

ANDREA BROADDUS

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EDUCATION

- PhD **University of California, Berkeley**
City & Regional Planning, May 2015 (expected)
- Dissertation:* The Adaptable City: A Decade of Congestion Pricing, Transit Investment and Mode Shift in London
Committee: E. Deakin, R. Cervero, D. Chatman, and J. Walker (Engineering)
- University College London**
Visiting Scholar, hosted by Professor Michael Batty, 2013-14
- Hamburg University of Technology (Germany)**
Visiting Scholar, hosted by Professor Carsten Gertz, 2006-07
- MPP/UP **Harvard University**
Concurrent joint degree, Master of Public Policy / Urban Planning, 2006
- BS **University of North Carolina, Chapel Hill**
Bachelor of Science, Geology, 1996

PEER-REVIEWED JOURNAL ARTICLES

- 2014 *Under review:* Broaddus, Andrea and Michael Browne. (2014) "Sustainable Freight: Impacts of the London Congestion Charge and Low Emissions Zone," Transportation Research Record, Washington, DC.
- 2010 Broaddus, Andrea. (2010) "A Tale of Two Eco-Suburbs in Freiburg, Germany: Parking Provision and Car Use." Transportation Research Record, Volume 2187, pp. 114-122. Washington, DC.
- 2009 Broaddus, Andrea. (2009) "Tolling Heavy Goods Vehicles: Overview of European Practice and Lessons from the German Experience." Transportation Research Record, Volume 2066, pp. 106-113. Washington, DC.

OTHER JOURNAL ARTICLES

- 2014 *Forthcoming:* Broaddus, Andrea. "Sustainable Transportation: Lessons from London," *Focus: Journal of the City and Regional Planning Department*, Volume 10, Issue 1. California State Polytechnic. San Luis Obispo, CA.
- 2012 Broaddus, Andrea. (2012) "Editor's Note." Berkeley Planning Journal, Volume 25, pp. 7-11. Berkeley, CA.

BOOK REVIEWS

- 2014 *Forthcoming*: Broaddus, Andrea. (2014) “Review of *Next Generation Infrastructure* by Hillary Brown.” *Journal of Planning Education & Research*.
- 2013 Broaddus, Andrea. (2013) “Review of *Street Fight* by Jason Henderson.” *Berkeley Planning Journal*, Vol. 26, pp. 217-220. Berkeley, CA.
- 2011 Broaddus, Andrea. (2011) “Review of *Sustainable Transportation: Problems and Solutions* by William R. Black and *An Introduction to Sustainable Transportation: Policy, Planning, and Implementation* by Preston L. Schiller, Eric C. Bruun, and Jeffrey R. Kenworthy.” *Berkeley Planning Journal*, Vol. 24, pp. 153-155. Berkeley, CA.

RESEARCH REPORTS

- 2013 Broaddus, Andrea, Max Gruenig and Dominic Marcellino. (2013) “Financing Sustainable Transportation: An Overview of Finance Mechanisms and Cases from the U.S. and Germany.” Johns Hopkins University, American Institute for Contemporary German Studies (think tank), Policy Report 54, 45 pp. Washington, DC.
<http://www.aicgs.org/site/wp-content/uploads/2013/02/PR54-Financing-Transportation.pdf>
- 2013 Broaddus, Andrea and Elizabeth Deakin. (2013) “Innovative DOTs: Identifying Critical Issues and Strategies with Broad Support.” Research Report for the California Department of Transportation. Sacramento, CA.
<http://www.uctc.net/research/facultypapers.shtml>
- 2012 Chatman, Daniel G., Andrea Broaddus, Matt Klein, and Cheryl Young. (2012) “Are movers irrational? A pilot study of the happiness, commuting, housing, and social lives of undergraduates before and after a move.” Working paper, University of California Transportation Center, UCTC-FR-2013-05, 56 pp. Berkeley, CA.
<http://www.uctc.net/research/papers/UCTC-FR-2013-05.pdf>
- 2011 Chatman, Daniel G. and Andrea Broaddus. (2011) “Psychological economics, travel behavior, residential location choice, and sustainability: Possible new rationales for policy intervention.” Working paper, University of California Transportation Center, 32 pp + appendices. Berkeley, CA.
<http://www.uctc.net/research/facultypapers.shtml>
- 2009 Broaddus, Andrea, Todd Litman and Gopinath Menon. (2009) “Transportation Demand Management Training Manual.” German Federal Enterprise for International Cooperation (GIZ), Sustainable Urban Transport Project (think tank), 118 pp. Eschborn, Germany. Versions available in English, Chinese, Russian, Indonesian, Vietnamese, and Spanish. <http://www.sutp.org/en-dn-td>

OTHER PUBLICATIONS

- 2009 Broaddus, Andrea and Michael Kodransky. "Simple Solutions and Complex Technology at the World Parking Symposium." Planetizen, July 27, 2009. Urban Insight, Inc., Los Angeles, CA. <http://www.planetizen.com/node/39867>
- 2007 Broaddus, Andrea. (2007) "Europe Plans for Sustainable 'Transport of Tomorrow.'" Planetizen, April 16, 2007. Urban Insight, Inc., Los Angeles, CA. <http://www.planetizen.com/node/23872>
- 2006 Broaddus, Andrea and José Gómez-Ibáñez. (2006) "Parking in San Francisco." Harvard Kennedy School Case Program, Case 1877. Cambridge, MA. <http://www.case.hks.harvard.edu/casetitle.asp?caseNo=1877.0>

CONFERENCE PAPERS AND PRESENTATIONS

- 2013 "The longer-term impacts of the London Congestion Charge: An analysis of firm location choices," presented at the American Collegiate Schools of Planning and Association of European Schools of Planning (ACSP/AESOP) joint conference in Dublin, Ireland. July 17, 2013 and the Royal Geographic Society conference in London, England. August 28, 2013.
- 2012 "Pricing strategies for reducing motor vehicle use," presented at the Urban Transportation Pathways Research Symposium held in Berkeley, CA. September 13, 2012.
- 2011 "Envisioning responses to road capacity reductions: reviewing evidence of travel suppression, traffic evaporation, and land redevelopment," presented at the Associated Collegiate Schools of Planning (ACSP) conference in Salt Lake City, UT. October 14, 2011.
- 2011 "The long-term impacts of congestion pricing on land use, economic structure, and social equity" presented at the American Collegiate Schools of Planning (ACSP) conference in Minneapolis, MN. October 8, 2010, and at the University of California Transportation Center conference in Berkeley, CA. February 24, 2011.
- 2011 "Psychological economics, travel behavior, residential location choice, and sustainability" poster presented at the University of California Transportation Center conference. February 24, 2011. Awarded Best Student Poster.
- 2010 "Modeling firm relocation: Identifying significant factors," presented at the UrbanSim conference at UC Berkeley. May 27, 2010. Berkeley, CA.
- 2010 "A tale of two eco-suburbs in Freiburg, Germany: Parking provision and car use," presented at the Transportation Research Board (TRB) 89th Annual Meeting in Washington, DC. January 12, 2010.

- 2009 “Tolling heavy goods vehicles: An overview of European experience and lessons from Germany,” presented at the Transportation Research Board (TRB) 88th Annual Meeting in Washington, DC. January 14, 2009.
- 2008 “No such thing as a free spot: Pricing as a demand management strategy for parking,” presented at the Association of European Schools of Planning (AESOP) in Naples, Italy in July, 2007, and the Royal Geographic Society (RGS) conference in London, England, in August 28, 2007 and at the Transportation Research Board (TRB) 87th Annual Meeting in Washington, DC in January 15, 2008.

INVITED TALKS

- 2014 “Longer-Term Impacts of the London congestion charge,” Centre for Transport Studies Seminar, Royal Institute of Technology, Stockholm, Sweden. May 6, 2014.
- 2014 “London: How congestion charging, bus and pedestrian priority worked together to transform travel,” City & Regional Planning Seminar, California State Polytechnic, San Luis Obispo, CA. February 11, 2014.
- 2013 “The Longer Term Impacts of the London congestion charge: An Analysis of Firm Location Choices,” Bartlett School of Planning Seminar, University College London, London, England. November 19, 2013.
- 2013 “The Longer Term Impacts of the London congestion charge: An Analysis of Firm Location Choices,” Centre for Transport Studies Seminar, Oxford University, Oxford, London, England. October 2, 2013.
- 2013 “The Longer Term Impacts of the London congestion charge: An Analysis of Firm Location Choices,” Centre for Advanced Spatial Analysis Seminar, University College London, London, England. October 1, 2013.
- 2012 “Impacts of Congestion Pricing in the Longer Term: Urban Form, Economic Structure & Social Equity,” Centre for Advanced Spatial Analysis Seminar, University College London, London, England. November 2, 2012.
- 2010 “Sustainable Transportation and Land Use Practices,” German Chancellor Fellowship 20th Anniversary Celebration, Berlin, Germany. September 15, 2010.
- 2006 “The Harvard Case Teaching Method,” Harvard University Study Tour Visit to the Central Officials Training Institute, Korea Development Institute School of Public Policy and Management, Seoul, Korea. April 22, 2006.

EXTRAMURAL AWARDS

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| 2014 | Volvo Research & Education Foundation Study Travel Grant | \$4,000 |
| 2013 | UC Berkeley Center for British Studies Field Research Grant | \$3,500 |
| 2011 | Michael B. Teitz Fellowship | \$1,500 |
| 2013 | US Department of Transportation Eisenhower Graduate Fellowship National competition | \$72,000 |
| 2006 | German Chancellor Fellow, Alexander von Humboldt Foundation National competition | \$50,000 |
| 2006 | FHLB Boston Affordable Housing Development Competition Local competition, 1 st Place Team | \$1,500 |

SCHOLARLY DEVELOPMENT

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| 2012 | Association of Collegiate Schools of Planning (ACSP) PhD Workshop, hosted at University of California, Los Angeles, CA. August 15-19, 2012. |
| 2009 | Association of European Schools of Planning (AESOP) PhD Workshop, hosted at the University of Amsterdam, Amsterdam, the Netherlands. October 14-16, 2009. |
| 2007 | Transportation and Climate Change Summer School, hosted by Dresden University of Technology at St Marienthal-Ostritz, Germany. September 5-7, 2007. |

COMPETITIONS

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| 2006 | Federal Home Loan Bank of Boston (FHLB) Affordable Housing Development Contest, Harvard University Team entry and first place winner, "Riverside View." February 17-April 9, 2006. |
| 2005 | Urban Land Institute Hines Competition, Harvard University Team entry, "From Company Town to Family Town," January 7, 2005. |

TEACHING EXPERIENCE

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

Instructor

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| 2014 | Transportation Studio, co-instructor with Professor Elizabeth Deakin Graduate level, enrollment: 15 |
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- 2014 Introduction to Transportation Planning, co-instructor with Jesus Barajas
Undergraduate, Summer session, enrollment: 45
- 2013 Introduction to Transportation Planning
Undergraduate, Summer session, enrollment: 40
- 2012 Introduction to Transportation Planning
Undergraduate, Summer session, enrollment: 35
- 2011 Introduction to Transportation Planning
Undergraduate, Summer session, enrollment: 35
- 2010 Introduction to Transportation Planning
Undergraduate, Summer session, enrollment: 30

Harvard University, Kennedy School of Government

Teaching Assistant

- 2005 Microeconomics with Cases, Professor José A. Gómez-Ibáñez
Graduate level, enrollment: 50

ADVISING AND MENTORING

- 2013 Senior Thesis Mentor for Amanda Wolf, “Urban Form and Travel Behavior: Case Study of Avalon Walnut Creek Village”

DEPARTMENTAL SERVICE

- 2014 PhD Student Representative, UC Berkeley Departmental Program Review Committee
- 2012 PhD Student Representative, PhD Admissions Committee
- 2011-12 Editor, Berkeley Planning Journal

PROFESSIONAL SERVICE

- 2011-14 Member, Transportation Demand Management Committee, Transportation Research Board (TRB)
- 2011-14 Reviewer, Transportation Research Record
- 2009-14 Reviewer, Berkeley Planning Journal
- 2009-11 Reviewer, Transport Policy

COMMUNITY SERVICE

- 2011-13 Commissioner, City of Berkeley Transportation Commission
Appointed position
- 2002-04 Commissioner, Adams Morgan Advisory Neighborhood Commission, Washington, DC
Elected position

CONSULTING

- 2012 Research Consultant, American Institute for Contemporary German Studies
Washington, DC (think tank)
- 2011 Strategy Consultant, TransForm, Oakland, CA (policy advocacy group)
- 2009 Policy Consultant, Transport & Environment, Brussels, Belgium (policy advocacy group)
- 2008 Research Consultant, German Federal Enterprise for International Cooperation (GIZ), Sustainable Urban Transport Project, Hamburg, Germany (think tank)

EMPLOYMENT HISTORY

- 2013 Research Assistant, supervised by Professor Paul Waddell
Data analysis of firm location patterns over time.
- 2010-12 Research Assistant, supervised by Professor Dan Chatman
Authored literature review and designed a survey to assess the impact of housing, commute, and neighborhood characteristics on life satisfaction, pre- and post-residential relocation.
- 2009-10 Research Assistant, supervised by Professors Elizabeth Deakin and Robert Cervero
Authored literature review on long-term impacts of road pricing on urban form.
- 2008-09 Senior Associate, Nelson\Nygaard Consulting Associates, Portland, OR
- 2005-06 Research Assistant, supervised by Professor José Gómez-Ibáñez
Authored teaching case about parking policy reform in San Francisco, and teaching note about case-writing for Harvard Case Program.
- 2005 Summer Intern, Town Planning Development, Ipswich, MA
- 2001-04 State Campaign Manager, Surface Transportation Policy Project, Washington, DC
Policy advocacy on the federal transportation bill, SAFETEA-LU.

- 1997-01 Campaign Director, New Transportation Alliance, Madison, WI
Analysis of state highway plans and budgets; served on WisDOT committees.
Consultant for Bicycle Federation of Wisconsin as Milwaukee Program Manager, for
Environmental Law & Policy Center and Citizens for a Better Environment as High
Speed Rail campaign manager.
- 1996-97 Community Organizer, Green Corps Field School for Environmental Organizing,
Madison, WI

PROFESSIONAL MEMBERSHIPS

- 2014 American Planning Association
Currently pursuing AICP membership, expected following exam in May 2015
- 2009-10 Association of Bicycle and Pedestrian Professionals
- 2009-13 Women's Transportation Seminar

SOFTWARE PROFICIENCY

Statistics and Programming: R, Stata, Python, and Excel
Geographic Information Systems: ArcGIS, QGIS
Design and Presentation: Illustrator, Photoshop, InDesign, and Powerpoint

LANGUAGES

German (conversational), French (conversational), Spanish (proficient)

REFERENCES

Elizabeth Deakin, Professor
Department of City & Regional Planning, UC Berkeley
edeakin@berkeley.edu / 510-642-4749

Daniel Chatman, Associate Professor
Department of City & Regional Planning, UC Berkeley
dgc@berkeley.edu / 510-642-2454

Robert Cervero, Professor
Department of City & Regional Planning, UC Berkeley
robertc@berkeley.edu / 510-642-1695

Additional references available upon request.