

KayLynn Larrison  
Resilience Fellow  
SBP  
Gulfport, MS  
Email: [klarri5@lsu.edu](mailto:klarri5@lsu.edu)

## EDUCATION

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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&amp;M University</i>	2017 - 2020

## RESEARCH INTERESTS

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Disaster recovery; spatial inequality and environmental justice; quantitative and spatial methods

## EXPERIENCE

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Resilience Fellow   <i>SBP</i> <ul style="list-style-type: none"><li>Identify, access, and leverage federal and state funding opportunities to support disaster resilience in coastal Mississippi.</li><li>Collaborate with local governments and community partners on hazard mitigation and resilience planning initiatives.</li></ul>	2025 - present
Graduate Research Assistant   <i>Louisiana State University</i> <ul style="list-style-type: none"><li>Collaborated with an interdisciplinary team to quantify the amount of hurricane damage attributable to anthropogenic climate change.</li><li>Conducted spatial analyses in R and ArcGIS to examine socio-spatial inequalities in hurricane exposure and impacts across Louisiana.</li><li>Contributed to the design of survey instruments and in-depth interview guides assessing disaster impacts, climate risk awareness, and policy responses in coastal communities.</li></ul>	2024 - 2025

- Graduate Assistant | *Louisiana State University* 2022 - 2023
- Coded physical attributes for 311 calls, assessing how each call related to issues of flooding, drainage, and infrastructure.
- Technical Writer | *Pacston Technologies Group* 2020 - 2022
- Research Assistant | *Texas A&M University* 2019 - 2020
- Conducted social psychology experiments.
  - Assisted with participant recruitment, data collection, and literature review.

## PEER-REVIEWED PUBLICATIONS

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**Larrison, KayLynn**, Kevin T. Smiley, and Michael F. Wehner. “Climate Change and Post-Disaster Housing Inequality: Evidence from Extreme Event Impact Attribution.” (under review at *Climatic Change*).

Smiley, Kevin T., Ovel Díaz-García, James M. Done, Scott A. Hemmerling, **KayLynn Larrison**, Rubayet Bin Mostafiz, Md Adilur Rahim, Alexandra N. Ramos-Valle, and Jonathan Teye Yevuyibor. “Attributing multi-hazard impacts of Hurricane Ida in south Louisiana to past, present, and future climates: Advancing extreme event impact attribution.” (under review at *Environmental Research Letters*).

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

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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

<b>Larrison, KayLynn</b> and Kevin Smiley. “Effects of Climate Change Attributed Damage and Flooding on Housing Stability.” <i>Natural Hazards Workshop Researcher’s Meeting</i> . Broomfield, Colorado.	2025
Smiley, Kevin T., Teye Yevuyibor, <b>KayLynn Larrison</b> , James Done, and Alexandra N. Ramos-Valle. “Social Implications of an Extreme Event Attribution Analysis of Hurricane Ida’s Wind and Flood Impacts.” <i>American Meteorological Society</i> . New Orleans, Louisiana.	2025
Smiley, Kevin T., James Done, Teye Yevuyibor, Alexandra Ramos, and <b>KayLynn Larrison</b> . “Investigating Socio-spatial Impacts from an Extreme Event Attribution Analysis of Hurricane Ida.” <i>American Geophysical Union</i> . Washington DC.	2024
Smiley, Kevin T., Teye Yevuyibor, <b>KayLynn Larrison</b> , James Done, and Alexandra N. Ramos-Valle. “Social Responses to Climate Change Attributed Flooding in South Louisiana.” <i>Natural Hazards Workshop Researchers Meeting</i> . Broomfield, Colorado.	2024
<b>Larrison, KayLynn</b> . “Threat perceptions and group empathy: An explanation of intergroup attitudes.” <i>Southern Sociological Society</i> annual meeting. New Orleans, Louisiana.	2024

## TEACHING EXPERIENCE

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Guest Lecturer   <i>Louisiana State University</i>	
<ul style="list-style-type: none"> <li>● Introduction to Sociology</li> <li>● Sociological Theory</li> <li>● Sociological Theory</li> </ul>	<p>2025</p> <p>2024</p> <p>2023</p>
Supplemental Statistics Instructor   <i>Louisiana State University</i>	2023
Teaching Assistant   <i>University of North Texas</i>	2020 - 2022

## AWARDS

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Roland Pellegrin Outstanding Graduate Student in Sociology	2025
Travel Grant, <i>Environmental Data Science Innovation &amp; Impact Lab (ESIL) Innovation Summit</i> <i>University of Colorado</i>	2025

Travel Grant, *Compounding, Cascading, and Critical Risks to U.S. Infrastructure and Security Workshop* 2025  
*Portland State University*

Travel Grant, *CyberTraining for Disaster Management Workshop* 2024  
*Natural Hazards Workshop, Broomfield, CO*

## **SERVICE**

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Committee Member, *Fred C. Frey Memorial Award* 2025

Judge, *LSU Discover Day Undergraduate Research and Creativity Symposium* 2025

Manuscript Reviewer, *GeoHealth* 2024

Local Arrangements Committee Member, *Southern Sociological Society annual meeting* 2024

Judge, *LSU Discover Day Undergraduate Research and Creativity Symposium* 2024