

# NOAH SANTEE

Houston, Tx | [www.uhcl.edu/environmental-institute/](http://www.uhcl.edu/environmental-institute/)  
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## EXPERIENCE

### Research Associate – Fish Taxonomist

January 2024 to Present

Environmental Institute of Houston – University of Houston-Clear Lake, Houston, Tx

- Assist with routine water quality monitoring, data collection, and data QC as part of the Clean Rivers Program.
- Coordinate with private landowners, stakeholders, and state/federal agency representatives.
- Act as lead fish taxonomist for the 2023-24 National Rivers and Streams Assessment for the state of Texas.

### Graduate Research Assistant

January 2022 to December 2023 (2 yrs.)

Riverscape Ecology Lab – Texas A&M University, College Station, Tx

- Led research crews on fish community sampling trips to several river basins across the state of Texas.
- Logistical planning to coordinate sampling access with state and local entities, lodging, and budget reporting.
- Proposed and carried out a two-chapter thesis for a project funded by the U.S. Army Corps of Engineers and in cooperation with the Texas Research Institute for Aquatic and Groundwater Ecology.

### Undergraduate Research Assistant

May 2020 to December 2021 (1 yr., 7 mos.)

Riverscape Ecology Lab – Texas A&M University, College Station, Tx

- Worked on two minnow movement studies using visual implant elastomer and a mark recapture study design across multiple rivers in the Southern Great Plains.
  - Led a side project looking into the movement of the Plains Killifish and was first author on the resulting publication.
  - Led and assisted with a project looking at the metacommunity structure and connectivity for the fish community of a local creek.
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## EDUCATION

### Master of Science in Ecology and Conservation Biology | Texas A&M University | December 2023 | 4.0 GPA

Thesis title: “Determining Trait-Environment Relationships Across Systems, Scales, and Forms of Alteration”

Thesis committee chair: Dr. Joshuah Perkin

### Bachelor of Science in Wildlife and Fisheries Sciences | Texas A&M University | December 2021 | 4.0 GPA

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## PUBLICATIONS

**Santee, N. S.** (2023). Determining Trait-Environment Relationships Across Systems, Scales, and Forms of Alteration. Texas A&M University ETD.

Evans, H. A., Booknis, M. I., **Santee, N. S.**, Mangold, R. D., Roberts, H. C., Wolff, J. P., ... & Perkin, J. S. (2023). Mesohabitat and macroecological correlates for blue sucker (*Cycoreptus elongatus*) occurrence in regulated rivers. *River Research and Applications*.

Steffensmeier, Z. D., Wedgeworth, M., Yancy, L., **Santee, N.**, Brewer, S. K., & Perkin, J. S. (2022). Paradigm versus paradox on the prairie: testing competing stream fish movement frameworks using an imperiled Great Plains minnow. *Movement Ecology*, 10(1), 1-18.

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**Santee, N. S.**, Yancy, L. E., Steffensmeier, Z. D., & Perkin, J. S. (2022). Testing restricted movement of plains killifish (*Fundulus zebrinus*). *The Southwestern Naturalist*, 65(3-4), 271-275.

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## PRESENTATIONS

**Santee, N.S.**, Conway, K.W., Nowlin, W.H., Smith, D., Perkin, J.S., (2023). Symptoms of a syndrome: Linking stream fish functional traits to riverscape alterations. American Fisheries Society 153<sup>rd</sup> Annual Meeting. Grand Rapids, MI. Oral presentation.

Evans, H., Booknis, M., **Santee, N.S.**, Roberts, H., Ellard, J., Wolff, J., Mangold, R., Perkin, J., (2023). Ecological Correlates for Blue Sucker occurrence in regulated rivers. American Fisheries Society 153<sup>rd</sup> Annual Meeting. Grand Rapids, MI. Oral presentation.

**Santee, N.S.**, Conway, K.W., Nowlin, W.H., Smith, D., Perkin, J.S., (2023). Testing responsiveness of stream fish functional traits to anthropogenic riverscape alterations. Texas A&M University Ecological Integration Symposium. College Station, TX. Oral presentation.

**Santee, N.S.**, Conway, K.W., Nowlin, W.H., Smith, D., Perkin, J.S., (2023). Testing responsiveness of stream fish functional traits to anthropogenic riverscape alterations. Texas Chapter of the American Fisheries Society Annual Meeting. Corpus Christi, TX. Oral presentation.

**Santee, N.S.**, Yancy, L.E., Steffensmeier, Z.D., Perkin, J.S., (2021). Testing restricted movement of Plains Killifish (*Fundulus zebrinus*). Texas Chapter of the American Fisheries Society Annual Meeting. Virtual. Poster presentation.

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## AWARDS

**2023 Outstanding Fisheries Worker of the Year Award - Master's Student** | Texas Chapter of the American Fisheries Society

**2022 Harry Tennison Scholarship by the Sportsmen's Club of Fort Worth** | Texas Chapter of the American Fisheries Society

**2021 Danial Lee Martin '83 Memorial Scholarship 2021** | Texas A&M University College of Agriculture and Life Sciences

**2021 Lin & Lester Miyajima '73 Memorial Scholarship** | Texas A&M University College of Agriculture and Life Sciences

**2020 Lin & Lester Miyajima '73 Memorial Scholarship** | Texas A&M University College of Agriculture and Life Sciences

**2020 Joe & Billy Manion Endowed Scholarship** | Texas A&M University College of Agriculture and Life Sciences

**2020 Jack Crawford Endowed Scholarship** | Texas A&M University College of Agriculture and Life Sciences

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## AFFILIATIONS

- **Member of the Texas A&M Student Subchapter of the American Fisheries Society** | 2019-2023
    - Treasurer for fall 2020 and spring 2021
    - Secretary for spring 2020
  - **Student Member of the American Fisheries Society** | 2021-2023
  - **Member of the Phi Eta Sigma National Honor Society** | 2019-Present
  - **Member of the Texas A&M Student Subchapter of The Wildlife Society** | Fall 2018 - Spring 2019
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## SKILLS AND ADDITIONAL EXPERIENCE

- Experience working with various software including R Studio, ArcGIS, and Microsoft Office Suite.
- Obtained certifications for SORM Driving Safety, BoatU.S. Boaters Safety, IACUC, as well as CPR and First Aid.
- Experience applying for State Park Scientific Study Permits and permit reporting for both these and the Texas SPR.
- Knowledgeable in Texas freshwater fish ID with community sampling experience in most river basins.
- Over 1500 hrs. seining experience.
- Over 500 hrs. visual implant elastomer tagging experience.
- Experience working with multiple gear types including seines, backpack and boat electroshockers, and gill nets and habitat equipment such as flow trackers, multi-parameter water quality meters, and densimeters