, Hoen, Ben, "A Preponderance of Evidence? Results from Four New North American Studies Investigating Wind Energy and Property Prices", American Wind Energy Agency, Wind Siting and Compliance Seminar, New Orleans, Louisiana. (March 19, 2014 - March 20, 2014).
- Atkinson-Palombo, Carol, Hoen, Ben, "Stakeholder Engagement and Outreach March Webinar: Wind Energy and Property Values", Office of Energy Efficiency and Renewable Energy, US Department of Energy. (March 14, 2014).
- Atkinson-Palombo, Carol, Hoen, Ben, "Relationship Between Wind Turbines and Residential Property Values in Massachusetts", Massachusetts Clean Energy Commission (MassCEC). (January 22, 2014).
- Ahangari, Hamed, Outlaw, Jason, Atkinson-Palombo, Carol, Garrick, Norman W, "An investigation into the impact of fluctuations in gasoline prices and macroeconomic conditions on road safety in

- developed countries", 93rd Annual Meeting of the Transportation Research Board. (January 12, 2014 - January 16, 2014).
- McCahill, Chris, Haerter, Jessica, Garrick, Norman W, Atkinson-Palombo, Carol, "Parking in Urban Centers: Policies, Supplies, and Implications in Six Cities", 93rd Annual Meeting of the Transportation Research Board. (January 12, 2014 - January 16, 2014).
 - Garceau, Timothy, Atkinson-Palombo, Carol, Garrick, Norman W, "Peak Travel and the Decoupling of Vehicle Travel from the Economy: A Synthesis of the Literature", 93rd Annual Meeting of the Transportation Research Board. (January 12, 2014 - January 16, 2014).
 - Blanc, Bryan, Gangi, Michael, Atkinson-Palombo, Carol, Garrick, Norman W, McCahill, Chris, "The Effects of Urban Fabric Changes on Real Estate Property Tax Revenue: Evidence from Six American Cities", 93rd Annual Meeting of the Transportation Research Board. (January 12, 2014 - January 16, 2014).
 - Zheng, Jason, Atkinson-Palombo, Carol, Garrick, Norman W, "Using Degree of Urbanism to Compare How States Perform with Respect to Transportation Sustainability", 93rd Annual Meeting of the Transportation Research Board. (January 12, 2014 - January 16, 2014).
 - July 2013: International Sociological Association, RC43 2013 Conference 'At Home With the Housing Market', Centre for Urban Studies, University of Amsterdam, 'How Race, Ethnicity, Citizenship, and Poverty combine to produce 'Supervulnerability' in the Housing Market'. Carol Atkinson-Palombo.
 - July 2013: 19th Annual International Sustainable Development Research Conference, Cape Town, South Africa. "Theorizing Land Grabs—What Kind of Development?" Carol Atkinson-Palombo and Jill Kelly*.
 - April 2013: Association of American Geographers (AAG) Meeting, Los Angeles, CA, "Theorizing Land Grabs: What Kind of Development?" Presenter and Chair of Session on Food Scarcity and Regional Effects, Carol Atkinson-Palombo and Jill Kelly*.
 - February 2012, AAG Meeting, New York City, "Suburban Typologies and Residential Foreclosures in Phoenix, Arizona in session on Foreclosure: Causes and Consequences". Carol Atkinson-Palombo.
 - May 2011: 17th Annual International Sustainable Development Research Conference, Columbia University, New York, USA, "Transnational Higher-Education Partnerships-Potential Impacts on US Faculty, Students, And Institutions: Reflections From a USAID/HED-Funded Project to Build Capacity In Ethiopian Institutions Of Higher Education In Sustainable Water Resources Management," under session 4E, The Role of Education and Universities in Sustainable Development. Carol Atkinson-Palombo, Mekonnen Gebremichael, Jeffrey Osleeb, Michael Accorsi.
 - May 2011: 17th Annual International Sustainable Development Research Conference, Columbia University, New York, USA, "Beyond Mobility: Measuring Transportation in Terms of Equity, Resiliency, and Economic Efficiency", Jason Zheng*, Chris McCahill*, Carol Atkinson-Palombo, Norman W. Garrick.
 - January 2011: Transportation Research Board of the National Academies. Transportation Research Board Annual Meeting. "Quantifying the Economic Domain of Transportation Sustainability", Jason Zheng*, Carol Atkinson-Palombo, Christopher McCahill*, Ryan O'Hara*, and Norman Garrick.
 - October 2010: The Keck Center of National Academies, Washington, DC, sponsored by the US Department of Transportation. 'Transportation for Livable Communities', "Assessing the Economic Burden of Transportation", J. Zheng*, N.W. Garrick, C. Atkinson-Palombo, and C. McCahill.
 - July 2010: International Sociological Association Annual Meeting, Gothenburg, Sweden. "Causes and Consequences of Neighborhood-level Variations in Housing Market Foreclosures in Metropolitan Phoenix, Arizona". Carol Atkinson-Palombo.
 - November 2010, New England and St. Lawrence Valley Regional Association of Geographers Annual Conference: "Light-Rail Transit's Effect on Land Values—How Much Comes from New Construction?" Carol Atkinson-Palombo.

- November 2010, New England and St. Lawrence Valley Regional Association of Geographers Annual Conference: “Did gasoline price increases in 2008 exacerbate the foreclosure crisis?” Carol Atkinson-Palombo and Walter D’Lima*.
- April 2010, AAG Meeting, Washington, D.C., The Geography of Fossil Fuel Dependency, Carol Atkinson-Palombo, Robert Cromley, George Bentley*.
- January 2010: First International Conference on Sustainable Water Resource Management, Addis Ababa University, Akaki Campus, Ethiopia. Role: Session Moderator: Water & Socioeconomics.
- October 2009: The National Center for Suburban Studies, Hofstra University, NY. The Diverse Suburb: History, Politics & Prospects. “Densification in the Desert: The emergence of New Suburbanism in Phoenix, Arizona”. Carol Atkinson-Palombo and Brandon Cramer*.
- October 2008: Rethinking Transportation for a Sustainable Future, University of Kentucky. “Sprawl and the Great Transportation Debate in Metropolitan Phoenix, AZ”, Carol Atkinson-Palombo.
- April 2008: Congress for New Urbanism, Austin, TX. Academic Papers Session: “Phoenix Rising: Measuring Urban Densification”, Carol Atkinson-Palombo and Michael J. Kuby.
- April 2008: AAG Meeting, Boston, MA. “A Leading Indicator of Gentrification”.
- April 2008: A Suburban World? The Metropolitan Institute, Virginia Tech, VA. “Phoenix’s Elastic Urban Fringe: Lessons in urban densification”. Carol Atkinson-Palombo and Patricia Gober.
- November 2007: NESTVAL, New Haven, CT: Active Pedagogy in Geography. Carol Atkinson-Palombo.
- April 2007: AAG Meeting, San Francisco, CA, “Urban Location Theory for the Contemporary City”. Carol Atkinson-Palombo.
- September 2005: APCG (Association of Pacific Coast Geographers), Phoenix, AZ. “Spatial and seasonal variations in the “weekend effect” for ozone in Phoenix, AZ.” Carol Atkinson-Palombo.
- March 2005: AAG Meeting, Denver, CO. “Integrating Urban Regime Theory into Socio-Ecological Theoretical Frameworks”.
- March 2005: AAG Meeting, Denver, CO. “Multi-disciplinarity and Geography: What does the future hold?” Panel session. Role: Co-organizer. Sponsored by Supporting Women in Geography.
- January 2005: 4th International Conference on Critical Geographies (ICCG), Mexico City, Mexico. “Re-evaluating the costs and benefits of large-scale infrastructure projects in developing economies.”
- September 2004: APCG Annual Meeting, San Luis Obispo, CA. “A Spatial Approach to Understanding Public Investments in Infrastructure, Glendale, AZ. Carol Atkinson-Palombo.
- March 2005: AAG Meeting, Philadelphia, PA. “Links between Transportation-Inspired Land Use Change and the Urban Environmental Impacts”. Carol Atkinson-Palombo.
- March 2005: AAG Meeting, Philadelphia, PA. “Methods to Quantify Transit-Oriented Development” Panel session. Workshop for IGERT, Ecological Cities.
- November 2003: Pacific Coast Latin American Studies Association (PCLAS), Whittier College, CA. “The limits of neoliberalism – Argentina: Crisis and Contagion”. Carol Atkinson-Palombo.
- September 2003: APCG Annual Meeting, Portland, OR. “Clearing the Way for Light Rail – TOD as a Displacement Mechanism”.
- May 2003: Social Science Research Council’s Program on Latin America & the Caribbean and the Sociocultural Studies Dept of the *Instituto Tecnológico y de Estudios Superiores de Occidente* (ITESO) with Rockefeller Foundation support. Conference on: Cities, Inequality and Subjectivity in the Americas, Guadalajara, Mexico. “The Uneven Impact of Urban Regeneration Policies”. Carol Atkinson-Palombo.

SERVICE

PROFESSIONAL

National/International

- Member, External Review Panel for Montclair State University, Department of Earth & Environmental Studies, October 2019.
- Transportation Research Board (Division of the National Academies of Science), Member of Standing Committee on Social & Economic Factors of Transportation. Duties associated with this post include writing calls for papers for the annual TRB conference, setting the research agenda for the committee, and reviewing papers and any proposals associated with the theme of the conference. (April 15, 2015 - April 14, 2021).
- Panel Reviewer, National Science Foundation, Smart & Connected Communities, Panel Reviewer, April 2018.
- Grant Proposal Reviewer, Center for Advanced Multi-modal Solutions (x 4 in 2018 and x 2 in 2017)
- Grant Proposal Reviewer, Research Grants Council, Hong Kong (General awards as well as CAREER), November 2017.
- Association of American Geographers: Secretary/Treasurer of the Human Dimensions of Global Change Specialty Group, 2012-2014
- Guest editor: Research in Transportation Business Management, Themed Issue on “Valuing Transportation: Measuring What Matters for Sustainability” 2013
- Grant Reviewer: National Science Foundation, Geography & Spatial Sciences and Civil & Environmental Engineering (Spring 2010)
- Grant Reviewer: NSF Major Research Instrumentation Program (Spring 2011)
- Grant Reviewer: MIT-New England University Transportation Center (Junior faculty representative from UConn UTC), Spring 2009.

State

Member of State of Connecticut Taskforce on Autonomous Vehicles, 2018—2021

University

- Reviewer, Applications for UConn COP24 Fellowship Program at the Climate Talks at the UN Convention on Climate Change, Poland, November 2018 (total of 67 applications)
- Reviewer, Research Excellence Program (x 3 proposals), Spring 2018
- Head of the Review Committee, Metanoia on the Environmental Funding (total of 43 proposals), Spring 2018
- Chair, Senate Task force on General Education Environmental Literacy, 2018
- Elected Member of Executive Committee, University Senate, 2018-2021
- Chair, University Senate Budget Committee, 2016-2019
- University Senate, 2015-2021
- Member of Steering Committee, Metanoia on the Environment, 2018—
- Chair, Proposal Review Committee, Metanoia on the Environment, 2018—
- Member, Legacy Committee, Metanoia on the Environment, 2018—
- Member, Committee on Masters in Energy & Environmental Management, 2018—
- Member, Advisory Board, Environmental Studies, 2015-2017
- Member, Advisory Board, Environmental Sciences, 2015—
- Member, Environmental Policy Advisory Committee, 2016—
- Member, AAUP Executive Committee, 2016-2017

Department

- Head of Search Committee for Head of Department, Spring 2018
- Chair, Courses & Curriculum Committee, Department of Geography, 2016—
- Chair, Undergraduate Committee, Department of Geography, 2013-2015
- Search Committee, Head of Department, Department of Geography (2012/13)
- Provost's Commission on the Status of Women (2008-2012)
- Search Committee, Department of Geography (2010/11)
- Search Committee, Ethiopian Institute for Water Resources, Director and two Outreach Coordinators (2011)
- Interim Director, Urban & Community Studies Program, Fall 2008
- Curriculum Committee, 2007—
- Faculty Advisor for Student Organization, Kiva Campus, 2010-2012
- Member of Women in Math, Science, & Engineering (WIMSE) 2009—
- Coordinator for Undergraduate Programs for the Department of Geography, Fall 2013-Fall 2015
- Coordinator for Internships for the Department of Geography, Fall 2013-Fall 2015
- Evaluator for Study Abroad issues for the Department of Geography, Fall 2013-Fall 2015
- Faculty Advisor for She's the First, Student Organization, 2013-2015

Arizona State University

- Child and Family Services Advisory Board, Office of the Executive Vice President and Provost (2004-2005)
- Volunteer for the National Geographic Geography Bee (2003)
- Volunteer organizer, APCG 2005 Conference (2004)
- Volunteer for Earth Science Day (2003)
- ASU SWIG – Supporting Women in Geography – Founder (2004)
- ASU LRIG – Light Rail Interest Group – Founder (2002)

Community

CLiCK, Finance Committee, Grant Writer: Volunteer role for local not-for-profit organization writing grants to foundations and federal agencies to fund programs to promote job training for underserved communities.

REVIEWER FOR JOURNAL ARTICLES

Applied Geography

Atmosfera

Atmospheric Environment

British Journal of Environment and Climate Change

Cities

CLEAN (Sustainability and Environmental Safety)

Environment & Planning

Environmental Monitoring and Assessment

Environmental Engineering

Environmental Research

Environmental Science and Technology

International Journal of Applied Geospatial Research

International Journal of Environment and Pollution

International Journal of Sustainable Transportation

Journal of Geography

Journal of Planning Education and Research

Journal of Planning Literature
Journal of Transport and Land Use
Journal of Urban Design & Planning
Journal of Urbanism
Landscape & Urban Planning
Land Use Policy
Land Use & Urban Planning
Municipal Engineer
New England Geographer
Planning Review (The)
Professional Geographer
Research in Transportation Business and Management
Resources
Science of the Total Environment
Sustainability
Transport Part A
Transportation
Transportation Research Record
Urban Geographer
Urban Design and Planning
Urban Studies

PROFESSIONAL ASSOCIATIONS

- Transportation Research Board (TRB)
- Association of American Geographers (AAG)
- Urban Affairs Society
- Association for Environmental Studies & Science (AESS)