



OIL SPILL SCIENCE

SEA GRANT PROGRAMS OF THE GULF OF MEXICO

ABOUT SEA GRANT

The mission of Sea Grant is to enhance the practical use and conservation of coastal, marine and Great Lakes resources in order to create a sustainable economy and environment. There are 34 university-based Sea Grant programs throughout the coastal U.S. states and its territories. These programs are primarily supported by the National Oceanic and Atmospheric Administration (NOAA) and the states in which the programs are located. For more information about the four Sea Grant programs that border the Gulf of Mexico, visit gulfseagrant.org.



ABOUT GOMRI

The Gulf of Mexico Research Initiative is led by an independent and academic 20-member Research Board, which guides the research focus and the funding decisions to ensure the intellectual quality, effectiveness and academic independence of the GoMRI research. GoMRI was established using funds that are not associated with any oil spill penalties. For more information, visit gulfresearchinitiative.org.



YOU HAVE QUESTIONS. WE FIND ANSWERS.

The four Sea Grant programs in the Gulf of Mexico have assembled a team of oil spill science outreach specialists to collect and translate the latest peer-reviewed research for those who rely on a healthy marine ecosystem for work or recreation. Our specialists – all trained scientists themselves – connect with audiences in person, in print, and online.



Sea Grant specialists host seminars, bringing top scientists and hands-on learning straight to our target audiences. The team shares science using a just-the-facts approach, reaching thousands face-to-face and even more via webinar. (RECOVER/Dan DiNicola)

FACTS AT YOUR FINGERTIPS

Our specialists produce in-depth publications and presentations to reveal what current research says about these issues and more:

- Fisheries health and seafood safety,
- Human and environmental impacts,
- Oil spill response, including dispersant use and emerging technologies.

Our audiences let us know what oil spill science topics they want to learn about next! Join our mailing list to become a part of the conversation.

All of our publications, news about upcoming events, links to webinars, and videos of past presentations can be found on our website at gulfseagrant.org/oilspilloutreach.



CONTACTS

The Sea Grant Oil Spill Science Outreach Team works together regionally to research and share oil spill-related topics.

Dani Bailey, M.S. — Based in Corpus Christi, Texas, with the Texas Sea Grant College Program, Dani's educational background is aquatic health sciences, specifically focusing on sportfish and sharks. She also coordinated a marine education program for teachers in Mississippi that emphasized marine organisms and ecosystems, scientific careers, and community sustainability. Email: Danielle.bailey@tamu.edu



**SPECIALIST
DANI BAILEY**



**SPECIALIST
EMILY MAUNG-DOUGLASS**

Emily Maung-Douglass, Ph.D. — Based in Baton Rouge, Louisiana, with the Louisiana Sea Grant College Program, Emily is trained in ecology, chemistry, and ecotoxicology. Her work has included studies of the impacts of environmental stressors on aquatic animals. She works on the chemical evolution of petroleum and dispersants and the interactions with ecosystems. Email: edouglass@lsu.edu

Missy Partyka, Ph.D. — Based in Mobile, Alabama, with the Mississippi-Alabama Sea Grant Consortium, Missy has used her degrees in coastal and integrated ecology to work closely with the public to research and explain complex environmental issues, particularly those relating to water quality and food safety. She works on topics related to human health and the environment. Email: m.partyka@auburn.edu



**SPECIALIST
MISSY PARTYKA**



**SPECIALIST
MONICA WILSON**

Monica Wilson, Ph.D. — Based in St. Petersburg, Florida, with UF/IFAS Florida Sea Grant Extension, Monica has used her physical oceanography background to model circulation and flushing of coastal systems in the region and the impacts of tropical storms on these systems. She focuses on the distribution, dispersion, and dilution of petroleum under the action of physical ocean processes and storms. Email: monicawilson447@ufl.edu

Steve Sempier, Ph.D. — Based in Ocean Springs, Mississippi, with the Mississippi-Alabama Sea Grant Consortium, Steve has worked on several Gulf-wide issues, including developing and updating the Gulf of Mexico Research Plan and implementing a Gulf of Mexico hydrological restoration program through a partnership with the NOAA Restoration Center. He coordinates the overall outreach effort. Email: stephen.sempier@usm.edu



**OUTREACH MANAGER
STEVE SEMPIER**



**COMMUNICATOR
TARA SKELTON**

Tara Skelton, M.A.Ed. — Based in Ocean Springs, Mississippi, with the Mississippi-Alabama Sea Grant Consortium, Tara has served as a science communicator for the Gulf of Mexico Research Initiative and other marine science research consortia. She supports the oil spill specialists in the development of outreach products and management of the team's online presence. Email: tara.skelton@usm.edu

Learn more about this effort at gulfseagrants.org/oilspilloutreach.

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