

Daniel P. Piatkowski, PhD
Curriculum Vitae

Community and Regional Planning
College of Architecture

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EDUCATION

- 2013 PhD, University of Colorado Denver, Design and Planning
 Dissertation: *Identifying Impacts of Interventions Aimed at Promoting Walking and Bicycling: Directions for Increasing Non-Motorized Transportation in US Cities* (Advisor: Kevin Krizek)
- 2006 MUEP, Arizona State University, Urban and Environmental Planning
- 2001 BA, Arizona State University's Barrett Honors College, English

ACADEMIC APPOINTMENTS

- 2016-Present Assistant Professor, Community and Regional Planning, University of Nebraska Lincoln
- 2014-2016 Assistant Professor, Urban Studies and Planning, Savannah State University
- 2012-2013 Adjunct Professor, Civil Engineering, University of Colorado Denver

PUBLICATIONS

Peer-Reviewed Journal Articles

- Forthcoming* Piatkowski, Daniel, Wesley Marshall, & Aaron Johnson. Bicycle Backlash: Qualitative Examination of Aggressive Driver-Bicyclist Interactions. Accepted at *Transportation Research Record*.
- Forthcoming* Piatkowski, Daniel, Wesley Marshall, & Aaron Johnson. Identifying Behavioral Norms among Bicyclists in Mixed-Traffic Conditions. Accepted at *Transportation Research Part F: Traffic Psychology and Behavior*.
- Forthcoming* Marshall, Wesley, Daniel Piatkowski, & Aaron Johnson. Scofflaw Bicycling: Illegal but rational. Accepted at *The Journal of Transport and Land Use*.
- 2016 Piatkowski, Daniel, Wesley Marshall & Nader Afzalan. Can Web-based Community Engagement Inform Equitable Planning Outcomes? A Case Study of Bikesharing. Accepted at *The Journal of Urbanism: International Research on Placemaking and Urban Sustainability*. doi.org/10.1080/17549175.2016.1254672.

- 2015 Piatkowski, Daniel, Kevin Krizek & Susan Handy. "Walking and Cycling's Role in Addressing Climate Change: Accounting for the substitution effect." *Journal of Travel Behaviour and Society*. 2(1), 32-41. doi: 10.1016/j.tbs.2014.07.004.
- 2015 Piatkowski, Daniel, & Wesley Marshall. "Not All Prospective Bicyclists are Created Equal: The role of attitudes, socio-demographics, and the built environment in bicycle commuting." *The Journal of Travel Behaviour and Society*, 2(3), 166-173. doi:10.1016/j.tbs.2015.02.001.
- 2015 Henao, Alejandro, Daniel Piatkowski, Krista Nordback, Wesley Marshall, & Kevin Krizek. "Impacts of Sustainable Transportation Investments in Boulder, CO; 1990-2009." *Transport Policy*, 37, 64-71. doi:10.1016/j.tranpol.2014.09.012.
- 2014 Piatkowski, Daniel, Rachael Bronson, Wesley Marshall & Kevin Krizek. "Measuring the Impacts of Bike to Work Day Events for Different Populations." *Journal of Urban Planning and Development*. doi: 10.1061/(ASCE)UP.1943-5444.0000239.
- 2014 Marshall, Wesley, Daniel Piatkowski, & Norman Garrick. "Community Design, Street Networks, and Public Health." *Journal of Transport and Health*, 1, 326-340. doi: 10.1016/j.jth.2014.06.002.
- 2014 Piatkowski, Daniel & Wesley Marshall. "'New' versus 'Old' Urbanism: A comparative analysis of travel behavior in large-scale New Urbanist communities and older, more established neighborhoods in Denver, Colorado." *Urban Design International*, 19(3), 228-245. doi: 10.1057/udi.2013.30.
- 2011 Nordback, Krista, Daniel Piatkowski, Bruce Janson, Wesley Marshall, Kevin Krizek, & Debbi Main. "Using Inductive Loops to Count Bicycles in Mixed Traffic." *Journal of Transportation of the Institute of Transportation Engineers*, (2)1, pp.39-56.

Book Chapter

- 2016 Martens, Karel, Daniel Piatkowski, Kevin Krizek, & Kara Luckey. "Advancing Discussions of Cycling Interventions Based on Social Justice" in *Bicycle Justice and Urban Transformation: Biking for All?* Editors: Aaron Golub, Melody Hoffman, Adonia Lugo, Gerardo Francisco Sandoval. Routledge Press (forthcoming in July).

Book Review

- 2012 Review of Tumlin, Jeffrey. Sustainable Transportation Planning: Tools for creating vibrant, healthy, and resilient communities. Wiley and Sons. *The Berkeley Planning Journal*, 25(1), 244-247.

Additional Publications

- 2015 Piatkowski, Daniel, Wesley Marshall & Nader Afzalan. “Crowdsourcing Equitable Transportation: The application of web-based tools to inform bikeshare system development.” Congress for the New Urbanism 2015 New Urban Research Papers (<http://www.cnu.org/new-urban-research/past-papers>).
- 2014 Steer Davies Gleave, with Kevin Krizek & Daniel Piatkowski. “The Economic Impact of Cycling in the Pikes Peak Region.” Pikes Peak Area Council of Governments (Technical Report).
- 2010 Wroth, Roy, Kevin Donahue & Daniel Piatkowski. “Neighborhood Handbook for Second Street and the Triangle District Neighborhoods.” Wroth Urbanists, Sante Fe, New Mexico: <http://rwup.org/wp-content/uploads/2012/04/Handbook-reading-copy.pdf>.

GRANTS AND FELLOWSHIPS

- 2017 Restricted Crossings on Rural Highways. Research Proposal Number TSPTI-05, Nebraska Department of Roads: PI: John Sangster, PhD; Co-PI: Daniel Piatkowski, PhD; \$77,986.
- 2016 American Planning Association Plan4Health Grant awarded to the Nebraska Chapter of the American Planning Association. Project Manager: Julie Harris; Planning Representative: Derek Miller, AICP; Public Health Representative: Andy Wessel, MPH; Task for Members: Daniel Piatkowski, PhD, and Brandom Grimm, PhD; \$60,000.
- 2015 National Science Foundation – Historically Black Colleges and Universities Undergraduate Program (HBCU-UP) Targeted Infusion Project in Interdisciplinary Transportation Studies. Co-PIs: Niranjana, S., Lambright, J; Contributors: Piatkowski, D., Mustafa, M.; \$399,548.
- 2015 Savannah State University Faculty Development Mini-Grant; \$2,000.

- 2013 National Science Foundation – Interdisciplinary Graduate Education Research Traineeship (NSF-IGERT) Dissertation Completion Grant; \$5,000.
- 2013 University of Colorado Denver Graduate College Conference Travel Award; \$2,000.
- 2012 University of Colorado Denver Graduate College Conference Travel Award; \$2,000.
- 2008 National Science Foundation – Interdisciplinary Graduate Education Research Traineeship (NSF-IGERT) Doctoral fellowship recipient in Sustainable Urban Infrastructure; \$100,000.

AWARDS

- 2017 Centers for Disease Control and Prevention Excellence in Safety Research for Active Living award for “*Promoting bicycling in the face of “Bikelash” – Why bicyclists break the law, and what it means for encouraging active transportation*” poster presentation at the 2017 Active Living Research Conference. Clearwater Beach, FL; February 26 – March 1.

INVITED TALKS

- 2017 “Scofflaw Bicycling: Understanding bicyclist behavior and its implications for bike promotion.” Nebraska Bike/Walk Summit. Lincoln, NE; March 23.
- 2015 “Culture Wars: Understanding tensions between drivers and cyclists.” Georgia Bike Summit. Milledgeville, GA; November 7.
- 2015 “Carrots vs. Sticks: Strategies for increasing walking and cycling in the US.” National Center for Transportation Systems Productivity and Management (NCTSPM) Transportation Speaker Series. Georgia Institute of Technology. Atlanta, GA; April 9.
- 2015 “If You Paint It, They Will Come; Savannah’s untapped bicycling potential.” Keynote Speech, Savannah Bicycle Campaign Pedal Medal Award Celebration. Savannah, GA; March 19.

CONFERENCE PRESENTATIONS

Peer-Reviewed Presentations (presenter listed first)

- 2017 Marshall, Wesley, Daniel Piatkowski & Aaron Johnson. Scofflaw Bicycling: Illegal but Rational. Presentation at the World Symposium on Transport and Land Use Research; Brisbane, Australia; July 3-6.
- 2017 Piatkowski, Daniel, Wesley Marshall & Aaron Johnson. Promoting Bicycling in the Face of “Bikelash” – Why bicyclists break the law, and what it means for encouraging active transportation. Presentation (poster) at the Active Living Research Conference; Clearwater, FL; February 28-March 1.
- 2017 Piatkowski, Daniel, Wesley Marshall & Aaron Johnson. Bicycle backlash: A qualitative examination of aggressive driver-bicyclist interactions. Presentation at the 96th Annual Meeting of the Transportation Research Board; Washington D.C; January 8-12.
- 2016 Piatkowski, Daniel (presenter and session organizer), Wesley Marshall & Aaron Johnson. Bicycle backlash: A mixed-methods examination of aggression toward bicyclists. In the pre-organized session: Cars vs. Bikes? Resolving Conflicts Between Different Road Users.” Presentation at the Association of Collegiate Schools of Planning Annual Conference; Portland, OR; November, 3-6.
- 2016 Afzalan, Nader, & Daniel Piatkowski. Does the Digital Divide Still Matter? Equity considerations of using participatory GIS tools for sustainable planning. Presentation at the Association of Collegiate Schools of Planning Annual Conference; Portland, OR; November, 3-6.
- 2015 Piatkowski, Daniel, Wesley Marshall & Aaron Johnson. Scofflaw Cycling: Behavior, intention, and multi-modal interactions. Presentation at the Association of Collegiate Schools of Planning Annual Conference; Houston, TX; October 22-25.
- 2015 Piatkowski, Daniel (presenter and session organizer). Web 2.0, Social Media, and Equitable Community Engagement. Presentation at the Georgia Planning Association; Savannah, GA; Sept 9-11.
- 2015 Piatkowski, Daniel, Wesley Marshall & Nader Afzalan. Crowdsourcing Equitable Transportation: The application of web-based tools to inform bikeshare system development. Presentation at the 23rd Annual Congress for the New Urbanism; Dallas-Fort Worth, TX; April 29-May 2.

- 2015 Piatkowski, Daniel. Linking Perceived Mode Choice Options to Travel Behavior Change: a structural equation modeling approach to encouraging active transportation. Presentation at the Doctoral Research in Transportation Modeling Workshop; The 94th Annual Meeting of the Transportation Research Board; Washington D.C; January 11-15.
- 2015 Piatkowski, Daniel, & Wesley Marshall. Not All Prospective Bicyclists are Created Equal: The role of attitudes, socio-demographics, and the built environment in bicycle commuting. Presentation at the 94th Annual Meeting of the Transportation Research Board; Washington D.C; January 11-15.
- 2014 Piatkowski, Daniel & Wesley Marshall. Carrots versus Sticks: Assessing intervention effectiveness and implementation challenges for non-motorized transportation. Presentation at the 93rd Annual Meeting of the Transportation Research Board; Washington D.C; January 12-16.
- 2014 Piatkowski, Daniel, Rachael Bronson, Wesley Marshall & Kevin Krizek. Measuring the Impacts of Bike to Work Day Events for Different Populations. Presentation at the 93rd Annual Meeting of the Transportation Research Board; Washington D.C; January 12-16.
- 2013 Piatkowski, Daniel & Wesley Marshall. Does “New Urbanism” Matter: Can New Urbanist developments impact local and regional travel behavior? Presentation at the Institute of Transportation Engineers 10th Annual Spring Transportation Symposium; Denver, Colorado; April 5.
- 2012 Piatkowski, Daniel, Thomas Götschi & Kevin Krizek. Attitude Change and Non-motorized Travel; Examining changes in attitudes and perceptions of bicycling and walking in five US Cities. Presentation at the Association of Collegiate Schools of Planning Annual Conference; Cincinnati, Ohio; November 1-4.
- 2012 Piatkowski, Daniel & Wesley Marshall. “New” vs. “Old” Urbanism: Why are New Urbanist communities not reaching the walking, cycling, and transit levels of more established urban neighborhoods. Presentation at the International Association of Travel Behavior Researchers Conference; Toronto, Canada; June 15-20.
- 2012 Piatkowski, Daniel, Thomas Götschi & Kevin Krizek. Walking and Cycling Interventions: Assessing impacts and measurement challenges when linking interventions to outcomes. Presentation at the International Association of Travel Behavior Researchers Conference; Toronto, Canada; June 15-20.
- 2011 Piatkowski, Daniel. Understanding the Substitution Effect of Bicycling and Walking on Automobile Use; A case study of Denver, Colorado. Presentation at

the Institute of Transportation Engineers 8th Annual Spring Transportation Symposium; Denver, Colorado; April 4.

- 2011 Piatkowski, Daniel. Longitudinal Methods in Nonmotorized Transportation Research: A critical review of scholarly research employing longitudinal designs and methods to evaluate the effectiveness of interventions aimed at promoting bicycling, walking, and physical activity. Presentation at the Association of Collegiate Schools of Planning Annual Conference; Salt Lake City, Utah; October 13-16.
- 2010 Piatkowski, Daniel, Kevin Krizek & Susan Handy. Measuring the Substitution Effect of Non-motorized Modes: A pilot study and implications for future research. Presentation at the 89th Annual Meeting of the Transportation Research; Washington D.C; January 10-14.
- 2009 Piatkowski, Daniel. Quantifying the Ability of Non-motorized Modes to Replace Vehicle Travel; A review of existing approaches. Presentation at Urban Affairs Association Annual Conference; Chicago, Illinois; March 4-7.

Panelist

- 2016 "Bicycle Justice and Urban Transformation: Biking for All?" Association of Collegiate Schools of Planning Annual Conference; Portland, OR; November 3-6, 2016.
- 2016 "Historic Districts at 50: Relic of the past or instrument for livable cities?" Association of Collegiate Schools of Planning Annual Conference; Portland, OR; November 3-6, 2016.
- 2014 Georgia NAACP Annual Young Professionals University, Panel on Graduate Studies, held at Savannah State University. Savannah, GA.
- 2014 CU Science Discovery's "Teen Café" Promoting STEM fields, University of Colorado Boulder. Boulder, CO.

TEACHING EXPERIENCE

University of Nebraska (All Graduate Courses)

Introduction to Transportation Planning
Urban Design Seminar

Savannah State University (*Graduate Courses)

Urban Design Seminar*
History of American Urbanization*
Introduction to Geographic Information Systems*
Transportation and Urban Development*
Advanced Geographic Information Systems*
Introduction to Urban Planning
Global Issues

University of Colorado Denver (All Graduate Courses)

Case Studies in Sustainable Transportation
Planning History and Theory (Teaching Assistant)
Planning Methods I (Teaching Assistant)

RESEARCH EXPERIENCE

Research Assistantships

2013 Center for Sustainable Infrastructure Systems, HUD Sustainable Communities Initiative Planning Grant (Advisor: Wesley Marshall, Civil Engineering). Partnership between the University of Colorado Denver and the Denver Regional Council of Governments (DRCOG).
2012 The Built Environment and Public Health (Advisor; Wesley Marshall, Civil Engineering). University of Colorado Denver.
2011 International Approaches to Bicycle Promotion (Advisor; Kevin Krizek, Design and Planning). University of Colorado Denver.
2004-2006 History of Non-profits in the United States (Advisor; Fern Tiger, Architecture and Planning). Arizona State University.

Consulting

2014 Statistical Consultant, Davis Partnership Architects; Denver, CO
2013-2014 Research Consultant, Steer Davies Gleave; Denver CO/London UK
2006-2008 Assistant Planner, Wroth Urbanists, Santa Fe, New Mexico

SERVICE TO THE UNIVERSITY

Committee Service

2016-Present Affiliate Faculty Member, Nebraska Transportation Center, University of Nebraska Lincoln

- 2016-Present Committee Member, Hyde Lecture Series Organizing Committee, University of Nebraska Lincoln
- 2016-Present Committee Member, College of Architecture Sustainability Group, University of Nebraska Lincoln
- 2015 Faculty Mentor, Transportation Infrastructures and Geotechnics Education and Research (TIGER) Group. College of Science and Technology, Savannah State University
- 2015 Faculty Mentor, Special Training to Raise Interest and Prepare for Entry into the Sciences (STRIPES) Undergraduate Retention Program, College of Science and Technology, Savannah State University
- 2015 Graduate Faculty Council, Savannah State University
- 2015 Master's of Urban Studies and Planning Accreditation Committee, Savannah State University
- 2014-2016 Annual Urban Planning Conference Organizing Committee, Savannah State University
- 2014-2016 Chatham Area Transit Internship Organizing Committee
- 2013 Graduate Student Ethics Committee, University of Colorado Denver
- 2012 Graduate Student Research Symposium Planning Committee, University of Colorado Denver

Student Advising

- 2016 Thesis Committee Chair, Maggie Harthoorn.
- 2016 Thesis Committee Member, Franciscah Mugesani
- 2016 Thesis Committee Member, Elizabeth Garrett
- 2016 Thesis Committee Member, Qiao Hu

Event Organizer

- 2017 Charles Marohn, StrongTown.org; Student Mixer in conjunction with the Nebraska Bike/Walk Summit. March 23, ARCH Gallery. College of Architecture, University of Nebraska Lincoln.

Guest Presentations

- 2017 "Walkable Design and Planning." ARCH 511: Advanced Architectural Design II, College of Architecture, University of Nebraska Lincoln.
- 2016 "The Transportation Land-Use Connection." CIVE 461: Urban Transportation Planning, College of Engineering, University of Nebraska Lincoln.

SERVICE TO THE PROFESSION

Journal Editor

- 2017 Associate Editor, Special Issue: [Re]Evaluating How We Value Transportation. *Journal of Research in Transportation Business and Management*

Journal Reviewer

- 2015 *Transportation*
- 2015 *Transportation Research Part D – Transport and the Environment*
- 2015 *Transportmetrica A: Transport Science*
- 2015 *Sustainability Journal*
- 2014-2016 *Travel Behaviour and Society*
- 2014-2016 *Journal of Transport and Land Use*
- 2014 *Journal of Urban Planning and Development*
- 2013 *Transportation Research Part A – Policy and Practice*
- 2012 *Landscape and Urban Planning*
- 2008-Present *Transportation Research Record: Various Committees*

Conference Reviewer

- 2017 Abstract Reviewer, TRB Committee ADA40. 2nd Conference on Transportation Needs of National Parks and Public Lands. Washington, DC; September 11-13.
- 2017 Paper Review Coordinator, Congress for the New Urbanism. Seattle, WA; May 3-6.

External Thesis Reviewer

- 2016 Nicholas Petrunoff, “Effects of Interventions Promoting Active Travel to Work on Driving and Worker Health: Formative Research and Tests of Workplace Travel Plans.” School of Public Health, Faculty of Medicine, The University of Sydney.

External Dissertation Committee Member

- 2016 Jonas Weber, “Policy Entrepreneurs, Windows, and Cycles: Exploring Policy Change through Bicycle Infrastructure at the Municipal Level.” School of Public Policy, Georgia Institute of Technology.

Grant Reviewer

- 2015 Social Sciences and Humanities Research Council of Canada
- 2015 Mountain-Plains Consortium (Region 8 University Transportation Center)
- 2014 Kaiser Permanente Colorado Walk and Wheel Community Development Grant

Organizational Memberships

- 2016-2019 Committee Member, Transportation Needs of Parks and Public Lands (ADA40), the Transportation Research Board of the National Academy of Sciences

- 2015-Present Congress for the New Urbanism
- 2014-Present World Society for Transport and Land Use Research
- 2014-Present American Planning Association, Georgia Chapter
- 2009-Present International Association of Travel Behavior Researchers
- 2008- Present Active Communities/Transportation (ACT) Research Group
(actresearchgroup.org)

SERVICE TO THE COMMUNITY

- 2015 Planning and Advocacy Committee Member, Savannah Development and Renewal Authority
- 2015 Mobility Advisory Committee Member, City of Savannah
- 2015 Technical Advisory Committee Member, Savannah Area Geographic Information System (SAGIS) Center
- 2015 Juror, Go Bike! Cycling Study of Savannah, GA. Savannah College of Art and Design
- 2014-2016 Board of Director's, Savannah Bicycle Campaign
- 2013 Panelist, CU Science Discovery's "Teen Café" Promoting STEM fields, University of Colorado Boulder
- 2013 Juror, Senior Design Studio, Design & Merchandising. Colorado State University

MEDIA COVERAGE

- 2017 "Guess Who Wants to Teach Cyclists a Lesson." Greater Greater Washington; February 2, 2017. <https://ggwash.org/view/62238/guess-who-wants-to-teach-cyclists-a-lesson-bicycle-backlash>
- 2016 "Omaha's Answer to Pothole Complaints: A New Dirt Road." Associated Press – Omaha, Nebraska; August 16, 2016. <http://abcnews.go.com/US/wireStory/omahas-answer-pothole-complaints-dirt-road-41421071>
- 2015 "Why Do People Hate Cyclists?" *Planetizen*. <http://www.planetizen.com/node/81826/why-do-people-hate-cyclists>
- 2015 "Let's Talk Seriously About Why Cyclists Break Traffic Laws." *The Washington Post's Wonkblog*. <http://www.washingtonpost.com/blogs/wonkblog/wp/2015/01/09/lets-talk-seriously-about-why-cyclists-break-traffic-laws/>
- 2015 "CU Researchers: Bike to Work Day a Chance to Learn About Barriers to Cycling." *Boulder Daily Camera*. http://www.dailycamera.com/top-stories/ci_27414245/cu-researchers-bike-work-day-chance-learn-about
- 2014 "Do We Look Fat in These Suburbs?" *The Atlantic*. <http://www.theatlantic.com/health/archive/2014/08/blame-the-city/375888/>

- 2014 “Why Sprawl May be Bad for Your Health.” The Washington Post’s Wonkblog.
<http://www.washingtonpost.com/blogs/wonkblog/wp/2014/08/15/why-sprawl-may-be-bad-for-your-health/>
- 2014 “Are Streets Too Inviting to Cars?” *The Daily Circuit*.
<http://www.mprnews.org/story/2014/04/15/daily-circuit-city-streets?from=dc>
- 2014 “American Cities Still Too Afraid to Make Driving Unappealing.” CityLab’s *Future of Transportation* series feature.
<http://www.citylab.com/commute/2014/03/americas-cities-are-still-too-afraid-make-driving-unappealing/8564/>