

Oil spill science seminar: Healthy Gulf seafood

November 18, 2015 – Long Beach, MS

A BIT ABOUT TODAY'S SPEAKERS...



Gary Shigenaka is a senior biologist with the National Oceanic and Atmospheric Administration's Emergency Response Division in Seattle. He has provided biological and shoreline assessment support during spills of oil and hazardous chemicals in the U.S. and internationally for more than two decades. He will be talking about seafood testing in the response world during the Deepwater Horizon oil spill.



Dr. Benjamin Dubansky is a developmental physiologist. Dr. Dubansky received his training at LSU and began his oil spill research prior to the landfall of oil from the Deepwater Horizon. He continues to monitor the effects of the spill on the early development of Gulf species and model vertebrates at the University of North Texas' Developmental Integrative Biology Research Cluster.



Susan Snyder is a PhD student at the University of South Florida College of Marine Science, working in Dr. Steve Murawski's lab. As a part of the Center for Integrated Modeling and Analysis of Gulf Ecosystems (C-IMAGE) group, Susan studies exposure to and accumulation of oil in bottom-dwelling fishes from the Gulf of Mexico, including species such as red snapper and golden tilefish. Today Susan will be talking about a biomarker of short-term exposure to oil, metabolites in bile.



Dr. Ruth H. Carmichael is a Senior Marine Scientist at the Dauphin Island Sea Lab and an Associate Professor of Marine Sciences at the University of South Alabama. She is a population and trophic ecologist who studies relationships between organisms and their environment, particularly responses to human-related stressors such as nutrient enrichment and pollution. She will share studies on how oysters were affected by the Deepwater Horizon Oil spill.

MORE ON BACK



Gina Ylitalo is the Program Manager of Environmental Chemistry at the National Marine Fisheries Service's Northwest Fisheries Science Center in Seattle, Washington. She and her staff focus on developing analytical methods to measure chemical contaminants, including petroleum-related compounds and their metabolites, and other chemical tracers in NOAA trust resources. She will be presenting information on the federal seafood safety response to the 2010 Deepwater Horizon oil spill.



Dr. Guarisco currently works as the Environmental Toxicologist for the Alabama Department of Public Health. As part of his duties, he provides toxicological and risk assessment consultation to state, federal, municipal, and community agencies and organizations. Additional duties include researching and writing fish consumption advisories and environmental health advisories.



Rick Burris is from the Mississippi Department of Marine Resources (MDMR) Office of Marine Fisheries and serves as the Director of the Shrimp and Crab Bureau. Rick was one of the lead scientist involved with the Mississippi Seafood Safety Testing Program sampling efforts from 2010 to 2014. He will be talking about MDMR's response to the Deepwater Horizon Oil Spill and the safety of Mississippi's seafood.



Dr. Russ Miget is a Sr. Research Scientist with Texas Sea Grant working with seafood producers and processors to assure a safe and quality supply of seafood from the Gulf of Mexico. He will discuss the processor training that Gulf states seafood technologists provided in the aftermath of the spill to identify oil contaminated seafood as part of their HACCP seafood inspection plans.



Dr. Mark Wilson is clinical assistant professor with the Department of Global Environmental Health Sciences at Tulane University's School of Public Health and Tropical Medicine. His work involves the application of Community Based Participatory Research (CBPR) designs focused on dietary health risk assessments following environmental disasters. He will be presenting findings from a seafood based dietary health risk assessment conducted in a sensitive subpopulation of high-end seafood consumers in southeast Louisiana.