

Jesus M. Barajas

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EDUCATION

PhD, City and Regional Planning, University of California, Berkeley, 2016

Master of Urban and Regional Planning, Cal Poly Pomona, 2011

BS, Computer Science, Penn State University, 2003

ACADEMIC APPOINTMENTS

University of California, Davis

2024– Associate Professor of Environmental Science and Policy

2020–2024 Assistant Professor of Environmental Science and Policy

University of Illinois Urbana–Champaign

2018–2020 Assistant Professor of Urban and Regional Planning

2017–2018 Illinois Distinguished Postdoctoral Research Associate

University of California, Berkeley

2016–2017 Postdoctoral Scholar, Safe Transportation Education and Research Center

PUBLICATIONS

Journal Articles

Barajas, Jesus M., Sarah Grajdura, Alex Karner, Matthew Palm, and Dana Rowangould. 2025. “Shifting Priorities from Equity to Exclusion: Investigating US Transportation Policy Changes in the Anti-DEI Era.” *Findings*, March.

Wang, Weijing, Sierra Espeland, Jesus M. Barajas, and Dana Rowangould. 2025. “Rural–Nonrural Divide in Car Access and Unmet Travel Need in the United States.” *Transportation* 52: 507–536.

Ralph, Kelcie, Jesus M. Barajas, Angela Johnson-Rodriguez, Alexa Delbosc, and Carlyn Muir. 2024. “The End of Speed Traps and Ticket Quotas: Re-framing and Reforming Traffic Cameras to Increase Support.” *Journal of Planning Education and Research* 44 (4): 1988–2003.

Meng, Si'an, Anne Brown, and Jesus M. Barajas. 2024. “Complements or Competitors? Equity Implications of Taxis and Ride-Hail Use in Chicago.” *Journal of Transport Geography* 40: 103973.

- Venkataram, Prashanth S., Justin A. Flynn, Md. Musfiqur Rahman Bhuiya, Jesus M. Barajas, and Susan Handy. 2024. "Availability and Usability of Transportation for People with Disabilities Depending on What the User Is Expected to Do." *Transportation Research Interdisciplinary Perspectives* 23: 100960.
- Venkataram, Prashanth S., Justin A. Flynn, Md. Musfiqur Rahman Bhuiya, Jesus M. Barajas, and Susan Handy. 2023. "Framing Availability and Usability of Transportation for People with Disabilities." *Transportation Research Interdisciplinary Perspectives* 22: 100961.
- Barajas, Jesus M. 2023. "Perceptions, People, and Places: Influences on Cycling for Latino Immigrants and Implications for Equity." *Journal of Planning Education and Research* 43 (1): 196–211.
- Lowe, Kate, Jesus M. Barajas, and Chelsie Coren. 2023. "It's Annoying, Confusing, and It's Irritating': Lived Expertise for Epistemic Justice and Understanding Inequitable Accessibility." *Journal of Transport Geography* 106 (January): 103504.
- Braun, Lindsay M., Jesus M. Barajas, Bumsoo Lee, and Rebecca Martin. 2022. "Walking the Last Mile: Barriers and Solutions to Suburban Transit Access." *Transportation Research Record: Journal of the Transportation Research Board* 2676 (12): 456–467.
- Ralph, Kelcie, Jesus M. Barajas, Angela Johnson-Rodriguez, Alexa Delbosc, and Carlyn Muir. 2022. "Can a Racial Justice Frame Help Overcome Opposition to Automated Traffic Enforcement?" *Transportation Research Interdisciplinary Perspectives* 14 (June): 100594.
- Coren, Chelsie, Kate Lowe, and Jesus M. Barajas. 2022. "Commuting Carless: A Qualitative Study of Transportation Challenges for Disadvantaged Job Seekers in Chicago, IL." *Transportation Research Record: Journal of the Transportation Research Board* 2676 (6): 673–684.
- Barajas, Jesus M. 2021. "Biking Where Black: Connecting Transportation Planning and Infrastructure to Disproportionate Policing." *Transportation Research Part D: Transport and Environment* 99 (October): 103027.
- Barajas, Jesus M., and Lindsay M. Braun. 2021. "Are Cycling and Walking Good for All? Tracking Differences in Associations among Active Travel, Socioeconomics, Gentrification, and Self-Reported Health." *Journal of Transport & Health* 23 (December): 101246.
- Krapp, Agustina, Jesus M. Barajas, and Audrey Wennink. 2021. "Equity-Oriented Criteria for Project Prioritization in Regional Transportation Planning." *Transportation Research Record: Journal of the Transportation Research Board* 2675 (9): 182–195.
- Barajas, Jesus M. 2021. "The Effects of Driver Licensing Laws on Immigrant Travel." *Journal of Transport Policy* 105: 22–34.

- Barajas, Jesus M., and Anne Brown. 2021. "Not Minding the Gap: Does Ride-Hailing Serve Transit Deserts?" *Journal of Transport Geography* 90: 102918.
- Bierbaum, Ariel H., Alex Karner, and Jesus M. Barajas. 2021. "Towards Mobility Justice: Linking Transportation and Education Equity in the Context of School Choice." *Journal of the American Planning Association* 87 (2): 197–210.
- Barajas, Jesus M. 2020. "Supplemental Infrastructure: How Community Networks and Immigrant Identity Influence Cycling." *Transportation* 47: 1251–1274.
- Barajas, Jesus M., Kate Beck, Jill F. Cooper, Ana Lopez, and Amanda Reynosa. 2019. "How Effective Are Community Pedestrian Safety Training Workshops? Short-term Findings from a Program in California." *Journal of Transport & Health* 12 (March): 183–194.
- Barajas, Jesus M. 2018. "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.
- Barajas, Jesus M., Asha Weinstein Agrawal, and Daniel G. Chatman. 2018. "Immigration, Income, and Public Transit Perceptions: Findings from an Intercept Survey." *Journal of Public Transportation* 21 (2): 1–18.

Book Chapters

- Barajas, Jesus M. 2021. "The Roots of Racialized Travel Behavior." In *Social Issues in Transportation, Volume 8*, edited by Rafael H. M. Pereira and Geneviève Boisjoly, 1–31. Elsevier.
- Barajas, Jesus M., Geoff Boeing, and Julie Wartell. 2017. "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.

Reports

- Bhuiya, Md Musfiqur Rahman, Jesus M. Barajas, and Prashanth S. Venkataram. 2025. *After the Crash: Post-Collision Travel Behavior and Safety Perceptions*. University of California Institute of Transportation Studies.
- National Academies of Sciences, Engineering, and Medicine. 2025. *An Assessment of Data, Tools, and Metrics for Equity in Decisions About Surface Transportation Investments*. Washington, DC: The National Academies Press. (Panelist author.)
- Kim, Jae Hong, Jesus M. Barajas, Nicholas J. Marantz, Douglas Houston, Veronica Herrera, Alex Okashita, and Maxwell B. Cabello. 2024. *Assessing the Potential for Densification and VMT Reduction in Areas Without Rail Transit Access*. University of California Institute of Transportation Studies.

- McGinnis, Claire, and Jesus M. Barajas. 2024. *Evaluating Transportation Equity Data Dashboards*. University of California Institute of Transportation Studies.
- Bhuiya, Md Musfiqur Rahman, Jesus M. Barajas, and Prashanth S. Venkataram. 2024. *Effects of Road Collisions on the Travel Behavior of Vulnerable Groups: Expert Interview Findings*. University of California Institute of Transportation Studies.
- Austin, Bernadette, Jose Richard Aviles, Jesus M. Barajas, Brian Harold, Katherine Mendenez, Eli Moore, Ramon Quintero, and Juan Carlos Garcia Sanchez. 2024. *Advancing Equitable Community-based Transportation Planning: An Evaluation of the Sustainable Transportation Equity Project & Clean Mobility Options Programs*. Berkeley and Davis, Calif.: Othering and Belonging Institute and UC Davis Institute of Transportation Studies.
- Barbour, Elisa, Sarah Grajdura, Ran Sun, Giovanni Circella, Jesus M. Barajas, Miguel Jaller, Mollie D'Agostino, and Susan Handy. 2023. *Post-Covid Transportation Scenarios: Evaluating the Impact of Policies*. Davis, Calif.: University of California, Davis.
- Loukaitou-Sideris, Anastasia, Susan L. Handy, Paul M. Ong, Jesus M. Barajas, Jacob L. Wasserman, Chhandara Pech, Juan Carlos Garcia Sanchez, Andres F. Ramirez, Aakansha Jain, Emmanuel Proussaloglou, Andrea Nguyen, Katherine Turner, Abigail Fitzgibbon, Francois Kaepelin, Felipe Ramirez, and Marc Arenas. 2023. *The Implications of Freeway Siting in California: Four Case Studies on the Effects of Freeways on Neighborhoods of Color*. Los Angeles, Calif.: Pacific Southwest Region University Transportation Center.
- Nguyen, Peter, and Jesus M. Barajas. 2023. *Tools and Best Practices for Land Use Efficiency and Equity in Cities*. Davis, Calif.: National Center for Sustainable Transportation.
- Barajas, Jesus M., and Weijing Wang. 2023. *Mobility Justice in Rural California: Examining Transportation Barriers and Adaptations in Carless Households*. Davis, Calif.: National Center for Sustainable Transportation.
- Barajas, Jesus M., Lindsay M. Braun, Amanda Merck, Bob Dean, Paul Esling, and Heidy Persaud. 2022. *The State of Practice in Community Impact Assessment*. Urbana, Ill.: Illinois Center for Transportation.
- Barajas, Jesus M., Asiya Natekal, and Carolyn Abrams. 2022. *An Assessment of How State and Regional Transportation Agencies Advance Equity in Transportation Plans, Processes, and Implementation*. University of California Institute of Transportation Studies.
- Braun, Lindsay M., Jesus M. Barajas, Bumsoo Lee, Rebecca Martin, Rafsun Mashraky, Shubhangi Rathor, and Manika Shrivastava. 2021. *Construction of Pedestrian Infrastructure along Transit Corridors*. Urbana, Ill.: Illinois Center for Transportation.
- Barajas, Jesus M., Karen Trapenberg Frick, and Robert Cervero. 2020. *Travel of TOD Residents in the San Francisco Bay Area: Examining the Impact of Affordable Housing*. University of Illinois at Urbana-Champaign and University of California, Berkeley.

Barajas, Jesus M., Daniel G. Chatman, and Asha W. Agrawal. 2016. *Exploring Bicycle and Public Transit Use by Low-Income Latino Immigrants: A Mixed-Methods Study in the San Francisco Bay Area*. San José, Calif.: Mineta Transportation Institute.

Book Reviews

Barajas, Jesus M. 2023. *Review of Spent Behind the Wheel: Drivers' Labor in the Uber Economy*, by Julietta Hua and Kasturi Ray. *Journal of the American Planning Association* 89 (1): 152–153.

Barajas, Jesus M. 2020. *Review: Latino Placemaking and Planning: Cultural Resilience and Strategies for Reurbanization* By Lara, Jesus J. *Journal of Planning Education and Research* 40 (4): 505–506.

Barajas, Jesus M. 2017. *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.

Barajas, Jesus M. 2014. *Review of Bikenomics: How Bicycling Can Save the Economy*, by Elly Blue. *Berkeley Planning Journal* 27: 110–12.

Working Papers and Preprints

Bierbaum, Ariel H., and Jesus M. Barajas. 2019. “The Burden of Choice? Assessing the Impact of School Choice on Student Travel and Household Activity in Philadelphia.” Available on SSRN.

Public Scholarship

Barajas, Jesus M. 2023. “Sustainable Transportation for Rural Communities.” The Regulatory Review (blog). March 29, 2023.

Lowe, Kate, Olatunji Oboi Reed, and Jesus M. Barajas. 2022. “Walking, biking and rolling—and disparities in getting around in Chicago.” *Crain's Chicago Business*, March 11, 2022.

Barajas, Jesus M. 2021. “Cycling Toward Mobility Justice in Latino Immigrant Communities.” *Transfers*, Spring 2021.

Barajas, Jesus M. 2021. “Giving Undocumented Immigrants Access to Driver's Licenses Has Transportation Benefits for Everyone.” LSE United States Politics and Policy (blog). April 19, 2021.

Dissertation

“Making Invisible Riders Visible: Motivations for Bicycling and Public Transit Use Among Latino Immigrants.” *Best dissertation award, Council of University Transportation Centers*.

RESEARCH GRANTS

- Pacific Southwest Region University Transportation Center. “Investigating Unmet Travel Needs in Disadvantaged and Rural Communities: Can Sustainable Transportation Meet These Needs?” (Co-PI), \$99,999, 2024–2025.
- California Air Resources Board. “Research Study: Impacts and Implications of California Housing and Transportation Costs” (PI), \$499,976, 2023–2025.
- California Department of Transportation. “Equity Concerns Related To Induced Travel and Mitigation” (PI), \$146,211, 2023–2024.
- University of California Institute of Transportation Studies. “A Comprehensive Evaluation of Transportation Equity Metrics” (PI), \$99,337, 2023–2024.
- Spencer Foundation. “Mobility Justice and School Desegregation” (co-PI with Ariel Bierbaum), \$25,000, 2023–2024.
- University of California Institute of Transportation Studies. “Reassessing traffic safety: Conditions and causes of dangerous streets and their implications for racial justice” (PI with Avipsa Roy), \$79,999, 2022–2023.
- University of California Institute of Transportation Studies. “Analyzing and Assessing Tools for Transportation Equity” (PI), \$29,999, 2022–2023.
- University of California Institute of Transportation Studies. “Studying the Effects of Collisions on Travel Behavior” (co-PI with Prashanth Venkataram), \$29,999, 2022–2023.
- California Air Resources Board. “Understanding Travel Demand and Built Environment Factors to Optimized Increased Zero Emission Vehicle Access in Underserved Communities” (co-PI with Scott Hardman), \$599,978, 2022–2024.
- University of California Institute of Transportation Studies. “Understanding and innovating transportation access to education: A study of K-12 student transportation in California” (PI), \$29,278, 2022-2023.
- University of California Institute of Transportation Studies. “Assessing the potential for densification and VMT reduction in areas without rail transit access” (PI), \$24,999, 2022–2023.
- National Center for Sustainable Transportation. “Tools and Best Practices for Land Use Efficiency and Equity in Cities” (PI), \$35,027, 2022.
- National Center for Sustainable Transportation. “Mobility Justice in Rural California: Examining Transportation Barriers and Adaptations in Carless Households” (PI), \$92,246, 2021–2022.
- California Air Resources Board. “STEP Planning and Capacity Building Grant Technical Assistance and Community Transportation Needs Assessment” (subaward PI), \$116,993, 2021–23.

- University of California Institute of Transportation Studies. “Advancing Transportation Equity Policy and Practice in California” (PI), \$20,000, 2021.
- Caltrans, “The Implications of Freeway Siting in California: An Equity, Geospatial, and Case Study Approach” (co-PI with Susan Handy), \$180,000, 2021–2023.
- Illinois Center for Transportation, “Evaluating IDOT’s Community Impact Assessment Manual to Determine Socioeconomic Impacts of Projects” (PI with Lindsay M. Braun), \$209,128, 2020–2022.
- University of Illinois at Urbana–Champaign Campus Research Board, “Equity in the Use of Emerging Data Sources for Transportation Planning” (co-PI with Lindsay M. Braun), \$27,349, 2020–2021.
- Illinois Department of Transportation, “Transit Ridership Trends in Downstate Illinois” (co-PI with Lindsay M. Braun and Bumsoo Lee), \$312,249.90, 2020–2021.
- Illinois Center for Transportation, “Construction of Pedestrian Infrastructure Along Transit Corridors” (co-PI with Lindsay M. Braun and Bumsoo Lee), \$248,915, 2018–2020.
- Great Communities Collaborative and San Francisco Bay Area Rapid Transit District, “The Impacts of TOD and Affordable Housing on BART Ridership” (visiting researcher with PI Karen Trapenberg Frick), \$100,000, 2017–2019.
- Mineta Transportation Institute, “Bicycling and Access to Transit by Low-Income Immigrants” (project coordinator with PI Daniel G. Chatman), \$66,000, 2013–2016.
- University of California Center on Economic Competitiveness in Transportation, “Barriers to Travel and Opportunity: Low-Income Latino Immigrants in the San Francisco Bay Area” (Dissertation Grant Recipient), \$18,000, 2015.

INVITED TALKS & PANEL DISCUSSIONS

- “Transportation Big Data Sources and Equity” (Workshop Panel Discussion). 2025. 104th Annual Meeting of the Transportation Research Board, January 5.
- “Perspectives on Transportation Equity: Mobility Justice from the Lens of Traffic Safety and Security.” 2024. UC Berkeley Institute of Transportation Studies Seminar, October 4.
- Healthy Food and Communities Panel Discussion. 2024. UC Davis Symposium on Agricultural, Environmental and Social Sciences, May 1.
- “Reassessing Traffic Safety: Conditions and Causes of Dangerous Streets and Their Implications for Racial Justice.” 2024. Sonoma State University Geography, Environment, and Planning Colloquium, April 24.
- “Safe for Whom? Mobility Justice and Biking Where Black in the Context of Traffic Safety and Enforcement.” 2023. Center for Urban and Regional Analysis Webinar Series, Ohio State University, November 17.

- “Equity in Project Prioritization and Planning at State and Regional Transportation Agencies.” 2023. National Institute for Transportation and Communities Lecture Series, University of Arizona, March 17.
- “Illuminating ‘Hidden’ Barriers: Findings from the *Mobility Justice in Chicago* Research Study.” 2023. UC Santa Barbara Geography Colloquium, February 23.
- “Transportation Equity Metrics in Practice: Perspectives from MPOs and State DOTs.” 2022. Transportation Research Board Equity Metrics Committee Consensus Study, December 6.
- “At a Crossroad: Mobility and Access to Resources” (Panel Discussion). 2022. 41st Annual Edward V. Sparer Symposium, University of Pennsylvania Carey Law School, February 11.
- “Metrics and Implications for Equity: Regional and Local Applications” (Panel Discussion). 2021. WIN (Well-Being in the Nation) Network Listening Session. December 16.
- “Biking Where Black: Connecting Transportation Planning and Infrastructure to Disproportionate Policing.” 2021. CityForum Lecture Series, University of Texas at Austin, November 19.
- “Cycling Toward Mobility Justice.” 2021. Talks at L.A. Metro, October 5.
- “Safe for Whom? Transportation Safety in the Context of Planning and Infrastructure Inequities.” 2021. Perloff Lecture Series on Race in Transportation, UCLA Institute of Transportation Studies, February 25.
- “Safe for Whom? Transportation Safety in the Context of Planning and Infrastructure Inequities.” 2020. Caltrans Transportation Equity Research Workshop, November 16.
- “Safe for Whom? Transportation Safety in the Context of Planning and Infrastructure Inequities.” 2020. Safe Transportation Research and Education Center, Berkeley, Calif., October 23.
- “Biking While Black: How Planning Contributes to Unjust Policing.” 2020. Transport Chicago, Chicago, Ill., October 16.
- “Biking While Black: How Planning Contributes to Unjust Policing.” 2020. National Institute for Transportation and Communities Visiting Scholar Seminar Series, Portland State University, Portland, Ore. (virtual), October 9.
- “Mobility Violations: Exploring Policing, Planning, and Transportation.” 2020. Transportation Technology & Policy Mobility Justice Working Group Workshop Series, University of California, Davis, Davis, Calif. (virtual), May 15.
- “Mobility Justice in Chicago: Ending Racialized Enforcement Activities” (Panel Discussion). 2020. Hosted by Equiticity and Center for Neighborhood Technology, Chicago, Ill., March 9.

- “Pedestrian Safety, Accessibility, and Harassment: Experiences Across Age, Race, Class, Ability, and Gender” (Panel Discussion and Workshop). 2020. 99th Annual Meeting of the Transportation Research Board, Washington, D.C., January 16.
- “Transport Justice in Theory and Practice Roundtable.” 2019. 59th Association of Collegiate Schools of Planning Annual Conference, Greenville, S.C., October 24.
- “Supplemental Infrastructure: Travel Behavior and Transportation Equity in Latino Immigrant Communities.” 2019. Department of Geography & GIS, University of Illinois at Urbana–Champaign, March 8.
- “Supplemental Infrastructure: Travel Behavior and Transportation Equity in Latino Immigrant Communities.” 2019. Graduate School of Design, Harvard University, February 21.
- “The Data Revolution for Planning and Community Engagement.” 2018. University of Illinois Extension Annual Conference, Champaign, Ill., November 14.
- APA-IL Equity in Planning Panel. 2018. Chicago, Ill., October 18.
- “When Getting There Is Half the Battle: Barriers to Transit and Bicycling for Low-Income Immigrants.” 2017. CALCOG Leadership Forum, Monterey, Calif., March 31.
- “Private Sector Business View of Traveler Information Distribution: NAVTEQ Traffic.” 2009. 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.

- “How Often Do People with Disabilities Travel by Certain Modes?: A Study from California.” 104th Annual Meeting of the Transportation Research Board, Washington, D.C., January 7.
- Bhuiya, Md Musfiqur Rahman, Jesus M. Barajas,** and Prashanth S. Venkataram. 2024. “Advancing Equitable Community-Based Transportation Planning: An Evaluation of Clean Transportation Grant Programs.” 2nd Conference on Advancing Transportation Equity, Baltimore, Md., July 17.
- Barajas, Jesus M.,** and Weijing Wang. 2024. “Reassessing Traffic Safety: Conditions and Causes of Dangerous Streets and Their Implications for Racial Justice.” American Association of Geographers Annual Meeting, Honolulu, Hawaii, April 18.
- McGinnis, Claire,** and Jesus M. Barajas. 2024. “Evaluating Transportation Equity Dashboards.” 103rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 10.

- Bhuiya, Md. Musfiqur Rahman, Md. Musleh Uddin Hasan, and **Jesus M. Barajas**. 2024. "Mobility of Movement-Challenged Persons and Transportation Inequity: A Mixed Methods Study from Dhaka, Bangladesh." 103rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 8.
- Meng, Sian**, Anne Brown, and Jesus M. Barajas. 2023. "Complements or Competitors? Equity Implications of Taxis and Ride-hail Use in Chicago." 63rd Association of Collegiate Schools of Planning Annual Conference, Chicago, Ill., October 21.
- Bierbaum, Ariel H.**, Jesus M. Barajas, and Md. Musfiqur Rahman Bhuiya. 2023. "Mobility Justice and School Desegregation." 63rd Association of Collegiate Schools of Planning Annual Conference, Chicago, Ill., October 21.
- Barajas, Jesus M.**, and Veronica Herrera. 2023. "Bus-Oriented Development and Displacement: Perspectives from Policy, Advocacy, and Practice." 63rd Association of Collegiate Schools of Planning Annual Conference, Chicago, Ill., October 19.
- Barajas, Jesus M.**, Asiya Natekal, and Carolyn Abrams. 2023. "How State Departments of Transportation Address Equity: A Qualitative Review of Plans and Processes." 102nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 11.
- Wang, Weijing, Sierra Espeland**, Jesus M. Barajas, and Dana Rowangould. 2023. "Who Lacks Cars and Where? Rural–Non-Rural Disparities in Sociodemographic and Mobility Characteristics by Car Access in the United States." 102nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 11.
- Ralph, Kelcie, Jesus M. Barajas, **Angela Johnson-Rodriguez**, Alexa Delbosc, and Carlyn Muir. 2023. "No More Speed Traps and Ticket Quotas: Can A New Frame Reduce Opposition to Automated Speed Enforcement?" 102nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 10.
- Delbosc, Alexa**, Carlyn Muir, Kelcie Ralph, Jesus M. Barajas, Angela Johnson-Rodriguez. 2023. "Do Perceptions of Speeding Act as a Barrier to Automated Speed Enforcement in the United States?" 102nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 9.
- Ralph, Kelcie, Jesus M. Barajas, **Angela Johnson-Rodriguez**, Alexa Delbosc, and Carlyn Muir. 2023. "Can a Racial Justice Frame Help Overcome Opposition to Automated Traffic Enforcement?" 102nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 9. (Outstanding Paper Award.)
- Barajas, Jesus M.**, and Weijing Wang. 2022. "Mobility Justice in Rural California: Examining Transportation Barriers and Adaptations in Carless Households." 62nd Association of Collegiate Schools of Planning Annual Conference, Toronto, Ont., November 4.
- Merck, Amanda**, Lindsay M. Braun, and Jesus M. Barajas. 2022. "Declining Transit Ridership in Mid-Sized Cities: Are People Better Off?" 62nd Association of Collegiate Schools of Planning Annual Conference, Toronto, Ont., November 4.

- Johnson-Rodriguez, Angela**, Kelcie Ralph, Jesus M. Barajas, Alexa Delbosc, and Carlyn Muir. 2022. “No more speed traps and ticket quotas: Can A New Frame Reduce Opposition to Automated Speed Enforcement?” 62nd Association of Collegiate Schools of Planning Annual Conference, Toronto, Ont., November 4.
- Barajas, Jesus M. 2022. “Transit Trends in Mid-Sized Cities: An Analysis of Ridership Barriers and Opportunities in Illinois.” UC Davis Transit Research Symposium, Davis, Calif., May 25.
- Braun, Lindsay M., **Jesus M. Barajas**, Bumsoo Lee, and Rebecca Martin. 2022. “Walking the Last Mile: Barriers and Solutions to Suburban Transit Access.” 101st Annual Meeting of the Transportation Research Board, Washington, D.C., January 10.
- Barajas, Jesus M.**, and Kate Lowe. 2021. “Pedestrian Funding Equity in Chicago.” (Panel Organizer: “Mobility Justice in Chicago.”) TRB Conference on Advancing Transportation Equity (virtual), September 9.
- Barajas, Jesus M.**, and Lindsay M. Braun. 2021. “Are Walking and Cycling Good for All? Tracking Differences in Associations among Active Travel, Socioeconomics, Gentrification, and Self-reported Health.” 100th Annual Meeting of the Transportation Research Board (virtual), January 28.
- Krapp, Agustina, Jesus M. Barajas, and **Audrey Wennink**. 2021. “Equity-Oriented Criteria for Project Prioritization in Regional Transportation Planning.” 100th Annual Meeting of the Transportation Research Board (virtual), January 26.
- Coren, Chelsie, Kate Lowe, and **Jesus M. Barajas**. 2021. “Commuting in Context: A Qualitative Study of Transportation Challenges for Disadvantaged Job Seekers in Chicago, IL.” 100th Annual Meeting of the Transportation Research Board (virtual), January 26.
- Barajas, Jesus M.**, and Lindsay M. Braun. 2020. “Equitable Crowdsourcing: How Do Planners Use and Address Potential Bias in Emerging Data Sources?” 60th Association of Collegiate Schools of Planning Annual Conference (virtual), November 8.
- Bierbaum, Ariel H., **Alex Karner**, and Jesus M. Barajas. 2020. “Transportation Equity, Education Equity, and School Choice: Making the Connections.” 99th Annual Meeting of the Transportation Research Board, Washington, D.C., January 15.
- Barajas, Jesus M.**, Robert Cervero, and Karen Trapenberg Frick. 2019. “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, S.C., October 26.
- Barajas, Jesus M.**, and Kate Lowe. 2019. “Traffic Citations in Chicago: Implications for Pedestrian and Bicycle Equity.” 49th Urban Affairs Association Conference, Los Angeles, Calif., April 25.

- Barajas, Jesus M. 2019. "Policing and Planning: Bicycle and Pedestrian Citations in Chicago." American Planning Association National Planning Conference, San Francisco, Calif., April 14.
- Barajas, Jesus M.**, and Lindsay M. Braun. 2019. "Which Cyclists Feel Better? The Role of Gentrification and Neighborhood on Self-Reported Health." 2019 Active Living Conference, Charleston, S.C., February 20.
- Barajas, Jesus M. 2019. "The Effects of Driver Licensing Laws on Immigrant Travel." 98th Annual Meeting of the Transportation Research Board, Washington, D.C., January 15.
- Barajas, Jesus M.**, Robert Cervero, and Karen Trapenberg Frick. 2018. "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, N.Y., October 27.
- Barajas, Jesus M. 2018. "How Equitable Is Bikesharing? Exploring Population Characteristics and Access to Employment." 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10.
- Barajas, Jesus M.**, Kate Beck, and Jill F. Cooper. 2018. "How Effective Are Community Pedestrian Safety Training Workshops? Preliminary Findings from a Program in California." 97th Annual Meeting of the Transportation Research Board, Washington, D.C., January 9.
- Barajas, Jesus M., Kate Beck, and **Aditya Medury**. 2017. "Assessing Race and Income Disparities in Crowdsourced Bicycle Safety Data Collection." 6th International Cycling Safety Conference, Davis, Calif., September 21.
- Beck, Kate**, Aditya Medury, and Jesus M. Barajas. 2017. "Understanding Race and Income Disparities in Crowdsourced Pedestrian Safety Data." Walk21, Calgary, Alberta, Canada, September 20.
- *Barajas, Jesus M. 2017. "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.
- *Barajas, Jesus M. 2017. "[Bicycling Is Freedom: A Qualitative Analysis of Latino Immigrant Cycling Experiences.](#)" 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 11.
- ***Barajas, Jesus M.**, Asha W. Agrawal, and Daniel G. Chatman. 2017. "[Immigration, Income, and Public Transit Perceptions: Findings from an Intercept Survey.](#)" 96th Annual Meeting of the Transportation Research Board, Washington, D.C., January 10.
- Barajas, Jesus M. 2016. "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, Ore., November 3.

- Bierbaum, Ariel H.**, and Jesus M. Barajas. 2016. "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, Ore., November 3.
- Barajas, Jesus M. 2016. "Relative Influences of Immigrant Perceptions and Attitudes on Travel Choice." 14th World Conference on Transport Research, Shanghai, China, July 12.
- Barajas, Jesus M. 2016. "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, University of California, Riverside, Calif., February 12.
- *Barajas, Jesus M. 2016. "[Disparities in Bicycle Crash Influences among Population Groups: Initial Findings.](#)" 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 12.
- Barajas, Jesus M.**, Daniel G. Chatman, and Asha Weinstein Agrawal. 2015. "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, Tex., October 24.
- Barajas, Jesus M. 2015. "Travel Behavior of Low-Income Immigrant Latinos: Perceptions of Transportation Access in the Bay Area." 94th Annual Meeting of the Transportation Research Board, Washington, D.C., January 13.
- Barajas, Jesus M.**, Daniel G. Chatman, and Asha Weinstein Agrawal. 2014. "Bicycling and Access to Transit by Low-Income Immigrants." 54th Association of Collegiate Schools of Planning Annual Conference, Philadelphia, Penn., November 1.
- Barajas, Jesus M. 2014. "All Crashes are not Created Equal: Disparities in Bicycle Collisions." University of California Transportation Center Conference, Cal Poly Pomona, Pomona, Calif., April 18.
- Barajas, Jesus M. 2013. "Immigrant Bicycling in the United States: Update from the 2009 National Household Travel Survey." University of California Transportation Center Conference, UCLA, Los Angeles, Calif., March 1.
- *Barajas, Jesus M. 2012. "[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, D.C., January 24.
- *Barajas, Jesus M. 2010. "[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, D.C., January 11.
- Barajas, Jesus M. 2009. "Regional Bicycle Planning in Los Angeles County." Jack R. Widmeyer Transportation Research Conference, Cal State San Bernardino, San Bernardino, Calif., November 6.

Other Presentations

- “Transportation Equity Metrics in Practice: MPO Project Prioritization Methods.” 2023. Equity in Roadway Safety Webinar Series, Federal Highway Administration, November 15.
- “Updating the IDOT Community Impact Assessment Manual: Agency and Research Perspectives.” 2022. Considering Quality of Life in Transportation Planning and Development Webinar, Transportation Research Board, August 25.

TEACHING EXPERIENCE

University of California, Davis

- Community Analysis for Environmental Justice (Undergraduate; Spring 2022, 2023)
- Environmental Justice Policy and Practice (Undergraduate; Spring 2021, 2022, 2023, 2024)
- Transportation Equity and Justice (Graduate; Winter 2022, 2024)
- Transportation Planning and Policy (Graduate; Spring 2023)

University of Illinois at Urbana–Champaign

- Cities: Planning & Urban Life (Undergraduate; Fall 2017, 2018, 2019)
- Transportation Equity (Graduate; Spring 2018, 2019, 2020)
- Transportation Planning Workshop (Graduate; Fall 2019)
- Travel Behavior Analysis (Graduate; Spring 2020)

University of California, Berkeley

- Introduction to Planning Methods, Part 2 (Graduate; Lecturer Spring 2017, Teaching assistant Spring 2015)
- Transportation and Land Use Planning (Graduate; Co-lecturer Fall 2016)
- Introduction to Planning Methods, Part 1 (Graduate; Teaching assistant Fall 2014)
- Introduction to Urban and Regional Transportation Planning (Undergraduate; Co-lecturer Summer 2014, Teaching assistant Spring 2014)

Other Teaching

- Integrating Bicycle and Pedestrian Topics into University Transportation Courses (Workshop Lecture), Portland State University, June 21–22, 2022

AWARDS, HONORS, AND FELLOWSHIPS

Academic Award – Award of Excellence for *The Implications of Freeway Siting in California*, American Planning Association, California Chapter, Sacramento Valley Section, 2024.

Graduate Program Advising and Mentoring Award, UC Davis, 2023.

Outstanding Paper Award, Traffic Law Enforcement Committee of the Transportation Research Board, 2023.

Community Engaged Learning Faculty Fellowship, UC Davis, 2021.

List of teachers ranked excellent, University of Illinois at Urbana–Champaign; Fall 2019, Spring 2019, Fall 2017.

Participant, Mobility Justice Workshop, UC Davis, 2019.

Participant, ACSP Junior Faculty of Color Workshop, Harvard University, 2019.

Research Fellowship, Center for Technology, Society, and Policy, UC Berkeley, “Assessing Race and Income Disparities in Crowdsourced Safety Data Collection,” \$6,000, 2017.

Charley V. Wootan Memorial Award (best dissertation in Transportation Policy and Planning), Council of University Transportation Centers, 2017.

Doctoral Completion Fellowship (\$35,500), UC Berkeley, 2015.

Rodney E. Slater award winner, Eno Future Leaders Development Conference, Washington, D.C., 2015.

Outstanding Graduate Student Instructor award, UC Berkeley, 2015.

Participant, ACSP PhD Workshop, Harvard University, 2014.

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

Regents’ Intern Fellowship (\$142,000), UC Berkeley, 2011.

Graduating Student Merit Award, California Planning Foundation, 2011.

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

SERVICE

To the Profession

Member, Standing Committee on Equity in Transportation, Transportation Research Board, 2024–pres.

Panel member, Transportation Research Board Consensus Study, *Data, Metrics, and Analytic Methods for Assessing Equity Impacts of Surface Transportation Investments: Phase 2 Study to Support State and Local Decision Making*, 2024–pres.

Editorial board member, *Transportation Research Record: Journal of the Transportation Research Board*, 2023–pres.

Paper review co-coordinator, Standing Committee on Equity in Transportation, Transportation Research Board, 2022–pres.

Sacramento Area Council of Governments Project Evaluation Process Advisory Committee Member, 2022.

Transit Cooperative Research Program Project Panel Member on Racial Equity, Black America and Public Transportation, Transportation Research Board, 2021–pres.

ACSP Annual Conference Track Co-Chair (Transportation & Infrastructure), 2021–2023.

ACSP Planners of Color Interest Group member: CV Book committee, 2019–2022; Elections committee, 2020–2022.

Member, Social and Economic Factors of Transportation Committee, Transportation Research Board, 2018–2020.

Reviewer, CUTC annual student awards, 2017–2022.

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

Editorial Board Member, *Berkeley Planning Journal*, 2011–2015.

Journal Reviewer, *Growth and Change*, *Journal of Planning Education and Research*; *Journal of Planning Literature*; *Journal of Transport & Health*; *Journal of Transport and Land Use*; *Journal of Transport Geography*; *Journal of Urban Planning and Development*; *Local Environment*; *Sustainability*; *Transportation Research Interdisciplinary Perspectives*; *Transportation Research Part A: Policy and Practice*; *Transportation Research Part D: Transport and Environment*; *Transportation Research Part F: Traffic Psychology and Behaviour*; *Transportation Research Record: Journal of the Transportation Research Board*; *Travel Behavior and Society*; *Urban Affairs Review*

To the University

University of California, Davis

Member, Center for Regional Change Visioning Committee, College of Agricultural and Environmental Sciences, 2024–pres.

Chair, Transportation Technology & Policy Graduate Group, 2024–pres.

Graduate Advisor, Transportation Technology & Policy Graduate Group, 2022–pres.

Graduate Advisor, Environmental Policy & Management Graduate Program, 2021–pres.

Member, Geography Graduate Group Admissions Committee, 2022.

Member, Environmental Justice Minor Committee, 2020–pres.

Other universities

Chair, Lectures and Events Committee, Department of Urban and Regional Planning,
University of Illinois, 2019–2020

Member, Master of Urban Planning Committee, University of Illinois, 2019–2020

Data Science Curriculum Task Force, Department of Urban and Regional Planning,
University of Illinois, 2018–2019

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

PROFESSIONAL EXPERIENCE

Associate Program Manager, Transportation Data Services, NAVTEQ, 2008–2011

Data Quality Analyst, NAVTEQ/Traffic.com, 2007–2008

Information Technology Officer, United States Air Force, 2003–2007