

The University of Texas at Austin
School of Architecture
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EDUCATION

University of California, Berkeley, PhD, City and Regional Planning (2009)

Dissertation: *Planners and the Pork Barrel: Metropolitan Engagement in and Resistance to Congressional Transportation Earmarking*

Distinction: 2010 Charles Wootan Award, U.S. Council of University Transportation Centers. For the best dissertation in the area of transportation planning and policy.

University of California, Los Angeles, MA, Urban Planning (2000)

Project: *Planning for Safe Urban Cycling: Bicycle Collisions in Los Angeles*

Columbia University, BA, Major: History, Major: German Studies, *cum laude* (1993)

ACADEMIC APPOINTMENTS

The University of Texas at Austin, School of Architecture

Assistant Professor of Community and Regional Planning (August 2016 – present)

University of California, Davis

Institute of Transportation Studies

Professional Researcher (Sept. 2014 – Aug. 2016); Post-Doctoral Researcher (Sept. 2010 – Aug. 2014)

Department of Civil and Environmental Engineering

Lecturer (Fall 2015, Fall 2011)

Department of Environmental Science and Policy

Lecturer (Spring 2013, Spring 2016)

Rutgers University, Edward J. Bloustein School of Planning and Public Policy

Visiting Lecturer (2009)

City College, The City University of New York, Department of Civil Engineering

Visiting Lecturer (2009)

JOURNAL ARTICLES

- 20 (refereed) Sciara, G.-C., & Lee, A. (2018). Allocating Transportation Revenues to Support Climate Policies in California and Beyond. *The California Journal of Politics and Policy*, 10(1). <https://doi.org/10.5070/P2cjpp10139474>
- 19 (refereed) Sciara, G.C., Lovejoy, K., & Handy, S. (2018) The Impacts of Big Box Retail on Downtown: A Case Study of Target in Davis (CA). *Journal of the American Planning Association*. 84(1), 45-60. doi: 10.1080/01944363.2017.1404926
- 18 (refereed) Lowe, C. & Sciara, G.C. (2018) Chasing TIGER: Federal Funding Opportunities and Regional Transportation Planning. *Public Works Management and Policy*. 23(1) 78-97 doi: 10.1177/1087724X17732583
- 17 (refereed) Sciara, G.-C. (2017). Metropolitan Transportation Planning: Lessons from the Past, Institutions for the Future. *Journal of the American Planning Association*, 83(3), 262-276. doi:10.1080/01944363.2017.1322526

JOURNAL ARTICLES – *continued*

- 16 (refereed) Sciara, G.-C., Bjorkman, J., Stryjewski, E., & Thorne, J. (2017). Mitigating environmental impacts in advance: Evidence of cost and time savings for transportation projects. *Transportation Research Part D: Transport and Environment*, 50(January): 316–326. <https://doi.org/10.1016/j.trd.2016.10.017>
- 15 (refereed) Sciara, G.-C., & Stryjewski, E. (2015). Saving Money when Safeguarding Species and Habitats: Conventional vs. Advance Land Acquisition for Transportation Mitigation. *Research in Transportation Economics*, 52, 100-110. doi: 10.1016/j.retrec.2015.10.011
- 14 Handy, S. L., Lovejoy, K., Sciara, G.-C., Salon, D., & Mokhtarian, P. (2013). The First Big-Box Store in Davis. *Access*, 46(Spring). (Adapted from Journal Article 11) <https://www.accessmagazine.org/spring-2015/the-first-big-box-store-in-davis/>
- 13 (refereed) Sciara, G.-C., Bjorkman, J., Lederman, J., Schlotterbeck, M., Thorne, J., Wachs, M., & Kirkham, S. (2015). Experimentation and Innovation in Advance Mitigation: Lessons from California. *Transportation Research Record: Journal of the Transportation Research Board*, 2502, 144-153. doi: 10.3141/2502-17
- 12 (refereed) Salon, D., Murphy, S., & Sciara, G.-C. (2014). Local Climate Action: Motives, Enabling Factors, and Barriers. *Carbon Management*, 5(1), 67-79. <http://dx.doi.org/10.4155/cmt.13.81>
- 11 (refereed) Lovejoy, K., Sciara, G.C., Salon, D., Handy, S. L., & Mokhtarian, P. (2013). “Measuring the Impacts of Local Land Use Policies on Vehicle Miles of Travel: The Case of the First Big Box Store in Davis, California.” *Journal of Transport and Land Use*, 6(1), 25–39. <http://dx.doi.org/10.5198/jtlu.v6i1.336>
- 10 (refereed) Sciara, G. C. (2012). “Financing Congressional Earmarks: Implications for Transport Policy and Planning.” *Transportation Research Part A: Policy and Practice*, 46(8), 1328-1342. <http://dx.doi.org/10.1016/j.tra.2012.05.001>
- 9 Sciara, G.C. (2012). Peering Inside the Pork Barrel. *Access*, 41, 16-22. (Adapted from Journal Article 10) <http://www.uctc.net/access/41/access-41-pork.pdf>
- 8 (refereed) Sciara, G.C. (2012). “Peering Inside the Pork Barrel: A Study of Congressional Earmarking in Transportation.” *Public Works Management and Policy*, 17(3), 217-237. <http://dx.doi.org/10.1177/1087724X12445777>
- 7 (refereed) Sciara, G.C. (2012). “Planning for Unplanned Pork: The Consequences of Congressional Earmarking for Regional Transportation Planning.” *Journal of the American Planning Association*, 78(3), 239-255. <http://dx.doi.org/10.1080/01944363.2012.694269>
- 6 (refereed) Sciara, G.C. “Earmark Pursuit Practices of MPOs and Their Members.” *Transportation Research Record*, 2119 (2009): 58-65 <http://trrjournalonline.trb.org/doi/pdf/10.3141/2119-08>
- 5 (refereed) Sciara, G.C., and Wachs, M. “Metropolitan Transportation Funding: Prospects, Progress, and Practical Considerations.” *Public Works Management and Policy* 12, no. 1 (2007): 378-94. <http://dx.doi.org/10.1177/1087724X07303987>
- 4 (refereed) Weinstein, Asha, and Sciara, G.C. “Unraveling Equity in HOT Lane Planning: A View from Practice.” *Journal of Planning Education and Research* 26 (2006): 174-85. <http://dx.doi.org/10.1177/0739456X06288093>
- 3 Sciara, G. C. "Making Communities Safe for Bicycles." *Access* 22 (2003): 28-32. (Adapted from Report 2) <http://www.uctc.net/access/22/Access%2022%20-%202005%20-%20Bicycles%20and%20Communities.pdf>

JOURNAL ARTICLES – *continued*

- 2 Sciara, G.C. "Isle Fly Away: The Future of Governors Island in New York Harbor." *City Limits* Aug/Sept (1997): 28-32. <http://www.citylimits.org/news/articles/2671/isle-fly-away>
- 1 Sciara, G.C. "New York City Pedestrians Just Want a Little Respect." *Community Policing* (1997).

BOOK CHAPTERS

- 2 Sciara, G.C. and Handy, S.L. "Regional Transportation Planning." (2017) Hanson, S. and G. Giuliano (eds) *The Geography of Urban Transportation*, Fourth Edition, New York: The Guilford Press.
- 1 Sciara, G.C. (2002). U.S. Transportation Responses to NAFTA: A Window on U.S.-Mexico Transport Issues. In L. Fernandez & R. Carson (Eds.), *Both Sides of the Border - Transboundary Environmental Management Issues Facing Mexico and the U.S.* (378-394). Dordrecht, The Netherlands: Kluwer Academic Publishers.

COMMENTARIES

- 1 Sciara, G.-C. (2017). Working With What You Have: California's SB 375. Public Administration Review, (Climate Change and Public Administration: A Blog Commentary Symposium). <https://publicadministrationreview.org/climate-change-symposium-californias-sb-375/>

ARTICLES IN PREPARATION

- 1 Sciara, G.C., and Hill, A. "Collaborative Governance of Regional Land Use: Overcoming Institutional Collective Action Problems to Reduce GHGs?" for submission to *Policy Studies Journal*.

RESEARCH GRANTS**External**

- 2018-2020 Principal Investigator, "Tax Increment Financing for Transit Projects," Transit Cooperative Research Program, **Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine**. With Co-P.I.s Lisa Loftus-Otway and James Kuhr. **\$49,750**
- 2017-2019 Principal Investigator, "Airport Governance in U.S. Metro Regions: Institutional Models and their Implications for Megaregional Transport," **Cooperative Mobility for Competitive Megaregions (CM2) U.S. Dept. of Transportation University Transportation Center (Tier-1)**. With Co-P.I. Megan Ryerson. **\$93,750**
- 2016-2017 Principal Investigator, "Transit Operators in Metropolitan Transportation Decisionmaking," **Cooperative Mobility for Competitive Megaregions (CM2) U.S. Dept. of Transportation University Transportation Center (Tier-1)**, **\$52,590**
- 2015-2016 Co-Principal Investigator. "Identifying, Evaluating and Selecting Indicators, Indices and Data for Future Monitoring System of the Implementation of Sustainable Communities Strategies," **California Air Resources Board**. With P.I. Paul Ong, direct and supervise tasks that assess monitoring of land use planning. (CARB Agreement No. 15RD010.) **\$149,908**
- 2015 Principal Investigator, "Statewide Advanced Mitigation Funding & Financial Strategies," **Division of Environmental Analysis, California Department of Transportation**. (Agreement No. 74A0714-01.) **\$12,550**

RESEARCH GRANTS – *continued***External**

- 2013-2016 Principal Investigator, “Statewide Advanced Mitigation Funding and Financial Strategies,” **Division of Environmental Analysis, California Department of Transportation.** (Agreement No. 74A0714.) **\$280,136**
- 2012-2013 Principal Investigator, “Characteristics of State Level Transportation Governance and Finance,” Center for Excellence in Project Finance: **U.S. Department of Transportation and American Association of State Highway and Transportation Officials.** (SPO #20124117.) **\$17,680**
- 2011-2012 Co-Investigator, “Building Support to Achieve Greenhouse Gas Targets from Land Use and Transportation Measures,” **Hewlett Foundation.** Under P.I. Caroline Rodier, managed \$72,000 portion of grant to examine regional incentives for local land use policy. (Grant No.: #2009-4189.) **\$200,000**

Internal

- 2018-19 Principal Investigator, “Can Tax Increment Finance Support Transit Improvements? Evaluating Provisions of State Enabling Legislation and Policy in the U.S.,” **Hampton K. and Margaret Frye Snell Endowment for Transportation Research,** University of Texas at Austin. **\$25,000**
- 2017-18 Principal Investigator, “How Does Innovative Bicycle Infrastructure Effect Cycling Levels and Safety? Building Evidence with Austin’s Natural Experiment,” **Hampton K. and Margaret Frye Snell Endowment for Transportation Research,** University of Texas at Austin. **\$24,960**
- 2017 Principal Investigator, “Collaboration in Spite of Collective Action Dilemmas,” **Summer Research Assignment,** University of Texas at Austin School of Architecture. **\$16,000.**
- 2016-2017 Principal Investigator, “Tracking Land Use Changes That Support Sustainable Mobility,” **Caltrans / National Center for Sustainable Transportation,** U.C. Davis. **\$86,461.**
- 2015 Principal Investigator, “Making Sustainability an Organizing Principle of Transportation Funding” **U.S. Department of Transportation / National Center for Sustainable Transportation,** U.C. Davis. **\$25,000.** (Agreement No. UCD-DOT-WP-5)
- 2014-2015 Principal Investigator, “Performance Incentives for Local Policy,” **Caltrans / National Ctr. for Sustainable Transportation,** U.C. Davis. **\$27,862.** (Agreement No. 65A0527)
- 2012-2015 Principal Investigator, “Leveraging MPO Discretion and Funding to Meet SB375 Goals,” **University of California Multicampus Research Programs and Initiatives.** **\$55,000.** (SPO #142513).

TEACHING EXPERIENCE**Courses Taught - University of Texas at Austin, School of Architecture**

- Community and Regional Planning Graduate Program**
- 2017-2018 CRP 380 F Public Economics and Finance (Graduate, 38 enrolled), Co-instructor. *Fall*
 CRP 384-09 Transportation Planning and Policy (Graduate, 15 enrolled). *Fall*
 CRP 384-04 Transportation & Land Use Planning (Graduate, 6 enrolled). *Spr*
 CRP 384-10 Bicycle and Pedestrian Planning (Graduate, 6 enrolled). *Spr*
- 2016-2017 CRP 384-09 Transportation Planning and Policy (Graduate, 17 enrolled). *Fall*
 CRP 384-10 Bicycle and Pedestrian Planning (Graduate, 11 enrolled). *Spr*

TEACHING – continued**Courses Taught - University of California, Davis**

2015-2016	TTP 289	Transportation, Technology and Policy Program Bicycle and Pedestrian Planning and Policy (Graduate, 5 enrolled). <i>Spr</i>
	ECI 165	Department of Civil and Environmental Engineering Transportation Policy (Undergraduate, 85 enrolled). <i>Fall</i>
2012-2013	ESP 271	Department of Environmental Science and Policy Applied Social Science Research Methods (Undergrad., 44 enrolled). <i>Wtr</i>
2011-2012	TTP 220	Transportation, Technology and Policy Program Regional Planning (Graduate, 15 enrolled), Co-instructor. <i>Spr</i>
	ECI 165	Department of Civil and Environmental Engineering Transportation Policy (Undergraduate, 40 enrolled). <i>Fall</i>

Courses Taught - Other Universities

2009-2010	XXX	Rutgers University, Bloustein School of Planning and Public Policy <i>Transportation & Climate Change Studio</i> (Graduate, 16 enrolled). <i>Fall</i>
	ECI 165	Dept. of Civil Engineering, City College, City University of New York <i>Transportation Policy Seminar</i> (Graduate, 10 enrolled). <i>Fall</i>
2012-2013	ESP 271	Department of Environmental Science and Policy <i>Applied Social Science Research Methods</i> (Undergraduate, 44 enrolled). <i>Wtr</i>
2011-2012	TTP 220	Transportation, Technology and Policy Program <i>Regional Planning</i> (Graduate, 15 enrolled), <i>Co-instructor. Spr</i>
	ECI 165	Department of Civil and Environmental Engineering <i>Transportation Policy</i> (Undergraduate, 40 enrolled). <i>Fall</i>
2009, <i>Fall</i>		Graduate studio in coordination with the Climate Change Working Group of the North Jersey Transportation Planning Authority for developing strategies for integrating climate change concerns into its regional transportation planning processes. http://policy.rutgers.edu/academics/projects/studios/climatechange10r.pdf
2009, <i>Fall</i>		Department of Civil Engineering, City College, The City University of New York <i>Transportation Policy Seminar</i> (Graduate, 10 enrolled), <i>Co-instructor</i> Graduate seminar covering transportation policy making, analysis, and finance.
2004		Department of City and Regional Planning, University of California, Berkeley <i>Transportation Planning and Policy, Fall, Teaching Asst., Prof. Martin Wachs</i> Graduate. Consulted with students on paper development and exam preparation, maintained class website, planned field trips, and graded exams and papers.
2000		Department of Urban Planning, UCLA <i>Applied Microeconomics for Urban Planning, Spring, Teaching Asst., Prof. Donald Shoup</i> (Graduate course.) Provided instructor support with term paper and exam grading.

STUDENTS SUPERVISED**Master's Committees, The University of Texas at Austin** (First reader unless otherwise noted.)

- 2018 Aug 7. Gregory Gary Grant II. *Faster Than a Gentrifying Locomotive*.
- 2018 May 6. Robert Nathan Anderson. *A Methodology to Prioritize Absent Sidewalk Infrastructure for San Antonio, Texas*. (second reader)
- 2018 May 5. Aysha Lauren Minot. *Transportation Network Companies as Cost Reduction Strategies for Paratransit*.
- 2018 May 4. Arman Rajaeian. *Austin, Texas Parkland Active Transportation Accessibility: A GIS Network Analyst Based Approach*.
- 2018 May 3. Sydney Sepúlveda. *The Intersection of Placemaking and Planning: Examining City Placemaking Programs and Efforts*.
- 2018 May 2. Kelsey Veazey. *Sustainability and Climate Action at UT Austin: University Lands Research Project and a Potential Timeline for Progress*. (second reader)
- 2017 Dec. 1. Qian Shirley Li. *Bicycle Planning for the Elderly in Georgetown*. (second reader)

Master's Committees, University of California, Davis (committee member)

- 2016 2. Schiffman, Julie R. *Creating a Self-Sustainable Zero-Emission Vehicle Rebate System in California*, Transportation Technology and Policy Graduate Program.
- 2015 1. Schneider, Jacquelyn R. *Walking in Washington: Examining the Distinctions in Super-pedestrian Walking Trips in the District of Columbia*, Transportation Technology and Policy Graduate Program.

STUDENT AWARDS**The University of Texas at Austin**

- 2018 Paulina Urbanowicz. 2018 Fellow. *Future Leaders Development Conference*. Eno Center for Transportation, Washington, D.C.
- 2017 Disha Sahu. Women's Transportation Helene M. Overly Memorial Scholarship.
- 2017 Disha Sahu. Archer Center Public Policy Fellowship, Univ. of Texas, Washington, D.C.

University of California, Davis

- 2016 Julie R. Schiffman. Women's Transportation Helene M. Overly Memorial Scholarship.

GUEST LECTURES & REVIEWS**The University of Texas at Austin**

- 2018 ***Invited Critic. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 685-D Planning Studio: Transportation Practicum
Pin-up Reviews: T.O.D. Strategies at Robinson Ranch (May 2)
- 2018 ***Guest Lecture. School of Architecture, The University of Texas at Austin***
Sustainable Design (Feb. 6)
- 2017 ***Invited Critic. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 685-D Planning Studio: Transportation Practicum
Pin-up Reviews: Regional T.O.D. Strategies in the Texas Triangle (Dec. 2)

GUEST LECTURES & REVIEWS – *continued*

- 2017 ***Invited Critic. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 381M-2 Qualitative and Participatory Methods
Pin-up Reviews: Ten Strategies for Turning CodeNEXT into a Community Asset (May 2)
- 2017 ***Guest Lecture. School of Undergraduate Studies, The University of Texas at Austin***
Signature Course UGS 303: Green Cities (March 28)
- 2017 ***Invited Reviewer. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 391 D: PhD Colloquium on Planning Issues
Professional Development: The Academic Job Search (March 24, AM)
- 2017 ***Invited Reviewer. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 391 D: PhD Colloquium on Planning Issues
Workshopping S. Zigmund journal article: Cleveland Bus-Rapid Transit (March 24, PM)
- 2016 ***Guest Lecture. School of Architecture, The University of Texas at Austin***
Community & Regional Planning 381: Public Economics and Finance (Nov. 7)
- 2016 ***Invited Critic. School of Architecture, The University of Texas at Austin***
Planning Studio - CRP 685: Bike Planning Study for Georgetown
TX Georgetown Bike Study 1st Review (Sept. 20)

University of California, Davis

- 2015 ***Guest Lecture. Transportation, Technology & Policy Program, U.C. Davis***
First Year Seminar: Transportation Policy and Planning
- 2015 ***Guest Lecture. Department of Civil & Environmental Engineering, U.C. Davis***
Civil and Environmental Engineering 268: Infrastructure Economics
- 2014 ***Guest Lecture. Transportation, Technology & Policy Program, U.C. Davis***
Transportation, Technology and Policy 220: Transportation Policy and Planning
- 2013 ***Guest Lecture. Department of Civil and Environmental Engineering, U.C. Davis***
Civil and Environmental Engineering 165: Transportation Policy

RESEARCH & TEACHING DEVELOPMENT / TRAINING

- 2017 **Introduction to Data Analysis and Graphics Using R**
- 2015 **Integrating Bike-Ped Topics into University Transportation Courses**
Initiative for Bicycle and Pedestrian Innovation, Portland State University. (June 18-19).
Completed professional development course for teaching “Bicycle and Pedestrian
Planning” graduate seminar, scheduled for Spring 2016.
- 2015 **Geographic Information Systems (GIS) Professional Courses, UC Davis Extension**
Open Source GIS (August 27-28, 2016)
GIS Database Design (Sept. 15-16, 24-25, 2016)

PROFESSIONAL TRAINING DELIVERED

- 2018, *April* University of California, Berkeley, Technology Transfer Program
- 2016, *Oct* *Funding and Programming Transportation Projects in California*, Co-Instructor
- 2016, *Sept* Professional development on funding state and local transportation projects, including the
2016, *June* federal, state, and local agencies involved; funding opportunities; and programming
2016, *May* process. Participants earn American Institute of Certified Planners (AICP) Certificate
Maintenance (CM) credits and Professional Engineer Continuing Education Units (CEU).

INVITED LECTURES AND PRESENTATIONS

- 13 “Assessing and Achieving Sustainable Land Use within the Regional Collective Action Problem.” **Workshop on Regional Planning, Growth and Equity in the 21st Century American West. University of Colorado, Denver.** May 18, 2018. Denver, Colorado.
- 12 “Identifying, Evaluating, and Selecting Indicators and Data for Tracking Land Use and Transportation-Related Trends Related to SB 375 Goals.” **Air Pollution Research Seminar Series, California Air Resources Board.** April 2, 2018, Sacramento, CA.
<https://www.arb.ca.gov/research/seminars/ong/ong.htm>
- 11 “Regional Goals, Local Land Use: SB375 and the City-region Collective Action Problem.” Invited talk delivered to the 2017 **UCLA Lake Arrowhead Symposium on the Transportation-Land Use-Environment Connection.** October 16, 2017, Lake Arrowhead, California. (125 attendees at this invitation-only retreat.)
- 10 “When Do Local Governments Regulate Land Use to Serve Regional Goals?” **City Forum of The University of Texas at Austin School of Architecture.** September 7, 2017.
- 9 “Metropolitan Transportation Planning in the U.S.” **Institute of Transportation Engineers Student Chapter, The University of Texas at Austin Cockrell School of Engineering.** November 9, 2016.
- 8 “Measuring Land Use Performance from a Transportation Perspective: Policy, Plan, and Outcome.” **Planning Horizons Seminar. Caltrans, Division of Transportation Planning.** January 26, 2016, Sacramento, CA. (48 attendees; 113 on-line viewers.)
http://svgstream01.dot.ca.gov/webcast/vod/planning_horizons/vod_planning_horizons.asp
- 7 “Regional Planning, Local Action: Achieving Sustainable Communities under SB375.” 25th Annual Envisioning California Conference, Moving On: Transforming Transportation in California, **Center for California Studies, California State University,** October 3, 2014, Sacramento, CA.
https://www.youtube.com/watch?v=JXMPe04hm0c&index=4&list=PLdOtCrI8WLPa8nfD_Pk81dSGcgi0pKAYs
- 6 “Evaluating Progress toward SB375 Implementation: A Long-term View.” Invited testimony before the **California State Senate, Transportation and Housing Committee.** Hearing on the Sustainable Communities and Climate Protection Act of 2008 (SB 375) May 13, 2014, Sacramento, CA. http://senate.ca.gov/vod/20140513_1316_STV1Vid
- 5 “Planning for Sustainable Communities: Regional Incentives and Local Policy under SB375.” Policy Forum Series on Sustainable Communities Implementation Challenges and Opportunities. **Policy Institute Policy for Energy, Environment and the Economy, University of California, Davis,** March 19, 2014. <http://policyinstitute.ucdavis.edu/informing-policy-3/policy-forum-series-2/sb-375/>
- 4 “Elaboration of a Vision: The Evolution of Metropolitan Transportation Planning since the 1962 Highway Act.” METRANS Seminar, **Sol Price School of Public Policy, University of Southern California,** February 13, 2013, Los Angeles, CA.
<https://www.youtube.com/watch?v=DMYJEB8pwAE>
- 3 “Metropolitan Transportation Planning: An Institutional Perspective.” **California Air Resources Board.** November 7, 2011. Sacramento, CA.
- 2 “Regional Engagement in Congressional Earmarking: Transportation Planning and Pork in New York and Dallas-Fort Worth.” **University of California Davis, Institute of Transportation Studies Seminar Series,** October 22, 2010, Davis, CA.

INVITED LECTURES AND PRESENTATIONS – *continued*

- 1 “Planners & the Pork Barrel: Engagement in and Resistance to Congressional Transportation Earmarking.” **New York University Rudin Center for Transportation**, *Urban Transportation and Planning Doctoral Series*, April 23, 2010, New York, NY.

CONFERENCE PRESENTATIONS

- 28 (refereed) “Local Governments and the Land Use-Transportation Connection: Results from a Statewide Survey in California” **Transportation Research Board Annual Meeting**, January 9, 2017, Washington, D.C.
- 27 “What Drives Voluntary Local Cooperation with Regional Land Use Planning?” Informal Roundtable: Institutional Analysis as Method and Theory for Planning. **Association of Collegiate Schools of Planning Annual Conference**, October 13, 2017, Denver, CO. (with S. Strand)
- 26 (refereed) “Local Cooperation with Regional Land Use Planning to Reduce GHGs.” (with S. Strand) Workshop: Toward a Realistic Perspective on Collaborative Design. **2017 Annual Meeting of the American Political Science Association**. September 1, 2017. San Francisco, California.
- 25 (refereed) “When Do Local Governments Regulate Land Use to Serve Regional Goals?” (with S. Strand) **Environmental Politics & Governance Conference**, School of Public and Environmental Affairs, Indiana University, June 21-24, 2017, Bloomington, IN.
- 24 “Local Land Use and Development Decisions under SB375.” (with S. Strand) **2017 American Association of Geographers Annual Meeting**, April 5, 2017, Boston, MA.
- 23 (refereed) “Allocating Transportation Funds to Promote Sustainability: The Case of California.” (with A. Lee) **Transportation Research Board Annual Meeting**, Jan.11, 2017, Washington, D.C.
- 22 (refereed) “Regional Transportation Planning, Past and Prologue: Legacy of the 1962 Highway Act.” **Society for American City and Regional Planning History**, November 7, 2015, Los Angeles, CA.
- 21 (refereed) “Regional Transportation Planning, Past and Prologue: Legacy of the 1962 Highway Act.” **Association of Collegiate Schools of Planning Annual Conference**, October 24, 2015, Houston, TX.
- 20 (refereed) “Is There a Business Case for Advance Mitigation?” **Association of Environmental Professionals California State Conference**, March 23, 2015. Santa Barbara, CA.
- 19 (refereed) “Experimentation and Innovation in Advance Mitigation.” (with J. Bjorkman, J. Lederman, et al.) **Transportation Research Board Annual Meeting**, Jan.12, 2015, Washington, D.C.
- 18 “Cultivating Cooperation without Control: Regional Incentives and Local Policy under SB375.” **2014 Meeting of the Association of Metropolitan Planning Organizations**, October 22, 2014, Atlanta, GA.
- 17 “Planning for Sustainable Communities: Local Progress in California.” **New Partners for Smart Growth Conference**. February 15, 2014, Denver, CO.
- 16 (refereed) “Intercept or Internet: Survey Modes for Measuring Vehicle Miles of Travel.” (with K. Lovejoy and S. Handy) **Transportation Research Board Annual Meeting**, Jan.13, 2014, Washington, D.C.

CONFERENCE PRESENTATIONS – *continued*

- 15 (refereed) “Supporting GHG Reduction with Metropolitan Planning and Discretion: Institutional Perspectives on California’s SB375.” **Transportation Research Board Annual Meeting**, January 14, 2014, Washington, D.C.
- 14 “Regulations and the Evolving Roles of Metropolitan Planning Organizations.” **Transportation Research Board Annual Meeting**, Jan. 16, 2013, Washington, D.C.
- 13 (refereed) “Analyzing Regional Efforts to Nudge Local Land Use and Infrastructure Decisions toward GHG Reduction.” **Association of Collegiate Schools of Planning Annual Conference**, November 4, 2012, Cincinnati, OH.
- 12 (refereed) “Measuring the Impacts of Local Land Use Policies on Vehicle Miles of Travel: The Case of the First Big Box Store in Davis, California.” (with K. Lovejoy, D. Salon, S.L. Handy, & P. Mokhtarian) **Transportation Research Board Annual Meeting**, January 25, 2012, Washington, D.C.
- 11 “Meeting the Planning and Programming Challenges of Unplanned Pork.” Making Progress: Transportation Planners and Programmers Turn Ideas into Reality. Conference of the **Transportation Research Board Statewide Multimodal Transportation Planning Committee**. May 24, 2012, Denver, CO.
- 10 “Metropolitan Transportation Planning: An Institutional Perspective.” **California Air Resources Board**. November 7, 2011. Sacramento, CA.
- 9 (refereed) “Measuring the Impacts of Local Land Use Policies on Vehicle Miles of Travel: The Case of the First Big Box Store in Davis, California.” (with K. Lovejoy, D. Salon, S.L. Handy, & P. Mokhtarian) **Association of Collegiate Schools of Planning Annual Conference**, October 15, 2011, Salt Lake City, UT.
- 8 “Measuring Impacts of Local Actions on Travel Behavior and Sustainable Transportation Outcomes.” (with K. Lovejoy, D. Salon, S. Handy, & P. Mokhtarian) **American Association of Geographers Annual Conference**, Apr 12, 2011, Seattle, WA.
- 7 (refereed) “Regional Engagement in Congressional Earmarking: Transportation Planning and Pork in New York and Dallas-Fort Worth,” **Association of Collegiate Schools of Planning Annual Conference**, October 7, 2010, Minneapolis, WI.
- 6 (refereed) “Planning *after* the Pork Barrel: Metropolitan Responses to Congressional Earmarking in Transportation.” **Association of Collegiate Schools of Planning Annual Conference**, October 1, 2009, Crystal City, VA.
- 5 (refereed) “Planning *for* the Pork Barrel: Earmark Pursuit Practices of MPOs.” **Transportation Research Board Annual Meeting**, January 14, 2009, Washington, D.C.
- 4 (refereed) “Federal Transportation Earmarking and Metropolitan Planning: Earmark Pursuit Practices of MPOs and their Members.” **Association of Collegiate Schools of Planning Annual Conference**, July 2008, Chicago, IL.
- 3 “Funding Metropolitan Transportation.” **Association of Metropolitan Planning Organizations**, 2006 Annual Conference, Ft. Lauderdale, FL.
- 2 “Beyond Lexus Lanes: Evaluating the Equity of HOT Lanes.” (with A. Weinstein) **12th International HOV Systems Conference**, April 17-18 2005, Houston, TX.
- 1 “Addressing the Equity Implications of HOT Lanes.” (with A. Weinstein) **Congestion Pricing Outreach Subcommittee**, Transportation Research Board Annual Meeting, January 2005, Washington, D.C.

REPORTS AND OTHER PUBLICATIONS

- 21 Ong, P., Sciara, G. C. L., M., Monkkonen, P., Pech, C., Cheng, A., González, S. R., . . . Andrew, S. (2018). *Identifying, Evaluating, and Selecting Indicators and Data for Tracking Land Use and Transportation-Related Trends Related to SB 375 Goals*. Sacramento, CA: California Air Resources Board.
- 20 Sciara, G.-C., & Lee, A. (2018). *Aligning California's Transportation Funding with Its Climate Policies* A White Paper from the National Center for Sustainable Transportation. Davis, CA: University of California-Davis Institute of Transportation Studies.
- 19 Sciara, G.-C., & Strand, S. (2017). *When Do Local Governments Regulate Land Use to Serve Regional Goals? Results of a Survey Tracking Land Use Changes that Support Sustainable Mobility*. Davis, CA: National Center for Sustainable Transportation.
- 18 Sciara, G.-C. (2015). *Measuring Land Use Performance: Policy, Plan, and Outcome*. (Report No. UCD-ITS-RR-15-17) Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=2550
- 17 Lederman, J., Wachs, M., Schlotterbeck, M., Sciara, G.C. (2015) *Task 4 Report: Funding and Financial Mechanisms to Support Advance Mitigation*. (Report No. UCD-ITS-RR-15-04) Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=2422
- 16 Sciara, G.-C., Stryjewski, E., Bjorkman, J., Thorne, J.H., Schlotterbeck, M. (2015) *Task 3 Report: The Business Case for Advance Mitigation in California*. (Report UCD-ITS-RR-15-03) Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=2421
- 15 Sciara, G.-C., Bjorkman, J., Lederman, J., Thorne, J., Schlotterbeck, M., & Wachs, M. (2015) *Task 2 Report: Setting the Stage for Statewide Advance Mitigation in California*. (Report UCD-ITS-RR-15-02) Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=2420
- 14 Sciara, G.-C. (2014). *Evaluating Progress toward SB375 Implementation: A Long-term View* - Invited testimony before the California State Senate, Transportation and Housing Committee for the Hearing on the Sustainable Communities and Climate Protection Act of 2008 (SB 375) on May 13, 2014, Sacramento, CA. (No. UCD-ITS-RR-14-06). http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=2119
- 13 Sciara, G.-C., & Handy, S. L. (2013). *Cultivating Cooperation without Control: California's MPO-driven Smart Growth Programs* (No. UCD-ITS-RR-13-07). Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=1897
- 12 Sciara, G.-C., & Salon, D. (2013). *Survey of Local Sustainability Practices in California*, Report to the California Strategic Growth Council (No. UCD-ITS-RR-13-08). Davis, CA: Institute of Transportation Studies, University of California. http://www.its.ucdavis.edu/research/publications/publication-detail/?pub_id=1898
- 11 Transportation Governance & Finance State by State Interactive Online Mapping Tool. (with National Conference of State Legislatures, Parsons Brinckerhoff, & S. Vergis) (Producer). (2012) American Association of State Highway and Transportation Officials Center for Excellence in Project Finance. http://www.transportation-finance.org/tools/state_by_state/map.aspx

REPORTS AND OTHER PUBLICATIONS - *continued*

- 10 Graduate Transportation Planning Studio. (2009). *Climate Change Concerns and Planning Practice: Recommendations for the NJTPA* - Report to the North Jersey Transportation Planning Authority. New Brunswick, NJ: Bloustein School of Planning and Public Policy, Rutgers. <http://policy.rutgers.edu/academics/projects/studios/climatechange10r.pdf>
- 9 Sciara, G.-C. (2009). *Planners and the Pork Barrel: Metropolitan Engagement in and Resistance to Congressional Transportation Earmarking*. (Ph.D. Dissertation), University of California, Berkeley. Retrieved from <http://www.uctc.net/research/diss166.pdf>
- 8 Sciara, G.-C., Wachs, M. (2005). *Metropolitan-Level Transportation Funding Sources*. Washington, D.C.: National Cooperative Highway Research Program Project 08-36 (49). http://narc.org/uploads/File/Transportation/Library/NCHRP_Metro_Funding.pdf
- 7 Weinstein, Asha and Sciara, G.-C. "Assessing the Equity Implications of HOT Lanes." Report to the Santa Clara Valley Transportation Authority, November 2004, San Jose, CA. http://www.vta.org/projects/hot_lanes/hot_equity.pdf
- 6 Hoover, J., McDowell, B., and Sciara, G.-C. "Transit at the Table: A Guide to Participation in Metropolitan Decisionmaking." Washington, D.C.: Federal Transit Administration, 2004. <http://www.planning.dot.gov/Documents/TransitAtTable.pdf>
- 5 Perez, B.G., and Sciara, G.C.. "A Guide for Hot Lane Development." Washington, D.C.: U.S. Department of Transportation, Federal Highway Administration, 2003. (Available at <http://www.ibtta.org/files/PDFs/HOTLaneDevelopmentGuide.pdf>)
- 4 Sciara, G. C. "Traffic Congestion: Issues and Options," Los Angeles: UCLA Institute of Transportation Studies-UCLA Extension Public Policy Program, 2003. 39 pgs.
- 3 Perez, B.G., & Sciara, G. C. (2001). *Innovative Financing Clearinghouse*. National Cooperative Highway Research Program Project 20-24(13). Developed content for clearinghouse on techniques used by public and private entities to finance transportation investments. <http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.asp?ProjectID=528>
- 2 Sciara, G.-C. (2000). *Planning for Safe Urban Cycling: An Analysis of Bicycle Collisions in Los Angeles*. (M.A. Comprehensive Project), University of California, Los Angeles. <https://drive.google.com/file/d/0Bx-HhLf882cZU3JjblIBaXQzaE0/view>
- 1 Mondschein, A. and Sciara, G. C. "Inter-Regional Travel and Local Development: Summary of Proceedings of the Annual Symposium on the Transportation, Land Use and Air Quality Connection." Los Angeles: UCLA Extension public Policy Program, 1999.

MEDIA

Expert interview, print. Povich, E. (2018, February 12). Congress May Resurrect Earmarks. In Some States, They Never Went Away. *Stateline*. <http://www.pewtrusts.org/en/research-and-analysis/blogs/stateline/2018/02/12/congress-may-resurrect-earmarks-in-some-states-they-never-went-away>

Expert interview, print. Womack, G. (2016, May 5). Lost in transit: To succeed in November, \$3.6 billion transportation measure must play to the Sacramento suburbs. *Sacramento News & Review*.

Expert panelist, Public Affairs TV News, "Livable Communities: Coming to a Neighborhood near You?" *The Maddy Report*, June 3, 2015. Broadcasted on KVPT (Valley PBS), KSEE (NBC Fresno), and the Cal Channel (statewide). <https://www.youtube.com/watch?v=JgZqf5hREvA>

Expert interview, print. Anbinder, J. (2014, October 22). Bring Back the Earmark: Earmarks Can Fix Our Partisan Gridlock and Our Crumbling Infrastructure. *U.S. News & World Report*.

FELLOWSHIPS

- 2017 **Summer Research Assignment.** University of Texas at Austin School of Architecture, **\$16,000.** Summer salary support from Faculty Development Program allowing faculty to concentrate on research and writing.
- 2017 **Hogg Endowment Fellowship for Urban Governance Research.** University of Texas at Austin School of Architecture, **\$15,000.** (Funding for two semesters for a 25-percent Graduate Research Assistant.)
- 2008 **Dean's Normative Time Fellowship,** University of California, Berkeley, **\$25,213.**
- 2007 **Dissertation Fellowship,** University of California Transportation Center, **\$15,000.**
- 2004-2007 **Dwight D. Eisenhower Graduate Transportation Fellowship,** U.S. Department of Transportation, **\$87,000.**
- 2003-2006 **Graduate Student Fellowship,** (a) University of California Transportation Center; (b) Dept. of City & Regional Planning, University of California, Berkeley
- 2004 **Helene Overly Graduate Scholarship,** Women's Transportation Seminar, **\$3,000.**

HONORS & AWARDS

- 2018 **California Association of Environmental Professionals 2018 Award for Outstanding Environmental Resource Document.** Statewide Advance Mitigation Funding and Financial Strategies Study. Rancho Mirage, California.
- 2016 **Elsevier Outstanding Reviewer,** *Journal of Transport & Health*
- 2015 **Academic Federation Committee on Research Travel Grant Award,** Univ. of Calif., Davis
- 2014, 2013 **National Academy of Sciences Transportation Research Board. Certificate of Service Recognition.** Metropolitan Policy, Planning, and Processes Committee.
- 2013 **Journal of Planning Education and Research Writing Workshop** (declined)
- 2010 **Charles A. Wootan Award, Council of University Transportation Centers**
Best Ph.D. dissertation in transportation policy and planning; national award.
- 2010 **Urban Transportation and Planning Doctoral Series**
New York University, Wagner Rudin Center for Transportation, New York, NY.
- 2000 **Award for General Excellence, Department of Urban Planning, UCLA**
- 2000 **Best Graduate Paper, American Planning Association, Transportation Division**
- 2000 **Eno Transportation Foundation Leadership Development Conference**
- 1999 **Harvey Perloff Scholarship for Urban Planning, Dept. of Urban Planning, UCLA**

SCHOLARLY AND UNIVERSITY ACTIVITIES**Scholarly Service**

Session Moderator & Discussant. *Climate Change: Decision-making, Information, and Community.* Association of Collegiate Schools of Planning Annual Conference. Denver, CO. October 13, 2017.

Session Moderator & Discussant. *Understanding California's Precocious MPOs.* Association of Collegiate Schools of Planning Annual Conference. Houston, TX. October 25, 2015.

Discussant. *Symposium on High-Speed Rail & Sustainability.* Center for Environmental Public Policy, Goldman School of Public Policy, University of California, Berkeley. November 29-30, 2012.

Session Moderator & Discussant. *Planning Intercity Travel: Planes, Buses, and High-Speed Rail,* Association of Collegiate Schools of Planning Annual Conference. Minneapolis, WI. October 8, 2010.

SCHOLARLY AND UNIVERSITY ACTIVITIES – *continued***Editorial and Review Services**

- 2018 Editorial Board Member, *Transportation Research Part D: Transport and Environment*
 Referee, National Center for Sustainable Transportation, University of California Davis
 Referee, *Journal of Planning Literature*
 Referee, *Research in Transportation Business & Management*
- 2017 Editorial Board Member, *Transportation Research Part D: Transport and Environment*
 Referee, *Case Studies in the Environment*
 Referee, *Journal of the American Planning Association*
 Referee, *Transportation Research Part D*
 Referee, University of California Center for Economic Competitiveness in Transportation
- 2016 Referee (Elsevier Outstanding Reviewer), *Journal of Transport & Health*
 Referee, *Journal of Transportation Geography*
 Referee, *Urban Affairs Review*
 Referee, *Transport Policy*
- 2015 Referee, *Journal of Transportation Geography*
 Referee, *Transportation Research Part D*
 Referee, *Journal of the American Planning Association*
 Referee, *Journal of the Transportation Research Board*
- 2014 Referee, *Journal of the Transportation Research Board*
 Referee, *Public Works Management and Policy*
 Referee, Southwest Region University Transportation Center
 Referee, *Transportation Research Part A*
- 2013 Referee, *Journal of the American Planning Association*
 Referee, *Journal of the Transportation Research Board*
 Referee, Mineta Transportation Institute
 Referee, *Transportation Research Part A*
- 2012 Referee, *Journal of Planning Education and Research*
 Referee, *Journal of the Transportation Research Board*
 Referee, *Public Works Management and Policy*
 Referee, *Transportation Policy*
 Proposal Reviewer, Univ. of Calif. Transportation Ctr. Dissertation Fellowship Program
- 2011 Referee, *Advances in Decision Sciences*
 Referee, *Journal of Planning Education and Research*
 Referee, *Journal of the Transportation Research Board*
 Referee, *Transportation Policy*
 Referee, *Urban Affairs Review*
- 2010 Referee, *Journal of the Transportation Research Board*
 Referee, *Transportation Policy*
- 2009 Referee, *Journal of the Transportation Research Board*
- 2008 Referee, *Journal of Planning Education and Research*
- 2007 Referee, *Public Works Management and Policy*
- 2006 Referee, *Journal of Planning Education and Research*
- 2004-2005 Assistant Editor, *Berkeley Planning Journal*

SCHOLARLY AND UNIVERSITY ACTIVITIES – *continued***University Service**

Faculty Liason. Women’s Transportation Seminar UT Austin Student Chapter. (2017- present)

Member. The University of Texas at Austin Library and Collections Committee. (2016 – present)

Chair. The University of Texas at Austin Library and Collections Committee. (2018 – present)

Organizer, Institute of Transportation Studies Friday Seminar, University of California, Davis

Brian D. Taylor. “What’s Youth Got to Do with It? Exploring the Travel Behavior of Teens and Young Adults.” March 8, 2013. <http://www.its.ucdavis.edu/?seminar=march-8-2013>

Asha W. Agrawal, “ *Paying for the Road, Bridges, and Bike Paths of the Future.*” February 24, 2012. <http://www.its.ucdavis.edu/?seminar=february-24-2012>

Rohit T. Aggarwala, *The Tragic Tale of Congestion Pricing in Manhattan*, December 2, 2011. <http://www.its.ucdavis.edu/?seminar=december-2-2011>

Co-Founder and Governing Committee Member, Wachs Distinguished Annual Lecture in Transportation. University of Calif., Berkeley.

Member, PhD Program Committee, 2004-2005

Department of City and Regional Planning, University of California, Berkeley

PROFESSIONAL PLANNING & POLICY EXPERIENCE

Parsons Brinckerhoff Quade & Douglas, New York, NY – Senior Planner, 2000 – 2003

City of Los Angeles, Department of Transportation, Los Angeles, CA – Consultant, 1999 – 2000

Transportation Alternatives, New York, NY – Bicycle Program Director, 1997 – 1998

Tri-State Transportation Campaign, New York, NY – Media Coordinator, 1995 – 1996

German Parliament, Bonn, Germany – Legislative Aide, Bundestag Internship Program, 1994
Office of MP Christel Hanewinkel

PROFESSIONAL CERTIFICATION AND AFFILIATIONS

American Institute of Certified Planners, 2002-present

American Planning Association

Initiative for Bicycle & Pedestrian Innovation

2015 Certificate of Completion – Integrating Bike-Ped Topics into University Transportation Courses

Transportation Research Board

Women's Transportation Seminar, Heart of Texas Chapter

SERVICE TO PROFESSION

Panelist. *Take it to the Streets* – GirlStart Summer Camp introducing 4th-5th grade girls to urban planning and planning career paths. Girlstart provides STEM education programs for K-12 girls. Austin, TX. (June 7 & June 13, 2018.)

Focus Group Participant. American Collegiate Schools of Planning. ACSP Values Statement Focus Group. June 1, 2018.

Committee Member (three terms), Transport Programming & Investment Decision-Making (ADA50). National Academy of Sciences Transportation Research Board. (2009 – present)

SERVICE TO PROFESSION – *continued*

Panelist. *Transportation Equity*. Leadership Austin: Engage Breakfast Series. Austin, TX. (October 24, 2016)

Committee Member (two terms), Metropolitan Policy, Planning & Processes (ADA20). National Academy of Sciences Transportation Research Board. (2009 – 2015)

Subcommittee Chair, Megaregions, (ADA20 (1) National Academy of Sciences Transportation Research Board. (2011 – 2014)

National Summit on Future Transportation Funding and Finance Strategies: Implications for Planning, Public Policy, and Institutional Arrangements, New Orleans, LA. 2007. Invited participant.

Panelist. *Urban Planning Professional Paths*. Student Planning Group, University of California, Davis, April 2011.

Women's Transportation Seminar, New York, Mentoring Committee, 2001-2003
Developed chapter mentoring program pairing junior and senior practitioners.

New York / New Visions – Planning Consortium for Post 9/11 New York
Connections Committee, Member, 2001-2002