

# Jesus M. Barajas

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University of Illinois at Urbana–Champaign  
Department of Urban and Regional Planning  
M218 Temple Buell Hall  
611 Lorado Taft Drive, MC 619  
Champaign, IL 61820

[barajasj@illinois.edu](mailto:barajasj@illinois.edu)  
217-300-7136

## EDUCATION

- PhD            **University of California, Berkeley**  
City and Regional Planning, August 2016
- MURP        **California State Polytechnic University, Pomona**  
Urban and Regional Planning, March 2011
- BS            **The Pennsylvania State University**  
Computer Science, May 2003

## ACADEMIC APPOINTMENTS

- 2018–        Assistant Professor  
Department of Urban & Regional Planning  
University of Illinois at Urbana–Champaign
- 2017–2018   Illinois Distinguished Postdoctoral Research Associate  
Department of Urban & Regional Planning  
University of Illinois at Urbana–Champaign
- 2016–2017   Postdoctoral Scholar, Safe Transportation Research and Education Center  
Lecturer, Department of City and Regional Planning  
University of California, Berkeley

## PUBLICATIONS

### Journal Articles

- Forthcoming   Barajas, Jesus M. “[Not All Crashes Are Created Equal: Associations between the Built Environment and Disparities in Bicycle Collisions.](#)” *Journal of Transport and Land Use*.

- 2018 Barajas, Jesus M., Asha Weinstein Agrawal, and Daniel G. Chatman. “Immigration, Income, and Public Transit Perceptions: Findings from an Intercept Survey.” *Journal of Public Transportation* 21 (2): 1-18.

### Monographs

- 2016 Barajas, Jesus M. “Making Invisible Riders Visible: Motivations for Bicycling and Public Transit Use among Latino Immigrants.” PhD diss., University of California, Berkeley.  
*Best dissertation award, Council of University Transportation Centers*
- 2016 Barajas, Jesus M., Daniel G. Chatman, and Asha W. Agrawal. *Exploring Bicycle and Public Transit Use by Low-Income Latino Immigrants: A Mixed-Methods Study in the San Francisco Bay Area*. MTI Report. San José, CA: Mineta Transportation Institute.

### Book Reviews

- 2017 Barajas, Jesus M. Review of *Bicycle Justice and Urban Transformation: Biking for All?*, edited by Aaron Golub, et al. *Journal of the American Planning Association* 83 (2): 226–227.
- 2014 Barajas, Jesus M. Review of *Bikenomics: How Bicycling Can Save the Economy*, by Elly Blue. *Berkeley Planning Journal* 27: 110–12.

### RESEARCH GRANTS AND AWARDS

- 2018 Co-Principal Investigator, “Construction of Pedestrian Infrastructure Along Transit Corridors,” Illinois Center for Transportation. \$248,915. PI: Lindsay M. Braun; Co-PI: Bumsoo Lee.
- 2017 Senior Researcher and Project Manager, “The Impacts of TOD and Affordable Housing on BART Ridership,” Great Communities Collaborative and Bay Area Rapid Transit District. \$100,000. PI: Karen Trapenberg Frick.
- 2017 Senior Program and Policy Analyst, “Developing a Statewide Crowdsourcing Pedestrian and Bicycle Safety Application,” California Office of Traffic Safety. \$150,000. PI: Jill F. Cooper.
- 2017 Research Fellow, “Assessing Race and Income Disparities in Crowdsourced Safety Data Collection,” Center for Technology, Society, and Policy; University of California, Berkeley. \$6,000.

- 2013–2016 Project Coordinator/Lead Author, “Bicycling and Access to Transit by Low-Income Immigrants,” Mineta Transportation Institute, San Jose State University. \$66,000. PI: Daniel G. Chatman.
- 2015 Dissertation Grant Recipient, “Barriers to Travel and Opportunity: Low-Income Latino Immigrants in the San Francisco Bay Area,” University of California Center on Economic Competitiveness in Transportation. \$18,000.

## INVITED TALKS

- 2018 “Cycling toward Equity: How Social Connections Reduce Barriers to Bicycling in Low-Income Immigrant Communities.” Department of City and Regional Planning, University of Memphis, February 23.
- 2017 “When Getting There Is Half the Battle: Barriers to Transit and Bicycling for Low-Income Immigrants.” CALCOG Leadership Forum, Monterey, CA, March 31.
- 2017 “The Softer Side of Cycling: The Role of Neighborhood Perceptions and Social Connections in Immigrant Travel Behavior.” Department of City and Regional Planning, Cornell University, January 30.
- 2016 “The Softer Side of Cycling: How Neighborhood Perceptions and Social Connections Influence Immigrant Travel.” Department of City and Regional Planning, UNC-Chapel Hill, August 31.
- 2009 “Private Sector Business View of Traveler Information Distribution: NAVTEQ Traffic.” TRB Workshop Identifying Traveler Information Research Needs, UC Irvine, April 16.

## CONFERENCE PRESENTATIONS

*Items with an asterisk indicate peer-reviewed papers also appear in refereed conference proceedings. Bold names indicate presenting author on multi-author presentations.*

- 2018 **Barajas, Jesus M.**, Kate Beck, and Jill F. Cooper. “How Effective Are Community Pedestrian Safety Training Workshops? Preliminary Findings from a Program in California.” 97th Annual Meeting of the Transportation Research Board, Washington, DC, January 7–11.
- 2018 Barajas, Jesus M. “How Equitable Is Bikeshearing? Exploring Population Characteristics and Access to Employment.” 97th Annual Meeting of the Transportation Research Board, Washington, DC, January 7–11.

- 2017 Barajas, Jesus M., Kate Beck, and **Aditya Medury**. “Assessing Race and Income Disparities in Crowdsourced Bicycle Safety Data Collection.” 6th International Cycling Safety Conference, Davis, CA, September 21–22.
- 2017 **Beck, Kate**, Aditya Medury, and Jesus M. Barajas. “Assessing Demographic Disparities in Crowdsourced Pedestrian Safety Data.” Walk21, Calgary, AB, Canada, September 19–22.
- 2017 Barajas, Jesus M. “Not All Crashes Are Created Equal: Associations between the Built Environment and Disparities in Bicycle Collisions.” Scientists for Cycling Colloquium, Arnhem-Nijmegen, the Netherlands, June 12.
- 2017\* Barajas, Jesus M. “[Bicycling Is Freedom: A Qualitative Analysis of Latino Immigrant Cycling Experiences.](#)” 96th Annual Meeting of the Transportation Research Board, Washington, DC, January 8–12.
- 2017\* **Barajas, Jesus M.**, Asha W. Agrawal, and Daniel G. Chatman. “[Immigration, Income, and Public Transit Perceptions: Findings from an Intercept Survey.](#)” 96th Annual Meeting of the Transportation Research Board, Washington, DC, January 8–12.
- 2016 Barajas, Jesus M. “What Motivates Bicycling? Relative Influences of the Individual, Social, and Built Environments among Immigrants and Non-Immigrants.” (Panel Organizer: “Deepening Understandings of Transportation Equity.”) 56th Association of Collegiate Schools of Planning Annual Conference, Portland, OR, November 3–6.
- 2016 **Bierbaum, Ariel H.**, and Jesus M. Barajas. “Assessing the Impact of Charter School Options on Household Travel Behavior in Philadelphia.” (Panel Organizer: “Deepening Understandings of Transportation Equity.”) 56th Association of Collegiate Schools of Planning Annual Conference, Portland, OR, November 3–6.
- 2016 Barajas, Jesus M. “Relative Influences of Immigrant Perceptions and Attitudes on Travel Choice.” 14th World Conference on Transport Research, Shanghai, China, July 10–15.
- 2016 Barajas, Jesus M. “Relative Influences of Perceptions and Attitudes on Travel Choice: Immigrant Bicycling in the San Francisco Bay Area.” University of California Center on Economic Competitiveness in Transportation Conference, UC Riverside, California, February 12.
- 2016\* Barajas, Jesus M. “[Disparities in Bicycle Crash Influences among Population Groups: Initial Findings.](#)” 95th Annual Meeting of the Transportation Research Board, Washington, DC, January 10–14.

- 2015 **Barajas, Jesus M.**, Daniel G. Chatman, and Asha W. Agrawal. “Low-Income Immigrant Travel Behavior in the San Francisco Bay Area: Findings from an Intercept Survey.” 55th Association of Collegiate Schools of Planning Annual Conference, Houston, TX, October 22–25.
- 2015 Barajas, Jesus M. “Travel Behavior of Low-Income Immigrant Latinos: Perceptions of Transportation Access in the Bay Area.” 94th Annual Meeting of the Transportation Research Board, Washington, DC, January 11–15.
- 2014 **Barajas, Jesus M.**, Daniel G. Chatman, and Asha W. Agrawal. “Bicycling and Access to Transit by Low-Income Immigrants.” 54th Association of Collegiate Schools of Planning Annual Conference, Philadelphia, PA, October 30–November 2.
- 2014 Barajas, Jesus M. “All Crashes are not Created Equal: Disparities in Bicycle Collisions.” University of California Transportation Center Conference, Cal Poly Pomona, Pomona, California, April 18.
- 2013 Barajas, Jesus M. “Immigrant Bicycling in the United States: Update from the 2009 National Household Travel Survey.” University of California Transportation Center Conference, UCLA, Los Angeles, California, March 1.
- 2012\* Barajas, Jesus M. “[Built Environment and Demographic Predictors of Bicycle Access to Transit: An Investigation in the San Francisco Bay Area.](#)” 91st Annual Meeting of the Transportation Research Board, Washington, DC, January 22–26.
- 2010\* Barajas, Jesus M. “[Regional Bicycle Planning in Los Angeles County: Analysis of Bike-Transit Integration in the Metro Bicycle Transportation Strategic Plan.](#)” 89th Annual Meeting of the Transportation Research Board, Washington, DC, January 10–14.
- 2009 Barajas, Jesus M. “Regional Bicycle Planning in Los Angeles County.” Jack R. Widmeyer Transportation Research Conference, Cal State San Bernardino, San Bernardino, California, November 6.

## TEACHING EXPERIENCE

### University of Illinois at Urbana–Champaign

- Fall 2018 Cities: Planning & Urban Life  
Undergraduate course (20 students)
- Spring 2018 Transportation Equity  
Graduate/senior undergraduate seminar (16 students)

Fall 2017      Cities: Planning & Urban Life  
Undergraduate course (26 students)

**University of California, Berkeley**

Spring 2017    Introduction to Planning Methods, Part 2  
Graduate course (33 students)

Fall 2016      Transportation and Land Use Planning (Co-lecturer)  
Graduate course (27 students)

Fall 2014–     Introduction to Planning Methods, Parts 1 and 2 (Head Teaching Assistant)  
Spring 2015   Graduate courses (52 and 48 students)

Summer 2014 Introduction to Urban and Regional Transportation Planning (Co-instructor)  
Upper division undergraduate course (52 students)

Spring 2014   Introduction to Urban and Regional Transportation Planning (Teaching Assistant)  
Upper division undergraduate course (69 students)

**AWARDS, HONORS, AND FELLOWSHIPS**

2017            Charley V. Wootan Memorial Award  
Best dissertation in Transportation Policy and Planning  
Council of University Transportation Centers

2015            Doctoral Completion Fellowship (\$35,500)  
University of California, Berkeley

2015            Eno Future Leaders Development Fellowship (\$5,000)  
Rodney E. Slater award winner  
Eno Center for Transportation

2015            Outstanding Graduate Student Instructor Award  
University of California, Berkeley

2014            Eisenhower Graduate Fellowship (\$5,000)  
Federal Highway Administration

2011            Regents' Intern Fellowship (\$142,000)  
University of California, Berkeley

2011            Graduating Student Merit Award  
California Planning Foundation

2010            Minority Student Fellowship (\$1,500)  
Transportation Research Board

## **SERVICE**

Journal reviews:     *Journal of Transport & Health, Journal of Transport and Land Use, Journal of Urban Planning and Development, Transportation Research Part A: Policy and Practice, Transportation Research Part F: Traffic Psychology and Behaviour, Transportation Research Record: Journal of the Transportation Research Board*

2018–            Member, Social and Economic Factors of Transportation Committee,  
Transportation Research Board

2016            Ad hoc Diversity and Inclusion Curriculum Review Committee, Department of  
City and Regional Planning, UC Berkeley

2013–2015,     Editorial Board Member, *Berkeley Planning Journal*  
2011–2012

2012–2013     Co-managing Editor, *Berkeley Planning Journal*

## **PROFESSIONAL EXPERIENCE**

2008–2011     Associate Program Manager, Transportation Data Services  
2007–2008     Data Quality Analyst  
NAVTEQ/Traffic.com  
Los Angeles, CA and Wayne, PA

2003–2007     Information Technology Officer  
United States Air Force  
San Antonio, TX; Hampton, VA; Lajes, Azores, Portugal