

Public Education



♦ Gulf Lagniappe

- 1 day workshop for anyone 18 years or older
- Features a CWC scientist
- Lab activities and field activities that highlights the featured scientist's research

♦ Family Events

- 1 day event for specific age groups
- Features a CWC scientist or a research theme
- Lab activities and field activities

Student Opportunities

- Art and Science Camp
cwc.lumcon.edu/?page_id=4135
- Field Marine Science Camp
cwc.lumcon.edu/?page_id=4135
- LEAD Camp

www.lumcon.edu/education/K12/LeadCamp/



Learn More

Visit our website

cwc.lumcon.edu

Read our blog

cwceducation.wordpress.com

Follow us on Facebook

www.facebook.com/CoastalWatersConsortium

Contact our Educators

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Visit GoMRI website

gulfresearchinitiative.org/

Visit LUMCON website

lumcon.edu



Coastal Waters Consortium



Coastal Waters Consortium

- ◆ The Coastal Waters Consortium (CWC) was founded in early 2012 to assess the chemical evolution, biological degradation, and environmental stresses of petroleum and dispersant within Gulf of Mexico coastal and shelf ecosystems. The research, education and outreach are funded by the Gulf of Mexico Research Initiative.

cwc.lumcon.edu

Gulf of Mexico Research Initiative

- ◆ The Gulf of Mexico Research Initiative (GoMRI) was formed in May 2010 when BP committed \$500 million over a 10-year period to create an independent research program to be conducted at research institutions primarily in the US Gulf Coast States.
- ◆ The mission of GoMRI is to investigate the impacts of the oil, dispersed oil, and dispersant on the ecosystems of the Gulf of Mexico and affected coastal states to improve understanding of the complexity of oil spills and their environmental stresses and public health implications.

gulfresearchinitiative.org/



CWC Research

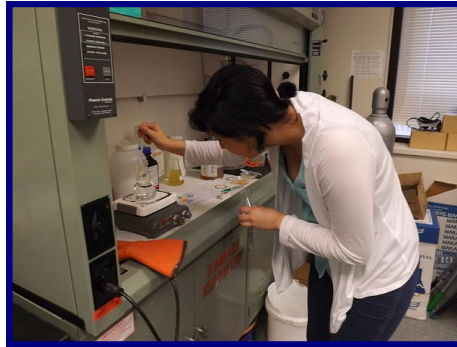
- ◆ The CWC's coastal waters research is divided into four major research tasks:

Task 1: Oil Transport, Distribution, and Fate

Task 2: Marsh Processes and Health

Task 3: Marsh Organisms and Food Webs

Task 4: Continental Shelf Effects



- ◆ 23 principal investigators and their labs are researching many diverse topics including:
 - hydrocarbon breakdown
 - modeling oil transport
 - shoreline erosion
 - microbial communities
 - carbon, nitrogen, and phosphorous biogeochemical processes
 - seaside sparrow reproduction
 - aquatic worm burrowing
 - insect species richness
 - toxicity in fish
 - affect on oysters
 - dissolved oxygen levels

cwc.lumcon.edu/?page_id=2600

CWC Collaborating Institutions

The CWC research is a collaboration of scientist representing 14 institutions.

- ◆ Louisiana Universities Marine Consortium
- ◆ Louisiana State University
- ◆ LSU AgCenter
- ◆ Connecticut College
- ◆ George Washington University
- ◆ Florida Atlantic University
- ◆ Florida Gulf Coast University
- ◆ Marine Biological Laboratory (WHOI)
- ◆ Rutgers University
- ◆ University of Tennessee
- ◆ University of Maryland
- ◆ University of Louisiana at Lafayette
- ◆ Duke University
- ◆ University of North Carolina at Chapel Hill

