

# Jesus M. Barajas

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Department of Urban and Regional Planning  
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## 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
- 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

- 2019        Barajas, Jesus M. “[Perceptions, People, and Places: Influences on Cycling for Latino Immigrants and Implications for Equity.](#)” *Journal of Planning Education and Research*: 1–16. Published ahead of print.
- 2019        Barajas, Jesus M., Kate Beck, Jill F. Cooper, Ana Lopez, and Amanda Reynosa. “[How Effective Are Community Pedestrian Safety Training Workshops? Findings from a Program in California.](#)” *Journal of Transport & Health* 12 (March): 183–194.
- 2018        Barajas, Jesus M. “[Supplemental Infrastructure: How Community Networks and Immigrant Identity Influence Cycling.](#)” *Transportation*: 1–24. Published ahead of print.

- 2018 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* 11 (1): 865–882.
- 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.

### Book Chapter

- 2017 Barajas, Jesus M., Geoff Boeing, and Julie Wartell. “Neighborhood Change, One Pint at a Time: The Impact of Local Characteristics on Craft Breweries.” In *Untapped: Exploring the Cultural Dimensions of the Craft Beer Revolution*, edited by Nathaniel G. Chapman, J. Slade Lellock, and Cameron Lippard, 155–176. Morgantown: WVU Press.

### 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

- 2019 Barajas, Jesus M. Review: *Latino Placemaking and Planning: Cultural Resilience and Strategies for Reurbanization* By Lara, Jesus J. *Journal of Planning Education and Research*.
- 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

- 2018–2020 Co-Principal Investigator, “Construction of Pedestrian Infrastructure Along Transit Corridors,” Illinois Center for Transportation. \$248,915. PI: Lindsay M. Braun; Co-PI: Bumsoo Lee.
- 2017–2019 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.
- 2017–2018 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 & PANEL DISCUSSIONS

- 2019 “Supplemental Infrastructure: Travel Behavior and Transportation Equity in Latino Immigrant Communities.” Department of Geography & GIS, University of Illinois at Urbana–Champaign, March 8.
- 2019 “Supplemental Infrastructure: Travel Behavior and Transportation Equity in Latino Immigrant Communities.” Graduate School of Design, Harvard University, February 21.
- 2018 “The Data Revolution for Planning and Community Engagement.” University of Illinois Extension Annual Conference, Champaign, IL, November 14.
- 2018 Equity in Planning Panel, organized by APA-IL, Chicago, IL, October 18.
- 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. Accepted presentations listed.*

- 2019 **Barajas, Jesus M.**, Robert Cervero, and Karen Trapenberg Frick. “Does Equitable TOD Improve Access for Low-Income Households? Examining Travel Behavior in the San Francisco Bay Area.” 59th Association of Collegiate Schools of Planning Annual Conference, Greenville, SC, October 24–27.
- 2019 **Barajas, Jesus M.**, and Kate Lowe. “Traffic Citations in Chicago: Implications for Pedestrian and Bicycle Equity.” 49th Urban Affairs Association Conference, Los Angeles, CA, April 24–27.
- 2019 **Barajas, Jesus M.**, and Lindsay M. Braun. “Which Cyclists Feel Better? The Role of Gentrification and Neighborhood on Self-Reported Health.” 2019 Active Living Conference, Charleston, SC, February 17–20.
- 2019 Barajas, Jesus M. “The Effects of Driver Licensing Laws on Immigrant Travel.” 98th Annual Meeting of the Transportation Research Board, Washington, DC, January 13–17.
- 2018 **Barajas, Jesus M.**, Robert Cervero, and Karen Trapenberg Frick. “Travel and Access in Transit-Oriented Affordable Housing: A Preview.” (Panel Organizer: “Perspectives on Mobility Justice.”) 58th Association of Collegiate Schools of Planning Annual Conference, Buffalo, NY, October 27.
- 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 Bikesharing? 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

Transportation Planning Workshop (Fall 2019)

Cities: Planning & Urban Life (Fall 2017, 2018, 2019)

Transportation Equity (Spring 2018, 2019)

**University of California, Berkeley**

Introduction to Planning Methods, Part 2 (Lecturer Spring 2017, Teaching assistant Spring 2015)

Transportation and Land Use Planning (Co-lecturer Fall 2016)

Introduction to Planning Methods, Part 1 (Teaching assistant Fall 2014)

Introduction to Urban and Regional Transportation Planning (Co-lecturer Summer 2014, Teaching assistant Spring 2014)

**AWARDS, HONORS, AND FELLOWSHIPS**

- 2019 List of teachers ranked as excellent (Spring 2019)  
University of Illinois at Urbana-Champaign
- 2019 ACSP Junior Faculty of Color workshop participant
- 2018 List of teachers ranked as excellent (Fall 2017)  
University of Illinois at Urbana-Champaign
- 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

- 2018– Member, Social and Economic Factors of Transportation Committee,  
Transportation Research Board
- 2018–2019 Data Science Curriculum Task Force, Department of Urban and Regional Planning,  
University of Illinois
- 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*
- Journal reviews: *Journal of Planning Education and Research, 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*

## 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