

DANIEL G. CHATMAN

Urban Planning and Policy Development Program
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EDUCATION

2005 Ph.D. in Urban Planning, University of California, Los Angeles
1997 Master in Public Policy, Harvard University (Outstanding Thesis Award)
1991 B.A., Individual Studies: The English Language (High Honors), University of California, Berkeley

ACADEMIC APPOINTMENTS

2005- Assistant Professor
 Edward J. Bloustein School of Planning and Public Policy, Rutgers University

RESEARCH APPOINTMENTS

2005- Director (2007-08) and Research Director (2005-06, 2008-present)
 Alan M. Voorhees Transportation Center, Edward J. Bloustein School of Planning and Public Policy, Rutgers University

PUBLICATIONS

Peer-Reviewed Journal Articles

- (R&R) Chatman, Daniel G. Transportation credit mortgages, spatial sorting, and housing supply: Who benefits? To be resubmitted to *Housing Policy Debate*.
- 2009 ———. Residential choice, the built environment, and non-work travel: Evidence using new data and methods. *Environment and Planning A* 41.
- 2008 ———. Deconstructing development density: Quality, quantity and price effects on household travel. *Transportation Research A* 42 (7): 1009-1031.
- 2005 Boarnet, Marlon, Randall Crane, Daniel G. Chatman, and Michael Manville. Emerging planning challenges in retail: The case of Wal-Mart. *Journal of the American Planning Association* 71 (4): 433-449.
- 2003 Chatman, Daniel G. How workplace land use affects personal commercial travel and commute mode choice. *Transportation Research Record: Journal of the Transportation Research Board* 1831: 193-201.

- 2003 Crane, Randall and Daniel G. Chatman. Traffic and sprawl: Evidence from US commuting, 1985 to 1997. *Planning and Markets*, 6 (1): 14-22.

Other Journal Articles

- 2007 Chatman, Daniel G. Will transportation credit mortgages work in practice? *Intransition Magazine*, Spring, pp. 5-6.
- 2003 Crane, Randall and Daniel G. Chatman. As jobs sprawl, whither the commute? *Access* 23 (Fall): 14-19.

Book Chapters

- 2004 Crane, Randall and Daniel G. Chatman. Traffic and sprawl: Evidence from US commuting, 1985 to 1997. In *Urban sprawl in Western Europe and the United States*, edited by C. Bae and H. Richardson. Aldershot, Hampshire, UK: Ashgate.

Reports

- 2006 Chatman, Daniel G. *Transit-oriented development and household travel: A study of California cities*. Sacramento: California Department of Transportation.
- 2004 Boarnet, Marlon, Randall Crane, Daniel Chatman, and Michael Manville. *Supercenters and the transformation of the Bay Area grocery industry: Issues, trends, and impacts*. San Francisco: Bay Area Economic Forum.
- 2002 Crane, Randall, Abel Valenzuela, Dan Chatman, Lisa Schweitzer and Peter Wong. *California travel trends and demographics study*. Sacramento: California Department of Transportation.
- 2001 Crane, Randall, Dan Chatman, Lisa Schweitzer and Lois Takahashi. *Water governance in the San Francisco Bay Area: Challenges and opportunities*. Oakland, CA: California Policy Research Center, 2001.

Conference Proceedings

- 2001 Chatman, Dan and Lisa Schweitzer. 2001. *Transportation strategies to serve California's people, enhance its prosperity, and protect its resources: Proceedings of the California Transportation Futures Conference*, Los Angeles, California, June 21 to 22, 2001. Sacramento: California Department of Transportation.
- 2000 Chatman, Dan and Lisa Schweitzer. *Growth and the quality of life: Summary of symposium proceedings*. Los Angeles: UCLA Extension Public Policy Program.

Reviews

- 2005 Chatman, Daniel G. Review of *Still stuck in traffic: Coping with peak-hour traffic congestion*, Anthony Downs, 2004. *Urban Studies* 42 (12).

- 2003 ———. Book review: Global culture. [Review of *Global Culture: Media, arts, policy, and globalization* (2002), edited by Diana Crane, Nobuko Kawashima and Ken'ichi Kawasaki.] *Critical Planning* 10: 109-113.
- 2001 ———. Review essay: New works on the new regionalism. [Review of *The Regional City* (2001), Peter Calthorpe and William Fulton; *Regions that Work* (2000), Manuel Pastor, Jr., Peter Dreier, J. Eugene Grigsby and Marta López-Garza; and *City Making* (1999), Gerald R. Frug.] *Critical Planning* 8: 113-120.

UNPUBLISHED RESEARCH

Dissertation and Thesis

- 2005 *How the built environment influences non-work travel: Theoretical and empirical essays*. Dissertation, Department of Urban Planning, School of Public Affairs, University of California, Los Angeles.
- 1997 *An economic development policy for the Oglala Nation*. Policy Analysis Exercise (Master's thesis), with Andrew Aoki. John F. Kennedy School of Government, Harvard University.

Report

- 2002 *The impact of land use on travel: A review of current literature*. Los Angeles: UCLA Institute of Transportation Studies.

RESEARCH GRANTS AND CONTRACTS

- 2008-10 Principal Investigator. "Methodology for Determining the Economic Development Impacts of Transit Investments." Transit Cooperative Research Program, National Academy of Sciences. \$400,000
- 2008-10 Principal Investigator. "The Impact of Low-Cost Buses on the Transit Industry." With Nick Klein, Ph.D student. Transportation Coordinating Council, FTA Research Grant Program, Rutgers University. \$63,150
- 2008-10 Principal Investigator. "The Impact of Demographic Changes and Immigration on Transit Patterns in New Jersey." New Jersey Department of Transportation. \$286,000
- 2007-08 Principal Investigator. "Economic Benefits of New Transit Service: RiverLINE." New Jersey Department of Transportation and the University Transportation Research Center, Region II. \$317,000
- 2007-08 Principal Investigator. "Eliminating Barriers to Transit-Oriented Development." New Jersey Department of Transportation. \$164,000
- 2006 Principal Investigator. "Location-Efficient Mortgages and the Land Market: Who Benefits?" University Transportation Research Center, Region II. \$8,000

- 2004-06 Principal Investigator. "Transit-Oriented Developments and Travel in California: Phase II, Workers." California Department of Transportation. \$175,000
- 2002-04 Principal Investigator. "Transit-Oriented Developments and Travel in California: Phase I, Households." California Department of Transportation. \$180,000
- 2001-03 Co-Investigator. "California Transportation Plan Trends and Demographic Study." California Department of Transportation. \$350,000

PRESENTATIONS

Invited Presentations

- 2008 "Immigration trends in the US: Implications for travel demand, transportation systems, and public policy." Plenary paper, Conference on the Impact of Changing Demographics on the Transportation System, Transportation Research Board and Research and Innovative Technology Administration, Keck Center of the National Academies, Washington, DC. October 27-28.
- "Economic impacts of the River Line: Preliminary results." American Society of Civil Engineers, New Jersey Chapter Meeting. New Brunswick, NJ. February.
- 2006 "Walking and the built environment: The role of development density in the duration, distance and frequency of walking for non-work purposes." Nutritional Sciences Seminar, Department of Nutritional Sciences, at Rutgers University, New Brunswick, NJ. November.
- "Concentrating at work: Reducing auto use via transit-oriented development at the workplace." New Jersey Department of Transportation, at Ewing, NJ. September.
- "The death and life of smart growth." Enlightening Lunch seminar presentation, Bloustein School, at Rutgers University, New Brunswick, NJ. April.
- "Concentrating at work: Reducing auto use via transit-oriented development at the workplace." Brown Bag Lunch Seminar, New York Metropolitan Transportation Council. February.
- 2004-05 Invited talks at Harvard University (2005), Arizona State University (2005), Cleveland State University (2005), Georgia Institute of Technology (2005), Massachusetts Institute of Technology (2004), University of Pennsylvania (2004), University of Texas, Austin (2004), New York University (2004).

Refereed Conference Presentations

- 2008 "Economic impacts of new light rail service: A study of New Jersey's River Line." ACSP-AESOP 4th Joint Congress, at Chicago, Illinois. July 6-11.

- “Residential self-selection and non-work travel: Evidence using new data and methods.” Transportation Research Board Annual Meeting, at Washington, DC. January 14.
- “Deconstructing development density: Quality, quantity and price effects on household non-work travel.” Transportation Research Board Annual Meeting, at Washington, DC. January 14.
- 2007 “Transportation credit mortgages, spatial sorting, and housing supply: Who benefits?” Associated Collegiate Schools of Planning Annual Conference, at Milwaukee, Wisconsin. October 20.
- 2006 “Concentrating at work: Reducing auto use via transit-oriented development at the workplace.” Associated Collegiate Schools of Planning Annual Conference, at Fort Worth, Texas. November 12.
- “Location efficient mortgages and the land market: Who benefits?” Association of Public Policy Analysis and Management conference, at Madison, Wisconsin. November 4.
- 2005 “For a few dollars less: Estimating the costs and benefits of Wal-Mart’s entry into unionized grocery markets.” With Randall Crane. Economic Impact Research Conference: An In-Depth Look at Wal-Mart and Society, at Washington, DC. November 4.
- “Deconstructing development density in nonwork travel decisions.” Associated Collegiate Schools of Planning Annual Conference, at Kansas City, Missouri. October.
- “TODs and travel: A study of two metropolitan areas in California.” 10th Transportation Research Board Transportation Planning Applications Conference, at Portland, Oregon. April.
- “A household activity survey designed for land use and travel research.” 10th Transportation Research Board Transportation Planning Applications Conference, at Portland, Oregon. April.
- “Deconstructing density’s effect on walking: Nonwork travel as a function of activity, network load and built form density.” Poster presentation at Active Living Research Annual Conference, at San Diego, California. February.
- 2004 “Elephant or bogeyman? Land use, non-commute travel and the role of residential self-selection.” Associated Collegiate Schools of Planning Annual Conference, at Portland, Oregon. October.
- “Big boxes and fiscal payoffs.” Urban Affairs Conference, at Washington DC. April.

- 2003 “The influence of workplace land use and commute mode choice on mileage traveled for personal commercial purposes.” Transportation Research Board Annual Meeting, at Washington, DC. January.
- 2002 “Modeling the relationship between land use and travel behavior.” Associated Collegiate Schools of Planning Annual Conference, at Baltimore, Maryland. November.
- “Evaluating smart growth: Governance elements.” Associated Collegiate Schools of Planning Annual Conference, at Baltimore, Maryland. November.
- “Travel behavior and sprawl: Theory and estimation.” With Randall Crane. Associated Collegiate Schools of Planning Annual Conference, at Baltimore, Maryland. November.
- 2000 “The influence of employment density and mix on personal trip making by workers.” Association of Collegiate Schools of Planning Annual Conference, at Atlanta, Georgia. November.
- “The influence of workplace density and mix on personal trip making by workers in urban areas.” Travel Behavior, Planning, Modeling and Policy: IGERT Graduate Student Research Conference, at Davis, California. April.

TEACHING

- Transportation, Land Use and Urban Form (10:970:665). Graduate course in transportation concentration. Fall 2005, 16 students; Spring 2007, 20 students; Spring 2008, 5 students.
- Methods of Planning Analysis II (10:970:516). Required course for MCRP students. Fall 2006, 11 students; Fall 2007, 22 students; Fall 2008, 21 students.
- Principles of Urban Planning (10:970:306). Undergraduate elective course. Spring 2006, 11 students.
- Senior Seminar in Policy and Planning (32:762:494). Required course for undergraduate seniors. Spring 2007, 12 students.

ADVISING

- PhD only: Nicholas Tulach (mentor), Nick Klein (mentor), Bob Checcio (major field examiner), Cory Yemen, Jeremy Nemeth, Ralph Buehler, Richard Rabinowitz, Matt Cuddy, Stephan Schmidt.
- Graduate professional reports, Urban Planning and Policy Development Program:* Susan Lutin (2005-06); Beth Gordon, Harry Smith, Alex Barron, Darlene Jay (2006-07); Jamey Dempster, Kyeongsu Kim (2007-08).

Undergraduate honors theses: Dorothy Morillos (2005-06), second reader; Sophonie Joseph, Mabel Smith Douglass Honors Program (2007-08).

Independent study (UTRC fellowship): Amit Arora (2006-07).

SERVICE

Community

Pedestrian and Bicycle Safety Task Force, Borough of Highland Park, New Jersey (2005-)

Transportation Working Group, Innovations Roundtable, City of Los Angeles (2005-2006)

Academic

Board member, University Transportation Research Center, Region II (2006-)

Academic Committees, Edward J. Bloustein School of Planning and Public Policy, Rutgers University: Faculty Search Committee (2006-07, 2007-08), Representative to University-wide meetings on Software Site Licensing (2006-07), Ad-hoc Curriculum Committee, Public Policy Program (2005), PhD Admissions Committee (2005-), MCRP Admissions Committee (2005-), ITS Specialist Hiring Committee (2005)

Conference Discussant: Associated Collegiate Schools of Planning Conference (2005, 2007, 2008)

Reviewer: *American Journal of Preventive Medicine*, *Journal of Geographical Systems*, *Journal of Planning Education and Research*, *Journal of Planning Literature*, *Journal of the American Planning Association*, *Journal of Transport and Land Use*, *Transport Reviews*, *Transportation Research A*, *Urban Studies*, Transportation Northwest (UTC Region X) research proposals (2008), World Conference on Transportation Research (Berkeley, 2007).

Co-Editor, 1999–2003

Critical Planning, Department of Urban Planning, UCLA

Academic Committees, Department of Urban Planning, University of California, Los Angeles: Ph.D. Committee and Task Force, 2003–2004; University of California Transportation Conference Organizing Committee, 2003; Academic Personnel Committee (Staffing Working Group), 2001–2002; Faculty Meeting Student Representative, 1999–2000; Committee on Computing and Instructional Technology (School of Public Policy and Social Research) 1999-2002.

AWARDS AND HONORS

Student of the Year, University of California Transportation Center, 2005

Outstanding Graduating Doctoral Student, Department of Urban Planning, UCLA, 2005

Departmental Fellowship, Department of Urban Planning, UCLA, 2005

Major Field Examination Pass With Distinction, 2003

Eno Transportation Foundation Fellow, 2002

Dwight D. Eisenhower Graduate Fellow, U.S. Department of Transportation, 2000–2003

Chancellor's Fellow, University of California, Los Angeles, 1999–2004

PROFESSIONAL AFFILIATIONS

American Planning Association
Transportation Research Board
Association for Public Policy Analysis and Management
Association of American Geographers