

Skye Niles

PhD Candidate
University of Colorado Boulder
Department of Sociology
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EDUCATION

University of Colorado Boulder *Expected 2024*
Ph.D. in Sociology, in progress

University of Colorado Boulder *2020*
M.A. in Sociology
Graduate Certificate in Environmental Justice
Graduate Certificate in Development Studies

University of California Berkeley *2014*
B.A. in Social Welfare, with Highest Distinction

RESEARCH EXPERIENCE

Research Assistant *2021*
“Engineering Dissent: Moving Political Engagement for Social Justice from the Vanguard into the Mainstream of the Engineering Profession.” PI: Shawhin Roudbari.
National Science Foundation Grant #1664260. University of Colorado Boulder.

Research Assistant *2017 – 2020*
“Institutional Cultures of Ethical Practice in University-Based Engineering-for-Development Programs.”
PI: Shawhin Roudbari. Co-PIs: Jill Harrison, Jessica Kaminsky.
National Science Foundation Grant #1636349. University of Colorado Boulder.

Research Assistant *2019*
“CONVERGE. Coordinated Social Science, Engineering, and Interdisciplinary Extreme Events Reconnaissance Research.” PI: Lori Peek.
National Science Foundation Grant # 1841338. University of Colorado Boulder.

Research Assistant *2012 – 2013*
“Surviving the Plague.” PI: Lynne Gerber.
Undergraduate Research Apprenticeship Program. University of California Berkeley.

PEER-REVIEWED JOURNAL ARTICLES

Glade, Sara, **Skye Niles**, Shawhin Roudbari, Phaedra Pezzullo, Shideh Dashti, Abbie Liel, and Shelly Miller. 2022. Disaster resilience and environmental sustainability of incarceration infrastructures: A

review of the literature. *International Journal of Disaster Risk Reduction*.
<https://doi.org/10.1016/j.ijdrr.2022.103190>

Niles, Skye. 2022. Colorblind Racism and Market-Based Development. *Sociology of Development*, 1-22.
<https://doi.org/10.1525/sod.2020.0035>

Contreras, Santana and **Skye Niles**. 2022. “Building Resilience through Informal Networks and Community Knowledge Sharing: Post-disaster Health Service Delivery after Hurricane Maria.” *Environmental Hazards*. <https://doi.org/10.1080/17477891.2022.2049191>.

Niles, Skye, Santana Contreras, Shawhin Roudbari., Jessica Kaminsky, and Jill L. Harrison. 2020. Resisting and Assisting Engagement with Public Welfare in Engineering Education. *Journal of Engineering Education*, 109(3), 481-507. <https://doi.org/10.1002/jee.20323>

Niles, Skye, Shawhin Roudbari, and Santana Contreras. 2020. Integrating Social Justice and Political Engagement into Engineering. *International Journal of Engineering Social Justice and Peace*, 7(1), 52-64. <https://doi.org/10.24908/ijesjp.v7i1.13568>

Contreras, Santana, **Skye Niles**, Shawhin Roudbari, Jill L. Harrison, and Jessica Kaminsky. 2020. “Bridging the Praxis of Hazards and Development with Resilience: A Case Study of an Engineering Education Program.” *International Journal of Disaster Risk Reduction*, 42, 1-8.
<https://doi.org/10.1016/j.ijdrr.2019.101347>

JOURNAL ARTICLES UNDER REVIEW AND IN PREPARATION

Niles, Skye, Shawhin Roudbari, and Santana Contreras. Neoliberalism and Racial Formation in International Development. *In preparation*, 2022.

RESEARCH REPORTS

Niles, Skye and Shawhin Roudbari. 2020. Design, Politics, and Infrastructures of Immobility. *PLATFORM*. <https://www.platformspace.net/home/design-politics-and-infrastructures-of-immobility>

Bermudez-Tapia, Bertha, Tracy Fehr and **Skye Niles**. 2020. Conducting Emotionally Challenging Research. University of Colorado Boulder Natural Hazards Center Training Module.
<https://converge.colorado.edu/resources/training-modules/>

Niles, Skye and Santana Contreras. 2018. Social Vulnerability and the Role of Health Care Workers after Hurricane Maria. Natural Hazards Center Quick Response Grant Report.
<https://hazards.colorado.edu/quick-response-report/social-vulnerability-and-the-role-of-puerto-ricos-healthcare-workers-after-hurricane-maria>

Niles, Skye. 2018. “Bioshields: Old Tools for a New Climate.” Woodrow Wilson Center, *New Security Beat*. <https://www.newsecuritybeat.org/2018/03/bioshields-tools-climate/>

CONFERENCE PAPERS

Roudbari, Shawhin, Germane Barnes, and **Skye Niles**. 2021. "White Space: The Architecture of Institutional Racism." Association of Collegiate Schools in Architecture (ASCA) annual conference.

Niles, Skye and Santana Contreras. 2019. Capitalism, Colonialism, Crisis and Care. *iREC* conference.

Niles, Skye, Santana Contreras, Shawhin Roudbari, Jessica Kaminsky, and Jill L. Harrison. 2018. "Bringing in 'The Social': Resisting and Assisting Social Engagement in Engineering Education." World Engineering Education Forum – Global Engineering Deans Council (WEEF-GEDC) Conference on Peace Engineering.

RESEARCH PRESENTATIONS

Conducting Emotionally Challenging Research. 2020
Co-presenters: Bertha Bermudez-Tapia and Tracy Fehr. Natural Hazard Center. Boulder, CO.

Politicizing Engineering Pasts, Envisioning Engineering Futures. 2019
Engineering, Social Justice and Peace Conference. Windsor, NY.

Ethnography, Engineering, and the Space in Between. 2019
Engineering, Social Justice and Peace Conference. Windsor, NY.

Health Care and Disaster Governance after Hurricane Maria. 2019
Pacific Sociological Association Conference. Oakland, CA.

Interrogating Whiteness and Masculinity in Trans and Non-Binary Spaces. 2019
TRANSforming Gender Conference. University of Colorado Boulder.

Bringing in "The Social": Resisting and Assisting Social Engagement in Engineering Education 2018
World Engineering Education Forum: Global Engineering Deans Conference (WEEF-GEDC)
Conference on Peace Engineering. Albuquerque, NM.

One Year after Hurricane María: La Lucha del Pueblo Puertorriqueño. 2018
Institute of Behavioral Science, Natural Hazards Center. University of Colorado Boulder.

Social Vulnerability and Health Care Worker Response after Hurricane Maria. 2018
Natural Hazards Workshop. University of Colorado Boulder.

Engineers in Development. 2018
Internationalization Summit. Denver University.

Early U.S. Drug Policy and Racial, Gender, and Sexual Control. 2014
Legal Studies Undergraduate Research Conference. University of California Berkeley.

TEACHING EXPERIENCE

Graduate Teacher Program Instructor (GTPI) Environment and Society. University of Colorado Boulder.	<i>Summer 2022</i>
Teaching Assistant Environment and Society. University of Colorado Boulder.	<i>Spring 2022</i>
Teaching Assistant U.S. Race and Ethnic Relations. University of Colorado Boulder.	<i>Fall 2020 and 2021</i>
Guest Lecturer “Race and Education.” U.S. Race and Ethnic Relations. University of Colorado Boulder.	<i>Fall 2020 and 2021</i>
Guest Lecturer “Environment, disasters, and health.” Social Disparities in Health (graduate course). University of Colorado Boulder.	<i>Fall 2020</i>
Teaching Assistant Social Construction of Sexuality. University of Colorado Boulder.	<i>Spring 2020</i>
Teach in Prison Program University of California Berkeley and San Quentin Prison.	<i>Spring 2014</i>
Class Facilitator Female Sexuality (“Femsex”). Democratic Education at Cal. University of California Berkeley.	<i>Spring and Fall 2013</i>

AWARDS

CU Boulder Sociology Travel Grant Award (\$750) Dissertation research in Cañon City, Colorado	<i>2022</i>
Center to Advance Research and Teaching in the Social Sciences Grant (CARTSS) (\$1,495) Dissertation research in Cañon City, Colorado	<i>2022</i>
Beverly Sears Graduate Student Grant (1,000) Dissertation research in Cañon City, Colorado	<i>2022</i>
CU Boulder Sociology Department Research Funds Award (\$1,500) Dissertation research in Cañon City, Colorado	<i>2021</i>
Vaughn-Tardif Fellowship (\$32,470) Dissertation community impact research in Cañon City, Colorado	<i>2021</i>
CU Boulder Sociology Department Research Funds Award (\$300) Disparities in Rural and Urban Healthcare Recovery in Puerto Rico after Hurricane Maria.	<i>2019</i>

CU Boulder Sociology Department Research Funds Award (\$500) Disparities in Rural and Urban Healthcare Recovery in Puerto Rico after Hurricane Maria.	2019
CU Boulder Sociology Department Summer Graduate Research Funds Award (\$750) Disparities in Rural and Urban Healthcare Recovery in Puerto Rico after Hurricane Maria.	2019
Beverly Sears Graduate Student Grant (\$1,000) Disparities in Rural and Urban Healthcare Recovery in Puerto Rico after Hurricane Maria.	2019
Center to Advance Research and Teaching in the Social Sciences Grant (CARTSS) (\$1,000) Health Care Disparities and Hurricane Maria.	2018
CU Boulder Graduate Student Conference Travel Grant (\$300)	2018
CU Boulder Sociology Department Research Funds Award (\$500) Health Care after Hurricane Maria.	2018
Natural Hazards Center Quick Response Grant (\$2,000) Sociodemographic Factors of Hurricane Related Deaths and Health Care Worker's Response. Grant co-recipient: Santana Contreras.	2018
CU Boulder Sociology Department Summer Graduate Research Funds Award (\$750) Sociodemographic Factors of Hurricane Related Deaths and Health Care Worker's Response.	2018
CU Boulder Sociology Department Graduate Research Funds Award (\$500) Sociodemographic Factors of Hurricane Related Deaths and Health Care Worker's Response.	2017
UC Berkeley Center for Race and Gender Undergraduate Research Grant(\$200) Early U.S. Drug Policy as a Method of Racial, Gender, and Sexual Control.	2014
University of California Undergraduate Scholarship (approx. \$14,000 annually)	2012 – 2014
Joyce Kai Mott Course Assistant Scholarship, Coastline Community College (\$500)	2012
Smith-Vaughn Lions Memorial Scholarship, Orange Coast College (\$1,000)	2012
Finnegan Scholarship, Orange Coast College (\$500)	2012

SERVICE

Faculty Meeting Liaison Department of Sociology, University of Colorado Boulder.	2021—2022
Speaker Series Committee Department of Sociology, University of Colorado Boulder.	2020—2021
Cultural, Power, and Inequality Workshop Co-facilitator	2019 – 2020

Department of Sociology, University of Colorado Boulder.

Open House Committee
Department of Sociology, University of Colorado Boulder.

2019 - 2020

Social Committee
Department of Sociology, University of Colorado Boulder.

2018 - 2019

Natural Hazards Workshop Volunteer
University of Colorado Boulder.

2017

PROFESSIONAL MEMBERSHIPS

American Sociological Association

2017 – Present

REFERENCES

Dr. Jill Lindsey Harrison
Department of Sociology, University of Colorado Boulder
jill.harrison@colorado.edu

Dr. Shawhin Roudbari
Program in Environmental Design, University of Colorado Boulder
shawhin@colorado.edu