

Stevens Charles, BSCE

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Education

B.S. Civil Engineering, Florida International University, 2022

Awards and Honors

- Florida Medallion scholars award

Conference Activity

Presentations

- 2022 Understanding the Groundwater Surface Water exchange in the F-area Wetlands of Fourmile Branch, Department of Energy Poster Competition, November 2
- 2022 Surface Water Dynamics within the F-Area of Savannah River Site and its Linkages with Groundwater and I-129, Waste Management, Phoenix, AZ, March 6-10
- 2021 A Modeling Exercise to Examine the Variation in Sediment Transport Process Under Different Erosion and Precipitation Criteria at Steed Pond, Tims Branch Watershed, Savannah River Site, SC – Waste Management, Remote Participation

Research Experience

Research Assistant

- 2022 – Present University of Georgia, Ducks Unlimited Fellow
Responsible for researching the effects of natural infrastructure in coastal environments
- 2020-2022 Florida International University, U.S Dept. of Energy (DOE) Fellow, Applied Research Center
Participate in research related to the development of contaminant fate and transport models and hydrological models for Savannah River National Laboratory

Summer Research Intern

- 2022 Savannah River National Laboratory (Aiken, SC)
Conducting Literature Review and aiding in the installation of temperature probes in the F-area wetlands of Fourmile Branch
- 2021 Lawrence Berkley National Laboratory (Remote)
Data analysis of different parameters to aid in understanding what is occurring in the F-area Wetlands of Fourmile Branch

Service

To Florida International University

- 2021 – Present Progressive Black Men (PBM) – Educating the community on Political Awareness, Academic Excellence, Professionalism, Education Development, Economic Empowerment
- 2018-2020 United Nations International Children’s Emergency Fund (UNICEF) – Responsible for spreading knowledge and raising money for children in need

Professional Memberships and Society Affiliations

- 2021- Present National Society of Black Engineers (NSBE)
- 2021- Present American Society of Civil Engineers (ASCE)