

Carolyn (Carey) McAndrews

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Education

2010	Ph.D.	University of California, Berkeley	City and Regional Planning, with a Designated Emphasis in Global Metropolitan Studies
2006	M.C.P	University of California, Berkeley	City and Regional Planning
2006	M.S.	University of California, Berkeley	Civil and Environmental Engineering
2000	B.A.	Brown University	Economics, with honors

Professional Experience

Aug. 2012 – present	Assistant Professor, Department of Urban and Regional Planning University of Colorado Denver
Sep. 2010 – Aug. 2012	Health and Society Scholar, Robert Wood Johnson Foundation Health and Society Scholars Program Department of Population Health Sciences, University of Wisconsin-Madison

Awards and Honors

2017	Outstanding Paper Award, Transportation Research Board Bicycle Transportation Committee
2017, 2013	Transportation Research Board recognition for outstanding service to the Health and Transportation Subcommittee
2016	Faculty Excellence Award in Research and Creative Activities, College of Architecture and Planning, University of Colorado Denver
2008	Frisen Fellow for Outstanding Service in Teaching and Mentoring Undergraduates

Publications

My research focuses on how the design and management of transportation and land use systems can improve health, safety, and environmental outcomes and improve community health and social equity.

Peer-Reviewed Journal Articles (Student advisees are underlined)

- 2017 **McAndrews**, Carolyn, Keshia Pollack, David Berrigan, Andrew Dannenberg, Ed Christopher. (Forthcoming). “Understanding and Improving Arterial Roads to Support Public Health and Transportation Goals.” *American Journal of Public Health*.
- 2017 **McAndrews**, Carolyn, Kenta Okuyama, Jill S. Litt. (Forthcoming). “The Reach of Bicycling in Rural, Small, and Low-density Places.” *Transportation Research Record*, 2662, doi: 10.3141/2662-15. Outstanding Paper Award, Transportation Research Board Bicycle Transportation Committee.
- 2017 **McAndrews**, Carolyn, Kirsten Beyer, Clare E. Guse, Peter Layde. (2017). “Are Rural Places Less Safe for Motorists? Definitions of Urban and Rural to Understand Road Safety Disparities.” *Injury Prevention*, 0:1-4, doi:10.1136/injuryprev-2016-042139.
- 2017 **McAndrews**, Carolyn, Kirsten Beyer, Clare E. Guse, Peter Layde. (2017). “Linking Transportation and Population Health to Reduce Racial and Ethnic Disparities in Transportation Injury: Implications for Practice and Policy,” *International Journal of Sustainable Transportation*, 11(3):197-205.
- 2017 Marshall, Wesley E., Carolyn **McAndrews**. (2017). “Understanding Livable Streets in the Context of the Arterials that Surround Them,” *Transportation Research Record*, 2605:1-17.
- 2016 **McAndrews**, Carolyn, Peter Layde, Kirsten Beyer, Clare E. Guse. (2016). “How Do the Definitions of Urban and Rural Matter for Transportation Safety? Re-interpreting Transportation Fatalities as an Outcome of Regional Development Processes.” *Accident Analysis and Prevention*, 97:231-241.
- 2015 **McAndrews**, Carolyn, Justine Marcus. (2015). “The Politics of Collective Public Participation in Transportation Decision-Making” *Transportation Research Part A: Policy and Practice*, 78:537-550.
- 2014 **McAndrews**, Carolyn, Justine Marcus. (2014). “Community-Based Advocacy at the Intersection of Public Health and Transportation: The Challenges of Addressing Local Health Impacts within a Regional Policy Process.” *Journal of Planning Education and Research*, 34(2):190-202.
- 2013 **McAndrews**, Carolyn, Kirsten Beyer, Clare E. Guse, Peter Layde. (2013). “Revisiting Exposure: Fatal and Non-fatal Traffic Injury Risk Across Different Populations of Travelers in Wisconsin 2001-2009.” *Accident Analysis and Prevention*, 60:103-112.

- 2013 **McAndrews**, Carolyn. (2013). “Road Safety as a Shared Responsibility and a Public Problem in Swedish Road Safety Policy.” *Science, Technology, and Human Values*, 38(6):749-772.
- 2013 **McAndrews**, Carolyn, Elizabeth Deakin, Lee Schipper. (2013). “Integrating Climate Change Considerations in Latin American Urban Transport Practices and Policy Agendas.” *Journal of Environmental Planning and Management*, 56(5):674-694.
- 2011 **McAndrews**, Carolyn. (2011). “Traffic Risks by Travel Mode in the Metropolitan Regions of Stockholm and San Francisco: A Comparison of Safety Indicators.” *Injury Prevention*, 17(3):204-207.
- 2010 **McAndrews**, Carolyn, Elizabeth Deakin, Lee Schipper. (2010). “Climate Change and Urban Transportation in Latin America: An Analysis of Recent Projects.” *Transportation Research Record*, 2191:128-135.
- 2006 **McAndrews**, Carolyn, Josefina Flórez, Elizabeth Deakin. (2006). “Views of the Street: Using Community Surveys and Focus Groups to Inform Context-Sensitive Design.” *Transportation Research Record*, 1981:92-99.
- 2005 Hansen, Mark, Carolyn **McAndrews**. (2005). “The Challenges of Measuring Performance for the FAA Safety Oversight System.” *Transportation Research Record*, 1937:31-36.

Peer-Reviewed Book Chapters

- 2017 **McAndrews**, Carolyn. (Forthcoming). “Transportation and Land Use as Environmental and Social Determinants of Health,” in *Planning for a More Sustainable Future: The Integration of Transportation, Land Use, and Environmental Planning for Equity, Economic Development, and a Healthy Environment*, Elizabeth Deakin, ed.
- 2017 **McAndrews**, Carolyn, Ed Christopher, Eloisa Raynault. (Forthcoming). “How Practitioners Bring Population Health Ideas into Other Policy Sectors: Lessons from Transportation,” in *Population Health: The Translation of Research to Policy*, Robert Hiatt, ed. Robert Wood Johnson Foundation Health and Society Scholars Program, Case Studies and Commentary. Berkeley, CA: University of California Press.
- 2014 Cleaves, Rachel, Carolyn **McAndrews**, and Mike Green. (2014). “Residents and Local Groups Organize to Reduce Health Disparities in Westwood,” in *Asset-Based Community Engagement in Higher Education*, John Hamerlinck and Julie Plaut, eds. Minneapolis, MN: Minnesota Campus Compact.
- 2011 Schipper, Lee, Elizabeth Deakin, and Carolyn **McAndrews**. (2011). “Carbon Dioxide Emissions from Urban Road Transport in Latin America: CO₂ Reduction as a Co-Benefit of Transport Strategies” in *Transport Moving to Climate Intelligence: New Chances for Controlling Climate Impacts of Transport after the Economic Crisis*,

Werner Rothengatter, Yoshitsugu Hayashi, and Wolfgang Schade, eds. New York: Springer.

Editor-Solicited Articles (Student advisees are underlined)

- 2014 **McAndrews**, Carolyn, Justine Marcus. (2014). “Reducing the Negative Effects of Traffic on Communities: Public Engagement, Planners’ Engagement, and Policy Change.” *Planning & Environmental Law*, 66(9):6-10.

Peer-Reviewed Conference Proceedings (Student advisees are underlined)

- 2017 **McAndrews**, Carolyn, Kenta Okuyama, Jill S. Litt. (2017). “The Reach of Bicycling in Small, Rural, and Low-Density Places.” Transportation Research Board 96th Annual Meeting.
- 2017 Marshall, Wesley E., Carolyn **McAndrews**. (2017). “Understanding Livable Streets in the Context of the Arterials That Surround Them. Transportation Research Board 96th Annual Meeting.
- 2016 **McAndrews**, Carolyn. (2016). “Learning the Art of 'At-Grade' Communication: Facilitation and Dialogue Skills Training in Transportation Education.” Transportation Research Board 95th Annual Meeting.
- 2014 **McAndrews**, Carolyn, Justine Marcus, Melanie Sloan. (2014). “Collective Public Participation: How Organized Communities Participate in Transportation Decision-Making.” Transportation Research Board 93rd Annual Meeting.
- 2012 **McAndrews**, Carolyn. (2012). “A Regional Perspective on the Relative Risk of Travel Modes: Geographic, Demographic, and Infrastructure Characteristics of Road Safety Disparities in the San Francisco Bay Area.” Transportation Research Board 91st Annual Meeting.
- 2010 Schipper, Lee, Elizabeth Deakin, Carolyn **McAndrews**. (2010). “Carbon Dioxide Emissions from Road Transport in Latin America.” *Climate and Transportation Solutions: Findings from the 2009 Asilomar Conference on Transportation and Energy Policy*, Dan Sperling and James S. Cannon, eds. Davis, CA: Institute of Transportation Studies University of California Davis
- 2008 **McAndrews**, Carolyn, Elizabeth Deakin, Alfredo Celis de la Rosa. (2008). “Strategies for Improving Pedestrian Safety: Cases from Jalisco and Michoacán, México.” Transportation Research Board 87th Annual Meeting.

Publications Under Review / In Revision (Student advisees are underlined)

- 2017 Tabatabaie, Sara, Jill S. Litt, Carolyn **McAndrews**, Fahriye Sancar. (2017). “The Role of Bicycle Master Plans in Advancing Bicycle-Friendly Places at the Municipal

- Level.” Under review at the *Journal of Physical Activity and Health*.
- 2017 **McAndrews**, Carolyn, Sara Tabatabaie, Jill S. Litt. (2017). “Bicycle Planning and Its Politics in Rural, Small, and Low-Density Places.” Under review at *Journal of the American Planning Association*.
- 2017 **McAndrews**, Carolyn and Elizabeth Deakin. (2017). “Public Health Advocacy in Transportation Planning and Decision-Making: The Case of Health Impact Assessment.” Under review for special issue of *Case Studies on Transport Policy* and pre-selected for publication.
- 2016 **McAndrews**, Carolyn, Wesley E. Marshall. (2016). “Livable Streets, Livable Arterials? Characteristics of Commercial Arterials Associated with Residential Satisfaction.” Under review at the *Journal of the American Planning Association*.
- 2016 Rosenlieb, Evan, Carolyn **McAndrews**, Wesley E. Marshall, Austin Troy. (2016). “Urban Development Patterns and Exposure to Hazardous and Protective Traffic Environments.” Accepted with minor revisions at *Journal of Transport Geography*.
- 2015 **McAndrews**, Carolyn, Jane Hansberry. (2015). “Facilitation and Dialogue as Methods of Reflective Practice in Professional Education.” Under review at *Planning Practice and Research*.

Publications in Preparation (Student advisees are underlined)

- 2017 **McAndrews**, Carolyn, Elizabeth Deakin, Sarah Turnbach. (2017). “The Effectiveness of Activism in Addressing Transportation's Public Health Impacts.” In preparation for *Urban Studies*.
- 2017 **McAndrews**, Carolyn, Evan Rosenlieb, Wesley E. Marshall. (2017). “Influence of Streets and Traffic on Residents’ Perceptions of Social Disorder and Physical Decay.” In preparation for *Environment and Behavior*.
- 2017 **McAndrews**, Carolyn, Wesley E. Marshall. (2017). “Road Safety Targets for Reducing Transportation Injury Disparities.” In preparation for *Transport Policy*.
- 2017 **McAndrews**, Carolyn. (2017). “The Worksite as a Generator of Physically Active Travel.” In preparation for *American Journal of Preventive Medicine*.

Non Peer-Reviewed—Reports with External Funding (Student advisees are underlined)

- 2016 Litt, Jill S., Carolyn **McAndrews**. (2016). “Cross-Site Evaluation of the Kaiser Permanente Walk and Wheel Initiative.” Kaiser Permanente Colorado Community Benefit.
- 2016 Litt, Jill S., Carolyn **McAndrews**, Mahalia Hopkins. (2016). “Walk and Wheel Evaluation: Worksite Report.” Kaiser Permanente Colorado Community Benefit.

- 2012 **McAndrews**, Carolyn, Justine Marcus, Jo Kelley, Kim Neuschel, Pa Vang. (2012). “Turning Highways Into Health Infrastructure.” Research report produced with the Verona Road Justice Coalition and the Department of Public Health Madison Dane County. Robert Wood Johnson Foundation Health and Society Scholars Program.
- 2009 **McAndrews**, Carolyn, Elizabeth Deakin, and Lee Schipper. (2009). “Climate Change and Urban Transportation in Latin America: An Analysis of Recent Projects.” The World Bank.
- 2009 Schipper, Lee, Elizabeth Deakin, Carolyn **McAndrews**, and Lynn Scholl. (2009). “Climate Change Considerations in Latin American Cities: Concepts, Applications, and Cases.” The World Bank.
- 2007 **McAndrews**, Carolyn and Yorgos Voukas. (2007). “Sustainable Transportation Indicators for the *EMBARQ* Network.” Research report for Centro de Transporte Sustentable de México. CTS México.
- 2007 Hansen, Mark, Carolyn **McAndrews**, Emily Berkeley, Joana Gribko, David Berkey, and Shahab Hasan. (2007). “Understanding and Evaluating the Federal Aviation Administration Safety Oversight System.” Federal Aviation Administration.
- 2005 **McAndrews**, Carolyn, Mark Hansen and Emily Berkeley. (2005). “Safety Oversight Evaluation Methods in Rail, Nuclear Power, and Aviation.” Federal Aviation Administration.
- 2004 Hansen, Mark, Carolyn **McAndrews**, and Emily Berkeley. (2004). “History of Aviation Safety in the United States.” Federal Aviation Administration.

Non Peer-Reviewed—Outreach Publications for Practitioner and Popular Audiences

- 2016 **McAndrews**, Carolyn. (2016). “Promoting Public Input into a Major Transportation Public Works Project,” in *Knowledge Exchange Experiences from the Health & Society Scholars Program at the University of Wisconsin at Madison*, Kristin Harper, ed. <https://uwphi.pophealth.wisc.edu/HSS-knowledge-exchange/KnowledgeExchangeFullReport.pdf>
- 2013 Massachusetts Department of Transportation (with Andrew Dannenberg, Carolyn **McAndrews**, Ed Christopher). (2013). “Quantifying Health Costs and Health Benefits for Transportation Investment Analysis.” Peer-reviewed research needs statement, Transportation Research Board.
- 2013 **McAndrews**, Carolyn. (2013). “Top Ten Thought Provoking Themes and Questions from the Public Health and Transportation Cross-cutting Session, 2013 TRB Annual Meeting.” Published in the TRB Health and Transportation Subcommittee Spring 2013 Newsletter.
- 2012 Hartell, Ann, Carolyn **McAndrews**. (2012). “Implementation Strategies for Health

- Components of Transportation Plans.” Peer-reviewed research needs statement, Transportation Research Board.
- 2012 Hartell, Ann, Carolyn **McAndrews**. (2012). “Data for Health and Transportation Planning and Programs.” Peer-reviewed research needs statement, Transportation Research Board.
- 2012 **McAndrews**, Carolyn, Ann Hartell. (2012). “Improving Access to Healthy Food through Transportation Projects and Policies.” Peer-reviewed research needs statement, Transportation Research Board.
- 2012 **McAndrews**, Carolyn, Justine Marcus, Jo Kelley, and Michael Dean Hebert. (2012). “Verona Road Can Be a Better Neighbor.” Video.
- 2012 **McAndrews**, Carolyn. (2012). “Rethink the Verona Road Construction Plan.” *Wisconsin State Journal*. 24 May 2012.

Grants

External Awards

- 2015-2017 Principal Investigator, “Effects of Infill Development and Regional Growth on At-Risk Populations’ Exposure to Traffic Density” Mountain Plains Consortium University Transportation Center, 2015-2017, (\$60,000, excluding internal match)
- 2014-2017 Co-Principal Investigator (with Wesley Marshall, Krista Nordback, and Bruce Janson), “Why Are Bike-Friendly Cities Safer for All Road Users?” Mountain Plains Consortium University Transportation Center, (\$146,991 excluding internal match)
- 2014-2015 Co-Principal Investigator (with Jill Litt), “Walk and Wheel Initiative Evaluation.” Kaiser Permanente Colorado Community Benefit, (\$99,174)
- 2013-2015 Co-Principal Investigator (with Wesley Marshall), “Livable Arterials” Mountain Plains Consortium University Transportation Center Grant, (\$80,916, excluding internal match)
- 2012-2013 Principal Investigator, Colorado Center for Community Development, LiveWell Colorado project in the Westwood neighborhood in Denver, Colorado, (\$178,891); Lois Brink PI (2009-2011)
- 2012-2013 Principal Investigator, Colorado Center for Community Development, LiveWell Colorado project in the Globeville-Elyria-Swansea neighborhood in Denver, Colorado, (\$183,418)

Internal Awards

- 2016-2017 Principal Investigator, “The Effectiveness of Activism in Addressing Transportation’s Public Health Impacts,” University of Colorado YUMPS/Departmental. (\$1,000)
- 2015-2016 Principal Investigator, “Denver Federal Boulevard as a Model for Denver Corridor Planning,” University of Colorado YUMPS/Departmental. (\$1,000)
- 2015-2016 Principal Investigator, “A Moving Target: How Rural, Small, and Low-Density Communities in Colorado Are Redefining Walking and Bicycling and Challenging Stereotypes of Physical Activity and Health,” University of Colorado YUMPS/Office of Research Services/Departmental, (\$1,000)
- 2014-2015 Principal Investigator, “Does Training in Facilitation Increase Students’ Professional Self-Awareness,” President’s Teaching and Learning Collaborative: Scholarship of Teaching and Learning, University of Colorado, (\$1,550)
- 2013-2014 Co-Principal Investigator (with Wesley Marshall), “Does the livability of a residential street depend on the characteristics of the neighboring street network?” UC Denver Faculty Development Grant, (\$9,670)
- 2013-2014 Principal Investigator, “Social and Demographic Differences in Traffic Injury Risk and Exposure in Wisconsin,” University of Colorado YUMPS/Departmental, 2013-2014 (\$1,000)
- 2013-2014 Colorado Center for Community Development affiliate award, (\$3,500)

Grants Awarded as a Postdoc or Graduate Student

- 2011-2012 Robert Wood Johnson Foundation, Health and Society Scholars Competitive Grant, 2011-2012, (\$11,000)
- 2010-2011 Robert Wood Johnson Foundation, Health and Society Scholars Competitive Grant, 2010-2011, (\$25,000)
- 2008-2009 University of California Transportation Center Dissertation Grant, (\$15,000)
- 2008-2009 Swedish Women’s Educational Association Scholar, (\$5,000)
- 2007-2009 Eisenhower Transportation Fellow, (varied from \$3,000 to \$15,000)
- 2006 University of California Institute for Mexico and the United States, Small Grant, (\$3,000)
- 2005 University of California Institute for Mexico and the United States, Small Grant, (\$3,000)

2003-2009 University of California Transportation Center Fellowship, (varied from \$2,500 to \$10,000)

Presentations

Peer-Reviewed Presentations at Meetings and Conferences (Student advisees are underlined)

- 2017 **McAndrews**, Carolyn, Kenta Okuyama, Jill S. Litt. (2017). “The Reach of Bicycling in Rural, Small, and Low-Density Places.” Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2017.
- 2016 **McAndrews**, Carolyn. (2016). “Bicycling out of Bounds: Models of Bicycling in Rural, Small, and Low-density Places.” Association of Collegiate Schools of Planning Annual Meeting. Portland, OR, Nov. 2016.
- 2016 **McAndrews**, Carolyn. (2016). “Learning the Art of ‘At-Grade’ Communication: Facilitation and Dialogue Skills Training in Transportation Education.” Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2016.
- 2015 **McAndrews**, Carolyn. (2015). “The Politics of Collective Participation in Transportation Decision-Making,” Association of Collegiate Schools of Planning Annual Meeting, Houston, TX, Oct. 2015.
- 2015 **McAndrews**, Carolyn, Kara Silbernagel, Kirsten Beyer, Clare E. Guse, Peter Layde. (2015). “Pedestrian and Motor Vehicle Occupant Safety in Rural and Urban Communities: Comparison of Fatality Risk per Trip,” Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2015.
- 2014 **McAndrews**, Carolyn, Wesley E. Marshall, Laia Mitchell, Craig Fisher. (2014). “Livable Streets. Livable Arterials?” Association of Collegiate Schools of Planning Annual Meeting, Philadelphia, PA, Nov. 2014.
- 2014 Tabatabaie, Sara, Jill S. Litt, Carolyn **McAndrews**. (2014). “Are We Getting to Bicycle-Friendly Communities? The Role of the Plan in Advancing Built-Environment Change: Lessons from Cities in Colorado,” Association of Collegiate Schools of Planning Annual Meeting, Philadelphia, PA, Nov. 2014.
- 2014 **McAndrews**, Carolyn, Kirsten Beyer, Clare E. Guse, Peter Layde. (2014). “Targets for Reducing Disparities in Road Safety Across Travel Modes and Populations,” New Partners for Smart Growth: Beyond Silos, Denver, CO, Feb. 2014.
- 2014 **McAndrews**, Carolyn, Kirsten Beyer, Clare E. Guse, Peter Layde. (2014). “Techniques for Using Hospital, Police, and Travel Survey Data to Analyze Transportation Injury Risk. Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2014.
- 2014 **McAndrews**, Carolyn, Justine Marcus, Melanie Sloan. (2014). “Collective Public Participation: How Organized Communities Participate in Transportation Decision-

- Making.” Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2014.
- 2012 **McAndrews**, Carolyn. (2012). “Arterial Roads and Health Disparities: A Case Study.” Association of Collegiate Schools of Planning, Cincinnati, OH. Oct. 2012.
- 2011 **McAndrews**, Carolyn. (2011). “Reframing Road Safety as a Population Health Issue: Disparities and Social Factors.” Association of Collegiate Schools of Planning Annual Meeting, Salt Lake City, UT. Oct. 2011.
- 2011 **McAndrews**, Carolyn. (2011). “Road Safety as a Shared Responsibility and a Public Problem: Revisiting Vision Zero.” Society for the Study of Social Problems Annual Meeting, Las Vegas, NV. Aug. 2011 & Society for Social Studies of Science Annual Meeting, Cleveland OH, Nov. 2011.
- 2011 **McAndrews**, Carolyn. (2011). “The Swedish Model of Road Safety: Multimodalism and Its Implications for Organizing Transportation and Land Use Professionals.” Midwest Political Science Association Conference, Chicago, IL. Apr. 2011.
- 2010 **McAndrews**, Carolyn. (2010). “Safety Ideas in Land Use Planning and Street Design in California and Sweden.” 2010 World Conference in Transportation Research, Lisbon. Jul. 2010.
- 2010 **McAndrews**, Carolyn, Elizabeth Deakin, Lee Schipper. (2010). “Institutional and Organizational Factors in Transportation’s Responses to Climate Change Mitigation: Perspectives from Latin America.” 2010 World Conference in Transportation Research, Lisbon. Jul. 2010.
- 2010 **McAndrews**, Carolyn, Elizabeth Deakin, Lee Schipper. (2010). “Climate Change and Urban Transportation in Latin America: An Analysis of Recent Projects.” Transportation Research Board Annual Meeting, Washington, D.C., Jan. 2010.
- 2009 **McAndrews**, Carolyn. (2009). “Safety Ideas and Adaptation in Swedish Street Design Guidelines, 1968-2009.” Associated Collegiate Schools of Planning Conference, Crystal City, VA, Oct. 2009.
- 2008 **McAndrews**, Carolyn. (2008). “Strategies for Improving Pedestrian Safety: Cases from Guadalajara, Jalisco and Morelia, Michoacán.” Transportation Research Board Annual Meeting, Washington D.C., Jan. 2008.
- 2005 **McAndrews**, Carolyn, Elizabeth Deakin, Alfredo Celis de la Rosa. (2005). “Pedestrian Safety at the Urban Fringe: A Case Study of Guadalajara, Jalisco, Mexico.” Association of Collegiate Schools of Planning Conference, Kansas City, Nov. 2005.
- 2005 **McAndrews**, Carolyn, Mark Hansen. (2005). “Challenges of Measuring the Performance of FAA’s Safety Oversight System.” Transportation Research Board

Annual Meeting, January 2005; FAA Centers of Excellence Conference, Mar. 2005.

Non Peer-Reviewed Presentations at Meetings and Conferences

- 2016 **McAndrews**, Carolyn. (2016). “Transportation and Land Use as Social Determinants of Health.” Planning for a More Sustainable Future: Symposium on the Integration of Transportation, Land Use, and Environmental Planning for Equity, Economic Development, and a Healthy Environment. Berkeley, CA, Oct. 2016.
- 2016 **McAndrews**, Carolyn. (2016). Research update at the 2016 University of Wisconsin-Madison Scholarpalooza, Madison, WI, Jun. 2016.
- 2012 **McAndrews**, Carolyn. (2012). “Overview of Motorization Trends in the Latin America and Caribbean Region.” Urban Transport Pathways: Do the Experiences of the US and the EU Offer Lessons for the Developing World, Berkeley, CA, Sep. 2012.
- 2012 **McAndrews**, Carolyn. (2012). “Transforming Highways Into Health Infrastructure: Integrating Transportation and Health Policy.” Population Health Sciences Seminar, University of Wisconsin-Madison, Madison, WI, Apr. 2012.
- 2012 **McAndrews**, Carolyn. (2012). “Transforming Highways Into Health Infrastructure: Integrating Transportation and Health Policy.” Robert Wood Johnson Foundation Annual Meeting, Bethesda, MD, Apr. 2012.
- 2011 **McAndrews**, Carolyn. (2011). “Road Safety Disparities: Do Some Travelers Have Higher Exposure to Hazardous or Protective Environments?” Robert Wood Johnson Foundation Health and Society Scholars Program Annual Meeting, Bethesda, MD. May 2011.
- 2008 **McAndrews**, Carolyn. (2008). “Urban Transportation, Urban Development, and Motorization in Mexico.” Presentation to the Latin American and Caribbean transport group of the World Bank. Berkeley, CA, Sep. 2008.
- 2007 **McAndrews**, Carolyn. (2007). “Sistemas urbanos y la seguridad peatonal: el caso del Periférico de la Zona Metropolitana de Guadalajara.” First Annual International Accident Prevention Conference of Jalisco, Puerto Vallarta, Nov. 2007.
- 2005 Armstrong, K., C. Cherry, J. Day, E. Deakin, J. Flórez, C. **McAndrews**, L. Mejias, G. Newmark, J. Rubin, and J. Stagi. (2005). “The Revitalization of San Pablo Avenue – A Multimodal Urban Corridor.” U.S. Environmental Protection Agency’s P3 – People, Planet, and Prosperity – Student Design Competition. Apr. 2005.

Seminar and Workshop Presentations

- 2014 **McAndrews**, Carolyn. (2014). “Transportation and Land Use.” Guest lecture in Built Environment and Behavior, Environmental Studies Program, University of Colorado Boulder, Oct. 2014.

- 2012 **McAndrews**, Carolyn. (2012). “Our Transportation Environments Can Be Better Neighbors and Support Healthier Communities.” Institute for Health and Society, Medical College of Wisconsin, Apr. 2012.
- 2011 **McAndrews**, Carolyn. (2011). “Land Use and Transportation Systems: Their Governance and How They Influence Behavior and Health Outcomes” University of Wisconsin-Madison, URPL 590: Urban Design—Theory and Practice, Dec. 2011.
- 2011 **McAndrews**, Carolyn. (2011). “Safety and the Organization of Transportation and Land Use Professionals.” Department of Urban and Regional Planning, University of Wisconsin-Madison. Feb. 2011.
- 2010 **McAndrews**, Carolyn. (2010). “Swedish Urbanism and Global Road Safety Expertise.” Swedish Women’s Educational Association, San Francisco, CA, Mar. 2010.
- 2009 Deakin, Elizabeth and Carolyn **McAndrews**. (2009). “Challenges of Managing the Multi-Use Arterial.” American Planning Association, California Chapter Conference, Squaw Valley, CA, Sep. 2009.
- 2007 Deakin, Elizabeth, Carolyn **McAndrews**, and Dhyana Quintanar. (2007). “Transit-Oriented Development in the Mexican Context.” Workshop held at the 3er Congreso Internacional de Transporte Sustentable, Mexico City, Sep. 2007

Membership in Professional Organizations

- 2016-present Interdisciplinary Association for Population Health Science, Member
- 2012-present American Planning Association, Colorado Chapter, Member
- 2012-present Association of Collegiate Schools of Planning, Member
- 2010-present Women’s Transportation Seminar (WTS), Member
- 2005-present Transportation Research Board, Member

Other Professional Activities

- Jun. 2007 – Practicante, Centro de Transporte Sustentable México (EMBARQ México),
Aug. 2007 Coyoacán, México
- Jun. 2000 – Research Analyst/Research Associate, Charles River Associates, Oakland, CA
Jun. 2003

Teaching

I teach the history and theory of planning, which is a core course in the Master of Urban Planning program. In addition, I teach elective courses in my fields of expertise, including transportation, public health, and urban economic analysis. My students are adult learners who are earning professional degrees in disciplines such as planning, landscape architecture, geography, public affairs, public health, and engineering. They have a practical orientation, and I have grounded my teaching style in the knowledge and skills needed for professional practice.

Courses Taught at University of Colorado Denver

Environmental and Community Health Planning (Planning Healthy Communities)

- Graduate course examining issues at the intersection of public health, place, and policy using theory and applied examples.

Planning History and Theory

- Graduate core course in the Master of Urban Planning program. Survey of planning history and theory.

Small Town, Rural, and Resort Planning

- Graduate course focusing on planning and design in rural, small, and low-density places. Covering the economic and demographic history of rural people and places, planning and design problems unique to these settings, and planning at the urban-rural edge.

Transportation, Land Use and the Environment (Transportation and Land Use Planning)

- Graduate course examining transportation and land use interaction through four disciplinary lenses: planning, engineering, political science, and geography. Uses applied examples to integrate theory and practice ideas.

Transportation Planning and Policy

- Graduate course about the technical design of transportation systems in relation to social goals such as environmental protection, economic development, public health and safety, and social equity. Covers public engagement, the development of design standards, and professional ethics.

Urban Economic Analysis

- Graduate course introducing students to the fundamentals of urban, land, and environmental economics, covering topics such as land markets, environmental regulation, infrastructure and service finance, non-market valuation, and decision analysis.

Summary of Courses Taught and Student Evaluations

Course Number	Course Title	Graduate (G) Undergrad (UG)	Co-taught (CT) Single (S)	Students	Course Rating (6pt scale)	Instructor Rating (6pt scale)
Fall 2012						
URPL 5000	Planning History & Theory	G	CT	55	4.2	4.5
URPL 6550	Transport Planning & Policy	G	S	16	4.4	4.7
Spring 2013						
URPL 6555	Transport & Land Use Plan	G	S	10	4.1	4.4
Fall 2013						
URPL 5000	Planning History & Theory	G	CT	55	4.1	4.9
URPL 6550	Transport Planning & Policy	G	S	13	4.1	4.6
Spring 2014						
URPL 6555	Transport & Land Use Plan	G	S	14	4.9	5.1
URPL 6300	Planning Healthy Comm	G	S	11	5.7	5.7
Fall 2013						
URPL 5000	Planning History & Theory	G	CT	55	4.5	5.0
URPL 6550	Transport Planning & Policy	G	S	10	5.3	5.4
Spring 2015						
URPL 6555	Transport & Land Use Plan	G	S	12	5.0	5.9
URPL 6300	Planning Healthy Comm	G	S	9	5.4	5.6
Fall 2015						
URPL 5000.001	Planning History & Theory	G	S	26	4.3	4.9
URPL 5000.002	Planning History & Theory	G	S	24	4.3	4.8
Spring 2016						
URPL 6555	Transport & Land Use Plan	G	S	10	5.0	5.5
URPL 6300	Planning Healthy Comm	G	S	7	5.1	5.6
Fall 2016						
URPL 5000.002	Planning History & Theory	G	S	20	5.4	5.9
URPL 6450.001	Urban Economic Analysis	G	S	9	4.9	5.5
Spring 2017						
URPL 6555	Transport & Land Use Plan	G	S	11	TBD	TBD
URPL 6300	Planning Healthy Comm	G	S	11	TBD	TBD

Service

To the profession and academy

2017	Membership National Academies of Sciences, Engineering, and Medicine, National Cooperative Highway Research Program (NCHRP) Project Panel, <i>A Guidebook for Communications between Transportation and Public Health Communities</i>
2016-present	Member National Academies of Sciences, Engineering, and Medicine, National Cooperative Highway Research Program (NCHRP) Project Panel, <i>Research Roadmap – Public Health and Transportation</i>
2015-present	Secretary and Paper Review Coordinator National Academies of Sciences, Engineering, and Medicine Transportation Research Board Task Force on Health and Transportation
2012-present	Member National Academies of Science, Engineering, and Medicine Transportation Research Board Committee on Social and Economic Factors of Transportation
2011-present	Member (2011-present), Research Needs Co-Coordinator (2011-present), Secretary (2014-2016), Paper Review Coordinator (2015), Communications Co-Coordinator (2011-2014) National Academies of Sciences, Engineering, and Medicine Transportation Research Board Health and Transportation Subcommittee
2006-present	Member Martin Wachs Distinguished Lecture in Transportation, Governing Board
2014-2015	Member North Denver Cornerstone Collaborative Urban Design Peer Review Committee, City of Denver

Reviewer for journals:

- *Transportation, Transport Policy, Transportation Research Record, Transport Geography, Accident Analysis and Prevention, Injury Prevention, American Journal of Public Health, Journal of the American Planning Association, Journal of Planning Education and Research, Science, Technology, and Human Values, Environmental Science and Technology*

Reviewer for grants:

- Transportation Research Center for Livable Communities, Xi'an Jiaotong-Liverpool University

Reviewer for prizes:

- American Association of Geographers Health and Medical Geography Jacques May Thesis Prize

Service to the Department of Urban and Regional Planning

2016-2017	Member, Local host committee for Association of Collegiate Schools of Planning Annual Meeting, Denver, CO
2016-present	Faculty representative, Colorado Chapter of the American Planning Association
2015-present	Faculty sponsor, WTS Student Chapter
2012-present	Member, Student admissions committee
2012-2013	Member, Faculty search committee (3 positions)
2012-2013	Co-Coordinator, “Lunchtime Forum” speaker series

Service to the College of Architecture and Planning

2016-2017, 2013-2014	Faculty coordinator, College of Architecture and Planning Lecture Series
2016-2017	Planning Department Representative on the Subcommittee on Student Assessment, College of Architecture and Planning, PhD Program in Planning and Design
2012-present	Member, College of Architecture and Planning, PhD Program
2014	Member, College of Architecture and Planning Grants Manager search committee
2012	Planning Department Representative on the Subcommittee on Vision, Mission and Goals, College of Architecture and Planning, PhD Program in Planning and Design
2012	Representative of College of Architecture and Planning at Idealist Career Fair recruiting event

Service to the University of Colorado Denver

2013-2016	Member of panel and/or presentation, CU Denver New Faculty Orientation
2015	Presenter, CU Denver Center for Faculty Development Lunch and Learn
2014	Member, Faculty Development Center Director search committee
2014	Member of grant review committee, Faculty Development Center Faculty Development Grant
2012-2013	Member of organizing committee, Research and Creative Activities Symposium

Service to the University of Colorado System

2015	Presenter, CU Women Succeeding Symposium
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Outreach Activities

- Interview with Nathaniel Minor, Colorado Public Radio, June 5, 2015, <https://www.cpr.org/news/story/tuk-tuks-symbol-developing-world-are-coming-denver>.

- Interview with Thomas Piepert, Associated Press, background interview for piece about tuk tuks in Denver, October 13, 2014
- Interview with Burt Hubbard, Rocky Mountain PBS iNews, “Hit and Run Sentencing Varies by County,” May 19, 2014
- GES LiveWell: Participating in grassroots community health planning in Globeville-Elyria-Swansea neighborhoods in Denver, CO, 2012-2013
- GES LiveWell: Coordinating student projects in Transportation and Land Use that support grassroots community planning and official city plans for Elyria and Swansea neighborhoods with the City of Denver, Spring 2013
- Westwood Unidos: Participating in grassroots community health planning in the Westwood neighborhood in Denver, CO: Safety Committee and Built Environment Committee, 2012-2013