

Camila Huerta Alvarez
University of California, Merced
Department of Sociology
Email: calvarez55@ucmerced.edu
Website: <https://sites.ucmerced.edu/calvarez55>

ACADEMIC EMPLOYMENT

Assistant Professor of Sociology, University of California, Merced (2019-Present)
Faculty Affiliate of Public Health, University of California, Merced (2021-Present)

EDUCATION

PhD, Sociology, University of Oregon, 2019
MS, Sociology, University of Oregon, 2014
BA, *Magna sum laude*, Sociology, University of Nevada, Las Vegas, 2012
BA, Mathematics, University of Nevada, Las Vegas, 2012

RESEARCH INTERESTS

environmental justice; environmental sociology; quantitative methods; military; race and ethnicity

PEER-REVIEWED PUBLICATIONS (* denotes current or former graduate student)

Daniel Shtob, **Camila H. Alvarez**, and Theis, Nicholas*. "A Regional Approach to Militarized Risks: An Environmental Justice Analysis of Military Proximity and Air Pollution in the United States' EPA Regions." *Sociology Compass* e13079 <https://doi.org/10.1111/soc4.13079>

Alvarez, Camila H., Anna Calasanti*, Clare Rosenfeld Evans, and Kerry Ard. "Intersectional Inequalities in Industrial Air Toxics Exposure in the United States." *Health & Place* 77:102886. <https://doi.org/10.1016/j.healthplace.2022.102886>

Alvarez, Camila H., Daniel Shtob, and Nicholas G. Theis*. 2022. "Analyzing the Military's Role in Producing Air Toxics Disparities in the United States: A Critical Environmental Justice Approach." *Social Problems*. <https://doi.org/10.1093/socpro/spac016>

**Featured in *This Week in Sociological Perspective* Podcast: <https://twispaudio.libsyn.com/twisp-2022-m04-thu28-audio>

Alvarez, Camila H.. 2022. "Structural Racism as an Environmental Justice Issue: A Multilevel Analysis of the State Racism Index and Environmental Health Risk from Air Toxics." *Journal of Racial and Ethnic Health Disparities*. <https://doi.org/10.1007/s40615-021-01215-0>

Alvarez, Camila H., Nicholas G. Theis*, and Daniel Shtob. 2021. "Military as an Institution and Militarization as a Process: Theorizing the U.S. Military and Environmental Justice." *Environmental Justice: Special Issue on Black Lives Matter* 14(6):426-434. <https://doi.org/10.1089/env.2021.0016>

Alvarez, Camila H. and Clare Rosenfeld Evans. 2021. "Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach." *Social Science & Medicine* 269(2021): 113559. <https://doi.org/10.1016/j.socscimed.2020.113559>

**Featured in *Cal-IHEA Environmental Health Equity: Moving from Evidence to Action Policy Briefing*: https://healthequity.berkeley.edu/sites/default/files/6_2_proceedings_1.pdf

Alvarez, Camila H.. 2021. "Military, Race, and Urbanization: Lessons of Environmental Injustice from Las Vegas, Nevada." *Sociological Perspectives* 64(3):325-342. <https://doi.org/10.1177/0731121420946776>

- Alvarez, Camila H.**, Lola Loustaunau, Larissa Petrucci, and Ellen Scott. 2020. "Impossible Choices: How Workers Manage Unpredictable Scheduling Practices." *Labor Studies Journal* 45(2):186-213.
<https://doi.org/10.1177/0160449X19835041> (equal co-authors)
- Clement, Matthew T. and **Camila Alvarez**. 2020. "The Inequality of Mundane Environmental Change: Assessing the Impacts of Socioeconomic Status and Race on Neighborhood Land Development, 2001–2011." *Sociological Perspectives* 63(2):292-311. <https://doi.org/10.1177/0731121419857984>
- Alvarez, Camila Huerta**, Julius Alexander McGee, and Richard York. 2019. "Is Labor Green?: A Cross-National Analysis of Union Membership and CO2 Emissions." *Nature & Culture* 14(1):17-38.
- Alvarez, Camila H.** and Kathryn G. Norton-Smith. 2018. "Environmental Inequality in Latino Destinations: Estimated Cancer Risk from Air Toxics in Latino Traditional and New Destinations." *Socius* 4:
<https://journals.sagepub.com/doi/full/10.1177/2378023118796931>
**Honorable Mention for the 2018 Marvin E. Olsen Student Paper Award (ASA's section for Environmental Sociology)
- Alvarez, Camila Huerta**. 2016. "Militarization and Water: A Cross-National Analysis of Militarism and Freshwater Withdrawals." *Environmental Sociology* 2(3):298-305.
- McGee, Julius and **Camila Alvarez**. 2016. "The Metabolic Rift of Certified Organic Farming." *Sustainability*. 8(2):115.

MANUSCRIPTS IN PROGRESS

- Southerland, Veronica, Ami Zota, Susan Anenberg, Vidisha Parasram, Matthew T. Clement, and **Camila H. Alvarez**. "Temporal trends in sociodemographic composition and land development within U.S. fenceline communities surrounding hazardous industrial facilities: 2001-2006." *Under review*.
- Theis, Nicholas*, **Camila H. Alvarez**, and Daniel Shtob. "The Military, Intersectionality, and Environmental Health: An Analysis of Intersectional Environmental Health Consequences of US Military." *In preparation*.
- Erickson, Natasha*, **Camila H. Alvarez**, Clare Rosenfeld Evans, and Raoul Liévanos. "Low Birth Weight Inequalities Among California Census Tracts: An Intersectional Approach." *In preparation*

ONLINE ESSAYS

2022. "Studying Las Vegas reveals military sites contribute to environmental injustices." Marxist Sociology Blog: Theory, Research, and Politics. Nov 23, 2022. URL: <https://marxistsociology.org/2022/11/studying-las-vegas-reveals-military-sites-contribute-to-environmental-injustices/>

FELLOWSHIPS, AWARDS, AND SCHOLARSHIPS

- Institute for Citizens and Scholars Career Enhancement Fellowship for Junior Faculty, 2022
<https://citizensandscholars.org/2022-cef/>
- Graduate Research Grant, Center for Study of Women in Society, University of Oregon, 2017
- Koç University Scholarship for Urban Political Ecology Seminar, 2015
- Clifford C. Clogg Scholarship for Study at the Inter-University Consortium for Political and Social Research (ICPSR), 2014
- Pacific Sociological Association Distinguished Undergraduate Paper Award, 2012
- American Sociological Association Honors Program Participant, 2011
- National Education of Women (NEW) Leadership Nevada Participant, 2010
- National Science Foundation Nevada the Established Program to Stimulate Competitive Research (NSF EPSCoR) Undergraduate Research Scholarship, 2010
- Nevada National Aeronautics and Space Administration (NASA) Space Consortium Scholar, 2009

GRANTS

Cannon, Clare (PI), Anthony Wexler, Michael Méndez, and Camila Alvarez. “Toxic Air Pollutants in California Environmental Justice Communities,” University of California, Office of the President, Multicampus Research Programs and Initiatives (UCOP MRPI), \$1,160,917. Status: **Acceptance pending**. (Jan 2023-Dec 2026).

Alvarez, Camila H., Charlie Eaton, and Whitney Pirtle. “Missing Pictures and Stories in STEM Education: W.E.B. Du Bois and Inclusive Curriculum for Quantitative Methods and Data Science Instruction,” Faculty Senate Grant Award, UC Merced, \$15,000. Status: **Funded**. (July 2022-June 2023)

Alvarez, Camila H. and Charlie Eaton. “Developing Du Bois Course Material for SOC 10 and SOC 15,” Zero-Cost Course Material Grant, UC Merced, \$1500. Status: **Funded**. (August 2021-July 2021)

Alvarez, Camila H. “Intersectional Environmental Inequalities Across Race, Ethnicity, and Immigrant Status: A Critical Race Quantitative Approach,” Center for the Humanities, UC Merced, \$2000.00. Status: **Funded**. (January 2021 – December 2021).

INVITED PRESENTATIONS

2022. “Military Bases and Air Pollution Disparities: A Spatial Approach.” Cornell University. Virtual.

2022. “Domestic Military Sites and the Environment: How the U.S. Military Contributes to Environmental Injustices.” Amherst College, Amherst, MA.

2022. “Redevelopment and Environmental Cleanup Efforts on Closed Military Bases.” Session 1-Short Talks: Advances in Understanding Disparities in the Distribution of Environmental Benefits and Impacts. Environmental Justice and Interventions Workshop at the Environmental Markets Lab (emLab) at University of California, Santa Barbara.

2022. “Redevelopment and Environmental Cleanup Efforts on Closed Military Bases.” Panel II: Environmental Activism and Cultural Connections. Career Enhancement Fellowship for Junior Faculty: 2022 Retreat.

2022. “Military as an Institution and Militarization as a Process: Theorizing the U.S. Military and Environmental Justice.” Black Lives Matter and Environmental Justice Panel. The Eighth Environmental Justice and Health Disparities Symposium. The Center for Community Engagement, Environmental Justice, & Health (CEEJH) at the University of Maryland School of Public Health. <https://youtu.be/8ekuyPM8-ZY>

2022. “Modeling Intersectionality for Environmental Justice.” The Institute in Critical Quantitative, Computational, and Mixed Methodologies, The Institute in Critical Quantitative, Computational, and Mixed Methodologies 2022 Summit, Baltimore, MD.

2022. 2021. “Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach.” Department of Sociology Colloquium. University of Nevada, Las Vegas. Virtual.

2021. “Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach.” Department of Sociology Colloquium. Vanderbilt University. Virtual.

2021. “Is Labor Green? A Cross-National Panel Analysis of Unionization and Carbon Dioxide Emissions.” Freedom of Association, the Climate Crisis, and Modern Slavery panel, The Freedom of Association Summit, Electronics Watch. Virtual. URL: https://youtu.be/E_eTBIBpfbQ

2021. “Intersectionality and Data Analysis Workshop.” The Institute in Critical Quantitative, Computational, and Mixed Methodologies, John Hopkins University. Virtual.

2021. “Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach.” Environmental Health Equity: Moving Evidence to Action, The California Initiative for Health Equity and Action. Virtual. URL: <https://healthequity.berkeley.edu/news/environmental-health-equity-moving-evidence-action>

2021. “Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach.” Intersectionality and Environmental Justice Webinar, The Collaborative on Health and the Environment. Virtual. URL: <https://www.healthandenvironment.org/webinars/96560>

NATIONAL AND REGIONAL MEETING

2022. “A National Assessment of Environmental Cleanup Efforts on Closed Military Bases (BRAC sites).” Panel on Environmental Sociology 1: Open Topics, Annual Meeting 2022, American Sociological Association.

2021. “The Military, Intersectionality, and Environmental Health: An Analysis of Intersectional Environmental Health Consequences of US Military” with Nicholas Theis and Daniel Shtob. Panel on Intersectionality and Health, Annual Meeting 2021, American Sociological Association.

2021. “Structural Racism as Environmental Injustice” with Kathryn Norton-Smith. Toxic Equilibrium: Structural Racism and Public Health Inequities, The Racism Lab and The Institute for Social Research, the University of Michigan.

2020. “An Intersectional Approach to Examine the Patterning of Industrial Air Toxics Exposures” with Anna Calasanti, Clare Rosenfeld Evans, and Kerry Ard. Panel on Intersectionality and Health, Annual Meeting 2020, American Sociological Association.

2020. “Militarization, Race, and Air Toxins: A Critical Environmental Justice Approach to the Treadmill of Destruction” with Daniel Shtob, and Nick Theis. Annual Meeting 2020, Pacific Sociological Association. **Cancelled due to COVID-19*

2018. “Environmental Inequality in Latino Destinations: Estimated Cancer Risk from Air Toxins in Latino Traditional and Emerging Destinations” with Kathryn Norton-Smith. Roundtables on Latinx Sociology, Annual Meeting 2018, American Sociological Association.

2017. “Socio-Economic and Racial Inequalities in Estimated Cancer Risks from Air Toxins in Las Vegas, Nevada.” Roundtables on Environmental Sociology, Annual Meeting 2017. American Sociological Association.

2014. “Militarism, Modernization, and Freshwater Withdrawals.” Roundtables on Environmental Sociology, Annual Meeting 2014, American Sociological Association.

2012. “New Urbanism Theory and Community Health in Las Vegas.” Roundtables on Undergraduate Research, Annual Meeting 2012, American Sociological Association.

2011. “Understanding Individuals' Attitudes and Behaviors Towards Green Technologies and Ecological Practices.” Annual Meeting 2011, Pacific Sociological Association.

UNIVERSITY-WIDE PRESENTATIONS

University of California, Merced

2022. “Sociology: Camila H. Alvarez.” Faculty Research Flash Talks, Energize Merced, UC Merced.

2021. “Health & Society Panel.” Faculty Panel, Public Health Society, UC Merced.

2021. “Militarism and Environmental Justice.” Guest lecture for ENG 130: Writing to Save the Planet, UC Merced.

2020. “Military, Race, and Air Toxics: Exploring the Military’s Role in Producing Environmental Inequality in the United States.” Environmental System Seminar, UC Merced.

2019. “Intersectional Environmental Justice and Population Health Inequalities: A Novel Approach.” Public Health Seminar, UC Merced.

TEACHING

UNIVERSITY OF CALIFORNIA, MERCED

Graduate Statistics II (Spring 2022)
Graduate Environmental Sociology (Fall 2020)
Social Research Methods (Fall 2019, Fall 2020)
Environmental Sociology (Fall 2019, Spring 2021, Fall 2021)
Urban Inequalities (Fall 2021)

UNIVERSITY OF OREGON

Social Research Methods (Online Summer 2018)
Social Theory (Fall 2017)

MENTORING

DOCTORAL COMMITTEE

July 2021 - Present, René Becerra, Sociology.
May 2020 - Present, Valerie Martinez, Public Health.
May 2020 – May 2022, Cintia Quesada, Sociology.

COMPREHENSIVE EXAM COMMITTEE

August 2021 - Present, Karla Seijas, Interdisciplinary Humanities (2nd reader)
January 2022 – May 2022, Luis Rubén González Márquez, Environmental Sociology (2nd reader)

MASTERS COMMITTEE

May 2019 – May 2020, Valerie Martinez, Public Health.
December 2020 - Present, Karla Seijas, Interdisciplinary Humanities

UNDERGRADUATE RESEARCH SUPERVISION

June 2021 – May 2022, Marina Mariscal Padilla
June 2020 - August 2020, Natasha Galicia, Advisor I am the faculty mentor for UCOP SURF undergraduate student Natasha Galicia. I am mentoring her through her original research.

PROFESSIONAL TRAINING AND EXPERIENCE

August 2022: Environmental Justice and Interventions Workshop, Environmental Markets Lab (emLab) at UCSB
Fall 2020 – Spring 2021: UC Merced Center for Teaching and Learning, Anti-Racism Pedagogy Group
Fall 2019: UC Merced, Center for Undocumented Students, UndocuAlly Workshop
Summer 2014: University of Michigan, Inter-University Consortium for Political and Social Research (ICPSR)
Summer School for Quantitative Methods

SERVICE

Profession

2022. Regular Session on Environmental Sociology. Session Organizer, Session Moderator, Session Presider. American Sociological Association. Los Angeles, CA.

2020. The Outstanding Marxist Sociology Article Award. Committee Member. American Sociological Association.

Ad Hoc Reviewer

Environmental Sociology, International Journal of Comparative Sociology, Social Problems, Social Forces, Environmental Justice.

University of California Merced

University

2020—2021	Faculty participant, UC Merced’s 2020/2021 Pathways to Diverse Faculty Mellon Fellows.
2019	Faculty participant, UC Merced’s 2019 Mellon Faculty Summer Institute.

Departmental

2022—present	Faculty Affiliate, Higher Education, Race, and Economy (HERE) Lab
2021—present	Faculty Affiliate, Department of Public Health
2021 – present	Member, Graduate Committee
2021 – present	Faculty Coordinator, Graduate Student Lab
2019—2021	Member, Colloquium Committee

PROFESSIONAL MEMBERSHIP

American Sociological Association (Section Membership: Environmental Sociology, Marxist Sociology, Latino/a Sociology, Race, Class, and Gender, Community and Urban Sociology)