

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.**, Méndez, M., Buchholz, R., Hornbrook R. Local Air Quality Monitoring During Wildfire Events: Reducing Hazardous Exposures for Farmworkers. 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:

CURRICULUM VITAE

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

- 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.”*
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.

CURRICULUM VITAE

- 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

- March 2024 Presentation Title: Trajectories of Scholar Activism
Course: Social Change & Social Movements (SOC 2644)
Professor: Dr. Olivia Fleming
Transylvania University

POSTER PRESENTATIONS

- 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.

CURRICULUM VITAE

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
- 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

CURRICULUM VITAE

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
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**

CURRICULUM VITAE

- 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

- 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

CURRICULUM VITAE

- 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.