

CURRICULUM VITAE

Carlo Chunga Pizarro

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EDUCATION

- 2026 (exp.) **Ph.D.** in Urban and Environmental Planning and Policy
University of California at Irvine, Irvine, California
Advisor: Dr. Michael Méndez
- 2021 **Masters** in Urban Planning
Texas A&M University, College Station, Texas
Vulnerability Assessment of the East Harris County
Advisor: Dr. Michelle Meyer
- 2019 **B.S.** Urban & Regional Planning
Texas A&M University, College Station, Texas
Minor in Geographic Information Systems and Technology

PUBLISHED MANUSCRIPTS

Chunga Pizarro, C. A., Buchholz, R. R., Hornbrook, R. S., Christensen, K., & Méndez, M. (2024). Air Quality Monitoring and the Safety of Farmworkers in Wildfire Mandatory Evacuation Zones. *GeoHealth*, 8(7), e2024GH001033. <https://doi.org/10.1029/2024GH001033>

Shah, S.H., O'Lenick, C.R., Wan, J.S., Ramos-Valle, A., Ash, K.D., Wilhelmi, O.V., Edgeley, C.M., Molina, M.J., Moulite, J., **Chunga Pizarro, C.A.** and Emard, K., (2023). *Connecting physical and social science datasets: challenges and pathways forward*. Environmental Research Communications.

MANUSCRIPTS IN REVIEW

Valencia, C., **Chunga Pizarro., C.A.**, Mendez, M. (2024). "Growing Resilience among Undocumented communities during Climate-Induced Disasters: An Analysis of Migrant-Serving Organizations". Russel Sage Foundation

Sandoval M., & **Chunga Pizarro, C.A.** (2024). "Introducing UndocuCrit Theory to Critical Disaster Studies". Disaster Prevention and Management.

MANUSCRIPTS IN PROGRESS

PUBLIC REPORTS AND OTHER PUBLICATIONS

- 2024 **Chunga Pizarro, C.A.** (2024). Deportation and Disaster Preparedness: Lessons from Undocumented Immigrants. Research Counts, Natural Hazards Center, University of Colorado Boulder. <https://hazards.colorado.edu/news/research-counts/deportation-and-disaster-preparedness-lessons-from-undocumented-immigrants>
- 2024 **Chunga Pizarro, C.A.**, Méndez, M., Buchholz, R., Hornbrook R. Local Air Quality Monitoring During Wildfire Events: Reducing Hazardous Exposures for Farmworkers.

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University of California at Irvine. 2024

- 2022 Méndez M., and **Pizarro Chunga, C.** (2022) Policy Brief: Addressing Disparities in Sonoma County's Agriculture Pass Program. The University of California, Irvine. Online:
https://socialecology.uci.edu/sites/default/files/users/mkcruz/sonoma_policybrief_final_5.18.22_ccformat-4.pdf
- 2021 Brossett, Madison; Guanere, Harley; Manoj, N.,... **Chunga Pizarro, C.** (2021). Envision Caldwell: Public and Stakeholder Engagement Summary. Available electronically from <https://hdl.handle.net/1969.1/193363>.
- 2021 Cooper, John; Jaimie, Masterson; Thapa, Jeewasmi; Peacock, Walter...; **Chunga Pizarro, Carlo** (2021). Nolanville Comprehensive Plan 2021-2041. Available electronically from <https://hdl.handle.net/1969.1/192651>.
- 2020 Roberts, A., Masterson, J., Losey, C., ... **Chunga Pizarro, C.** (2020). Housing Needs Assessment Jacksonville, Texas. College Station, TX: Texas A&M University.
<https://hdl.handle.net/1969.1/191379>
- 2020 Cooper, J., Masterson, J., Thapa, J., ... **Chunga Pizarro, C.** (2020). City of Hitchcock Comprehensive Plan 2020-2040. College Station, TX: Texas A&M University.
<https://hdl.handle.net/1969.1/189336>
- 2018 Cooper, J., Masterson, J., Thapa, J., ... **Chunga Pizarro, C.** (2018). La Grange Comprehensive Plan 2018-2038. College Station, TX: Texas A&M University.
<https://hdl.handle.net/1969.1/189335>

PUBLIC CONFERENCES PRESENTATIONS

- March 2025 *"Creating Resilient Futures: Climate Adaption for Vulnerable Communities"*. American Planning Association 25th National Planning Conference. Denver, CO.
- April 2024 *"Navigating Constant Preparedness: Understanding Undocumented Immigrants' Dual Disasters and Their Role in Inclusive Disaster Planning"*
South Central Climate Resilience Forum, Dallas, TX
- July 2022 *"The Second Wave: A constant state of preparedness."*
Plenary: Public Communication of Science Lightning Talks. 2022 Natural Hazards Workshop. Virtual
- May 2022 *Grapes and Lungs on Fire: The Disparate Impacts of Wildfires on Undocumented Latino/a and Indigenous Migrant Workers in Sonoma County.*
International Association of Wildland Fire: Fire & Climate Impacts, Issues and Futures, Virtual
- April 2019 *UndocuJoy: Community Growth at a Predominantly White Institution.*
Texas A&M Student Conference on Latinx Affairs, College Station, TX.
- March 2019 *Bridging Difference: College of Architecture Diversity Council, Student Organization Programming, and Diversity and Inclusion in Visual Design.*
Race, Identity & Social Equity Conference. College Station, TX
- May 2017 *"Community Engagement Through Design: Collaboration with the Brazos Valley African American Museum."*

CURRICULUM VITAE

2017 National Conference on Race & Ethnicity, Fort Worth, TX.

INVITED PRESENTATIONS

- Aug 2024 Invited Webinar: “Tainted air: Air quality monitoring and the safety of farmworkers in wildfire mandatory evacuation zones” with Dr. Michael Mendez. UC Irvine School of Social Ecology.
- Nov 2023 Invited Presentation: “Research to Policy to Action Workshop” with Dr. Michael Mendez. Bill Anderson Fund Fall Workshop.
- July 2023 Invited Presentation: “Developing Storytelling and policy briefs for engagement with news media and policymakers” with Dr. Michael Mendez, Angela Lesaca, and Darnell Grisby. NCAR Early Career Faculty Innovator Program
- March 2023 Invited Presentation: “Working Session on Writing: BAF Workshop”. Bill Anderson Fund Spring Workshop.
- August 2022 Invited Presentation: “Policy Briefs and Air Quality.” National Center for Atmospheric Research (NCAR) Early Career Faculty Innovators Convergence Chat: Air Quality
- July 2022 Invited Presentation: “Grapes and Lungs on Fire: The disparate impacts of wildfires on undocumented Latino/a and Indigenous Migrant workers in Sonoma County.” National Center for Atmospheric Research (NCAR) Early Career Faculty Innovators Day of Research
- April 2022 Invited Presentation: “The Hidden Curriculum: a Path to Graduate & Professional School and Research.” 2022 Rising Together, Thriving Together: Our Creative Futures. UC Irvine Dream Center
- Sept. 2021 Moderator: “Planning with Immigrant Communities”. LUGARES 2021 Conference Hosted by the Latinos and Planning Division of the American Planning Association
- May 2020 Invited Presentation: “Beyond the Facts: Saving Lives in East Harris County and Why the Data Matters”. East Harris County Empowerment Council May Community Roundtable.

INVITED LECTURER

- February 2024 Presentation Title: Race, Disaster, and Inequality: The Ethnoracial Dimensions of Disaster
Course: EthnoRacial Dynamics
Professor: Dr. Olivia Fleming
Transylvania University
- March 2024 Presentation Title: Trajectories of Scholar Activism
Course: Social Change & Social Movements (SOC 2644)
Professor: Dr. Olivia Fleming
Transylvania University

POSTER PRESENTATIONS

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- 2023 *“Community Asset Mapping in Orange County, California”*. Climate Action and Global Food Initiative Fellowship. Virtual. June 26.
- 2022 *“Grapes and Lungs on Fire: The Disparate Impacts of Wildfires on Undocumented Latino/a and Indigenous Migrant Workers in Sonoma County.”* Conference of Ford Fellows. Virtual. October 6
- 2017 *“Prevalence of Social Vulnerability Assessments in Coastal County Hazard Mitigation Plans”*. Natural Hazards Workshop, Boulder, CO. July 9.
- 2018 *“Civic Diversity Hackathon as an Engagement Tool for Creating Inclusive Campus Environment”*. 21st Texas A&M Student Research Week, Collee Station, TX. March 20.

RESEARCH VISITS

- 2023 Fellow at the Berkeley Interdisciplinary Migration Initiative Summer Institute in Migration Research Methods, Berkeley, CA
- 2022 Visiting Research Scholar, National Center for Atmospheric Research MESA Laboratory, Boulder, Colorado (Duration: July 18 – August 5, 2022; Supervisor/Collaborator: Professor Michael Mendez)

AWARDS, GRANTS AND FELLOWSHIPS

- 2023 *Decarbonization Fellow*. Awarded by University of California Office of the President. \$8,000
- 2022 *Ford Foundation Pre-Doctoral Fellowship*. Awarded by the National Academy of Sciences. \$81,000
- 2022 *Bonnie Reiss Climate Action Fellowship*. Award by University of California Office of the President Carbon Neutrality Initiative. \$5,000
- 2020 *American Planning Association Central Texas Scholarship*. Awarded by APA Central Texas Chapter. \$1,000
- 2020 Pre-Doctoral Workshop for Underrepresented Students of Color Fellow. Awarded by the Association of Collegiate Schools of Planning
- 2020 *Association of Former Student Aggie Leader Scholarship*. Awarded by TAMU Association of Former Students. \$3,000
- 2020 *Association of Former Students Scholarship*. Awarded by TAMU Association of Former Students. \$3,000
- 2020 *David Pugh Urban Planning Scholarship*. Awarded by Texas A&M Landscape Architecture & Urban Planning Department. \$1,000.
- 2020 *Diversity Team of the Year Award*. Awarded by Department of Multicultural Service, Texas A&M
- 2019 *Lechner Graduate Fellowship*. Awarded by the Texas A&M Landscape Architecture & Urban Planning Department. \$10,000

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- 2018 *Ellison Miles Scholarship*. Awarded by the Texas A&M University. \$2,000
- 2018 *Campus Climate Grant*. Awarded by Department of Multicultural Services, Texas &M University. \$500
- 2018 *Student Senator of the Year of the 70th Session of the Student Senate*. Awarded by the TAMU Student Government Association
- 2018 *Buck Weirus Spirit Award*. Awarded by the Association of Former Students, Texas A&M University
- 2018 *Tejas Foco Premio De Estudiante Award*. Awarded by the National Association of Chicano and Chicana Studies.
- 2018 *Planning Spirit Award*. Awarded by the Texas A&M Landscape Architecture & Urban Planning Department
- 2017 *Bachelor of Science in Urban & Regional Planning Departmental Scholarship*. Awarded by Texas A&M Landscape Architecture & Urban Planning Department. \$2,000

RESEARCH EXPERIENCE

- 2021 - Current **University of California at Irvine, Irvine, CA**
Graduate Research Assistant
- “Policy Mapping Wildfire Impacts to Undocumented Latina/o and Indigenous Migrants,” Funded by the National Science Foundation Early Career Faculty
 - “Stories of climate change impacts through lens of advocates on the frontlines,” Funded by the UCLA Latino Applied Policy Research Award
- 2020 “Understanding Social and Geographical Disparities in Disaster Resilience through social media resilience,” Hazards and Reduction Recover center, Texas A&M University
Graduate Research Assistant
- 2020 “Housing Needs Assessment Jacksonville, TX,” College of Architecture
Researcher and Engagement Organizer
- 2018 – 2020 “Active El Paso: Fighting Obesity by Reinventing Public Transportation Sponsor: National Institute on Health,” Center for Health Systems and Design, Texas A&M University
Research Assistant
- 2017 – 2019 “Multidisciplinary team-based hackathons for diversity, equity and inclusion: strategies, perceptions, lessons learned and future steps,” College of Architecture
Organizer, Researcher
- 2018 “Envisioning a Thriving Texas/Mexico Border,” College of Architecture, Texas A&M University
GIS Analyst
- 2018 “Relocation of Street Vendors and its impact on the City of Guatemala: The Case of El Amate,” College of Architecture, Texas A&M University

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Researcher, Translator

- 2017 “Prevalence of Social Vulnerability Assessments in Coastal County Hazard Mitigation Plans,” Texas A&M University
Research Experience for Undergraduates (REU) Program, Student Researcher

OTHER PROFESSIONAL EXPERIENCE

- 2021 – Now **Rayo Planning**
Voting Board Member
- 2021 – 2022 **UC Irvine Dream Center**
Scholars in Residence Mentor
- 2018 & **Texas Target Communities**
2020 – 2021 Project Manager and Research Assistant
College Station, Texas
- 2018 **Texas A&M Office of Sustainability**
Outreach Intern
College Station, Texas

PROFESSIONAL CERTIFICATES

- 2024 *Certificate in Improv for Teaching.* Graduate Division at the University of California, Irvine. Winter 2024 at the University of California, Irvine.
- 2021 *Certificate in Sustainable Urbanism.* Center for Housing and Urban development in the School of Architecture. 15 hours of total semester credit hours. Texas A&M University
- 2021 *Certificate in Environmental Hazards Management.* Hazards Reduction and Recovery Center development in the School of Architecture. 15 hours of total semester credit hours. Texas A&M University

PROFESSIONAL SERVICE

- 2024 Undocumented Student Engagement Chair for the UC Irvine Associated Graduate Students
- 2023 Lightning Talks Coordinator for the BAF Fellows Student Council Executive Committee
- 2023 Survey Director for the 2022 UndocuFund Summit
- 2022 Treasurer for the BAF Fellows Student Council Executive Committee
- 2019 - 2021 Southwest Student Representative (2019) and Treasurer (2020-2021) to the Latinos and Planning (LAP) Division of the American Planning Association
- 2019 – 2021 Co-Founder (2019) and Graduate Advisor (2020-2021) to the Texas A&M Latinx Graduation Ceremony
- 2019 – 2021 Diversity Peer Advisor Leader at College of Architecture Diversity Council
- 2016 – 2019 Intern (2016 – 2017), Vice President (2017-2018), and Chair (2018 – 2019) to the Council for Minority Student Affairs
- 2018 – 2019 Citizenship Classes Teacher at Brazos Interfaith Immigration Network
- 2018 – 2019 Diversity Hackathon Coordinator at College of Architecture Diversity Council
- 2017 - 2018 Student Government Representative at Texas A&M Sustainability & Environmental Management Committee

LEADERSHIP AND MEMEBERSHIP IN PROFESSIONAL ORGANIZATION

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2022 – 2023 Fellow, Bonnie Reiss Climate Action Student Fellow at UCI Health
2021- Present Fellow, William (Bill) Averette Anderson Fund Fellowship
2020- Present Member, Association of Collegiate Schools of Planning
2019 – Present Member, Latinos and Planning Division
2019 – Present Member, American Planning Association

MEDIA COVERAGE

2024 “Wildfires are growing under climate change, and their smoke threatens farmworkers, study says”. Associated Press
2024 “Tainted Air: Air quality monitoring and the safety of farmworkers in wildfire mandatory evacuation zones”. UCI School of Social Ecology
2022 “Hundreds of Sonoma farmworkers may have been exposed to toxic smoke during 2020 wildfires”. San Francisco Chronicle.
2022 “Ph.D. student studies disaster planning”. UCI School of Social Ecology.
2022 “Addressing Disparities in Sonoma County’s Agricultural Pass Program”. UCI School of Social Ecology.
2021 “Poverty, proximity to chemical plants increases flooding risk in unincorporated Harris County”. The Houston Chronicle.
2021 “A&M name Hispanic-Serving Institution.” The Battalion.