



DEXTER ELLIS, MS

Science Communications and Marketing Specialist

ORGANIZATION ROLE

Science
Communications and
Marketing Specialist

PROJECT ROLE / FOCUS AREAS

Graphic design
Photography
Videography

Science
communication

EDUCATION

MS Biology, University
of Saint Joseph, 2024

Graduate Certificate in
Environmental
Science, University of
Saint Joseph, 2023

BA Theatre, *
Louisiana State
University, 2016

*60 + hours in
undergraduate science
courses

Dexter Ellis, Science Communications and Marketing Specialist, brings his background in science and the arts to communicate complex concepts in tandem with the research team. His years of experience in photography, videography, graphic design, website management, and building narratives helps translate research into diverse communications pieces that allow the science to reach a broader audience.

Dexter graduated with a BA in Theatre from LSU and a MS in Biology from the University of Saint Joseph. His thesis examined the microbiome of recycled oyster shells as they leave restaurants and before they are used in the creation of living reefs that protect coastlines. Prior to joining the Institute, Dexter was the Director of Education & Community Programs at Chicago Children's Theatre where he created and implemented culturally responsible Science, Technology, Engineering, Arts, and Math (S.T.E.A.M.) curriculum across Chicago's public and private school system.

PROFESSIONAL EXPERIENCE

2023–Present: Science Communications & Marketing Specialist, The Water Institute

2022–2023: Visual Science Communications Specialist, The Water Institute

2022: Policy and Research Fellow, The Water Collaborative

2022: Water Quality Lab & Molecular and Microbial Ecology Lab Volunteer, Shedd Aquarium

2018–2021: Director of Education & Community Programs, Chicago Children's Theatre

2016–2018: Education Associate & Residency Manager, Chicago Children's Theatre



SELECTED PROJECTS

Resource Evaluation of Critical and Hard Offshore Mineral Programmatic Reference. *Bureau of Ocean Energy Management (2023). Graphics Lead and Designer.* This assessment project aims to explore and characterize critical minerals in deep sea locations. The graphics and materials created serve as vital tools for Subject Matter Experts (SMEs) in reviewing and evaluating deep sea critical mineral activities such as proposed prospecting, leasing, and operations.

Louisiana 2023 Coastal Master Plan. *Coastal Protection and Restoration Authority (2023). Graphic Designer.* As part of the Coastal Master Plan, High Tide Flooding graphics were created to illustrate potential localized flooding within coastal communities over a 50-year span. These graphics are being used in community outreach and planning.

Louisiana Climate Action Plan 2022 Annual Report. *Climate Initiatives Task Force, Office of the Governor (2022–2023). Graphic Designer.* Following the Louisiana Climate Action Plan, the first annual report

was published to capture the work being done across the state to reduce greenhouse gas footprint while improving health outcomes, conserve natural resources and adapt to the impacts of climate change.

Integrating Equity into Municipal Engagement. *Gulf Center for Equitable Climate Resilience (2023). Co-Developer.* This comprehensive training program is designed to equip municipal leaders with the knowledge, tools, and strategies to drive meaningful and inclusive community participation. This curriculum is built to bridge gaps, foster understanding, and promote genuine dialogue while increasing support, relevance, feasibility, and resiliency of projects within communities.

Measuring What Matters Summit. *United States Army Corps of Engineers Engineering with Nature Program (2022). Graphic Designer.* The summit brought together a collection of leaders, scientists, and academics to consider how to best quantify the broader set of economic, environmental, and social benefits and costs that integrated water projects can have.