

KayLynn Larrison
Resilience Fellow
SBP
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Gulfport, MS 39503
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EDUCATION

Ph.D., Sociology, <i>Louisiana State University</i> Dissertation: Examining Effects of Climate Change Attributed Flooding on Post-Hurricane Recovery Outcomes.	2022 – present
M.S., Sociology, <i>University of North Texas</i>	2020 – 2022
B.S., Sociology; Minor in Psychology, <i>Texas A&M University</i>	2017 – 2020

RESEARCH INTERESTS

Disaster Resilience; Spatial Inequalities & Environmental Justice; Quantitative methods

EXPERIENCE

Resilience Fellow SBP	2025 - present
<ul style="list-style-type: none">• Identify, access, and leverage funding opportunities to support resilience projects in coastal Mississippi, including the Gulf Coast Restoration Fund, State Economic & Infrastructure Development Grant, and EPA Brownfields Grant.• Collaborate with local partners on disaster mitigation and climate adaptation initiatives, including projects on compound flooding, FEMA Flood Insurance Rate Map (FIRM) revisions, county resilience planning, hazard mitigation planning, and the development of flood risk and insurance communication tools.• Assist in planning and organizing Resilient East Biloxi (REB) community events to increase public awareness and engagement in resilience efforts.	

<p>Graduate Research Assistant Dr. Kevin Smiley <i>Louisiana State University</i></p> <ul style="list-style-type: none"> • Collaborate with an interdisciplinary team to quantify the amount of hurricane damage attributable to climate change. • Map and analyze socio-spatial inequalities in hurricane impacts using R and ArcGIS. • Assist in the design of survey instruments and in-depth interview guides to assess disaster impacts, climate awareness, and policy responses in coastal communities. 	2024 – 2025
<p>Supplemental Instruction Leader Introduction to Statistics <i>Louisiana State University</i></p>	2023
<p>Graduate Assistant Dr. Tim Slack <i>Louisiana State University</i></p>	2023
<p>Graduate Assistant 311 Calls Project Dr. Kevin Smiley <i>Louisiana State University</i></p> <ul style="list-style-type: none"> • Coded physical attributes for 311 calls, assessing how each call related to issues of flooding, drainage, and infrastructure. 	2022 – 2023
<p>Technical Writer <i>Pacston Technologies Group</i></p>	2020 – 2022
<p>Research Assistant Dr. Jane Sell & Dr. Katie Constantine <i>Texas A&M University</i></p> <ul style="list-style-type: none"> • Conducted social psychology experiments. • Assisted with participant recruitment, data collection, and literature review. 	2019 - 2020

PEER-REVIEWED PUBLICATIONS

Smiley, Kevin T., Illan Noy, Michael F. Wehner, Christopher C. Sampson, Oliver E.J. Wing, and KayLynn Larrison. (2025). "Climate Change and Federal Aid Disbursements After Hurricane Harvey: An Extreme Event Attribution Analysis." *Environmental Research Letters*.

O'Connell, Heather, Marcus Venable, and KayLynn Larrison. (2025) "Neighborhood Disadvantage and the Geographic Distribution of Registered Sex Offender Concentration: Another Dimension of Racial Inequality?" *Race and Social Problems*.

CONFERENCE PRESENTATIONS

Bohrson, Michelle, Sherry Risk, Sara Hambrick, and KayLynn Larrison. "An Alternative Model for Enhancing Community Resilience." *Natural Hazards Workshop Practitioner's Meeting*. Broomfield, Colorado. 2025

Larrison, KayLynn and Kevin Smiley. "Effects of Climate Change Attributed Damage and Flooding on Housing Stability." *Natural Hazards Workshop Researcher's Meeting*. Broomfield, Colorado. 2025

Smiley, Kevin T., Teye Yevuyibor, KayLynn Larrison, James Done, and Alexandra N. Ramos-Valle. "Social Implications of an Extreme Event Attribution Analysis of Hurricane Ida's Wind and Flood Impacts." *American Meteorological Society*. New Orleans, Louisiana. 2025

Smiley, Kevin T., James Done, Teye Yevuyibor, Alexandra Ramos, and KayLynn Larrison. "Investigating Socio-spatial Impacts from an Extreme Event Attribution Analysis of Hurricane Ida." *American Geophysical Union*. Washington DC. 2024

Smiley, Kevin T., Teye Yevuyibor, KayLynn Larrison, James Done, and Alexandra N. Ramos-Valle. "Social Responses to Climate Change Attributed Flooding in South Louisiana." *Natural Hazards Workshop Researchers Meeting*. Broomfield, Colorado. 2024

Larrison, KayLynn. "Threat perceptions and group empathy: An explanation of intergroup attitudes." *Southern Sociological Society* annual meeting. New Orleans, Louisiana. 2024

TEACHING EXPERIENCE

Guest Lecturer

Louisiana State University

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| • Introduction to Sociology Dr. Chauntel Chauvin | 2025 |
| • Sociological Theory Dr. Kevin Smiley | 2024 |
| • Sociological Theory Dr. Kevin Smiley | 2023 |

Teaching Assistant

University of North Texas | Louisiana State University

AWARDS

Roland Pellegrin Outstanding Graduate Student in Sociology	2025
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Travel Grant, <i>Environmental Data Science Innovation & Impact Lab (ESIIIL) Innovation Summit</i> <i>University of Colorado</i>	2025
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Travel Grant, <i>Compounding, Cascading, and Critical Risks to U.S. Infrastructure and Security Workshop</i> <i>Portland State University</i>	2025
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Travel Grant, <i>CyberTraining for Disaster Management Workshop</i> <i>Natural Hazards Workshop, Broomfield, CO</i>	2024
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SERVICE

Committee Member, <i>Fred C. Frey Memorial Award</i>	2025
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Judge, <i>LSU Discover Day Undergraduate Research and Creativity Symposium</i>	2025
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Manuscript Reviewer, <i>GeoHealth</i>	2024
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Local Arrangements Committee Member, <i>Southern Sociological Society annual meeting</i>	2024
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Judge, <i>LSU Discover Day Undergraduate Research and Creativity Symposium</i>	2024
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