

# Louisiana Universities Marine Consortium



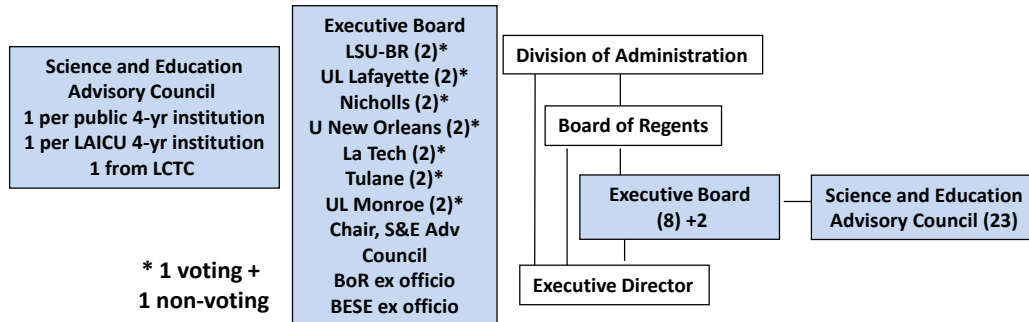
Annual Report FY 2012



## Retrospective

### LUMCON IN TRANSITION

First, there was an external review of LUMCON with a draft completed in September 2012. Then, there was a Task Force commissioned by the LUMCON Executive Board to consider the findings of the review report and to draft a way forward. Thirdly, there was a series of legislative actions. Finally, legislation was passed and enrolled by the Louisiana Legislature in summer 2012.



The governance of LUMCON is transitioning from a six-member Executive Board representing three universities to an Executive Board with eight voting members (seven non-voting members) representing Louisiana State University and A&M College, University of Louisiana at Lafayette, Nicholls State University, Tulane University, University of New Orleans, Louisiana Tech University, University of Louisiana at Monroe, and the chair of a newly legislated LUMCON Science and Education Advisory Council (SEAC). The SEAC is composed of representatives from all of Louisiana's four-year higher education institutions, plus one representative from the Louisiana Community and Technical College system. It has taken a while to get this organized. The first meeting will be held in January 2013. While this occurs in FY2013, these activities have been in the forefront for LUMCON in FY2012.

### RESEARCH PROGRAM GROWS

LUMCON successfully competed and was named one of the eight consortia funded from BP research funds through the Gulf of Mexico Research Initiative (<http://gulfresearchinitiative.org>). The research group includes LUMCON, LSU, LSU AgCenter, ULL and nine additional research institutions from outside of Louisiana. The funds are \$12.2 million over three years, of which 80% is retained within the four Louisiana institutions of higher education. The focus of the LUMCON-managed Coastal Waters Consortium is the effects of the *Deepwater Horizon* oil spill on coastal habitats (<http://cwc.lumcon.edu>). Research began in earnest shortly before the oil spill reached Louisiana's shores (with other funding). The wealth of pre-spill observations and data provides an excellent platform for continued inquiry and ecosystem-level experiments.



In addition, for each dollar provided in the State General Budget (\$2,419,862), LUMCON researchers and their collaborators brought in \$2,533,550 from external funding sources. This converted to \$394,355 for LUMCON operations in FY12.

### FINANCIAL CONSTRAINTS

Some call these opportunities. The State General Budget has decreased by 32% or one-third since FY09. The State General Fund has been reduced by half compared to all means of financing to LUMCON, from 34% to 17% in FY2009 to FY2013, respectively. This makes a frighteningly precarious future for LUMCON and the excellent programs it has been able to offer the higher education portfolio for the State.

### FUTURE

My hope: LUMCON as an institution will be re-organized, re-governed and re-invigorated in FY2013 with the help from the many interested colleagues within the higher education system of Louisiana.

*Nancy Rabalais*

## GRANTS & AWARDS, NEW

GRANTING ENTITY	FACULTY OR STAFF	AMOUNT OF AWARD	CONTRACT PERIOD	TITLE OF AWARD
OCEAN LEADERSHIP, INC.	DR. NANCY RABALAIS	\$ 4,044,804.00	9/01/11 TO 08/31/2014	THE EFFECTS OF THE MACONDO OIL SPILL ON COASTAL ECOSYSTEMS
BUREAU OF OCEAN ENERGY MNGMT (BOEM) - FORMERLY MMS	DR. PAUL SAMMARCO	\$ 175,568.00	7/07/2011 THRU 06/30/2015	DEEP-WATER RECONNAISSANCE OF POTENTIALLY SENSITIVE BIOLOGICAL FEATURES (PSBFs) SURROUNDING SHELF-EDGE TOPOGRAPHIC BANKS IN THE NORTHERN GULF OF MEXICO
NATIONAL WILDLIFE FEDERATION	DR. ALEX KOLKER	\$ 9,998.00	7/22/11 THRU 12/31/2011	DEVELOPMENT OF A GRAIN SIZE MAP FOR THE WEST BAY MISSISSIPPI RIVER DIVERSION RECEIVING BASIN
NATIONAL SCIENCE FOUNDATION RAPID	DR. BRIAN ROBERTS	\$ 92,595.00	8/01/11 THRU 01/31/2013	COLLABORATIVE RESEARCH: RAPID: THE 2011 ATCHAFALAYA RIVER FLOOD AND A POSSIBLE ALTERED SYSTEM STATE FOR THE ATCHAFALAYA RIVER DELTA ESTUARY
NATIONAL SCIENCE FOUNDATION RAPID	DR. ALEX KOLKER	\$ 34,992.00	7/15/11 THRU 06/30/2012	COLLABORATIVE RESEARCH: RAPID: ACTIVATION OF THE INNER CONTINENTAL SHELF IN RESPONSE TO THE GREAT MISSISSIPPI/ATCHAFALAYA RIVER FLOOD OF 2011
LSU/NOAA SEA GRANT	DR. ALEX KOLKER	\$ 25,000.00	6/01/11 THRU 05/31/2012	COASTAL SCIENCE ASSISTANSHIP PROGRAM (CSAP) WET-LAND FORMATION FROM DOWNDRAFT SEDIMENT TRANSPORT IN LOUISIANA'S CHENIER PLAIN
NATIONAL SCIENCE FOUNDATION	JOE MALBROUGH	\$ 46,000.00	9/15/11 THRU 08/31/2013	SHIPBOARD SCIENTIFIC SUPPORT EQUIPMENT - PELICAN 2011
EPA	KERRY ST. PE	\$ 623,800.00	10/1/11 THRU 09/30/2015	BARATARIA-TERREBONNE NATIONAL ESTUARY PROGRAM - FY 2012
BP GRI RFP-III (via UGA)	DR. NANCY RABALAIS	\$ 17,671.00	6/01/11 THRU 11/30/2011	IMPACT OF OIL SPILL ON SUMMER HYPOXIA AND WATER CHEMISTRY IN THE NORTHERN GULF
TEXAS A&M FNDTN—NOAA	DR. NANCY RABALAIS	\$ 39,615.00	3/01/2012 TO 05/31/2012	CONTINUED DEVELOPMENT OF THE GULF OF MEXICO COASTAL OCEAN OBSERVING SYSTEM
DEPT. OF DEFENSE/ ARMY CORPS	KERRY ST. PE	\$ 15,000.00	9/16/11 TO 03/31/2012	CWPPRA - FY 11 - PLANNING OUTREACH FUNDS FOR VIDEO-BTNEP
NATIONAL SCIENCE FOUNDATION	DR. ALEX KOLKER	\$ 282,639.00	3/01/12 TO 02/28/2015	COLLABORATIVE RESEARCH: ARE BURIED PALEOCHANNELS EFFECTIVE REACTORS FOR WATER AND SOLUTE TRANSPORT IN A DELTAIC SUBTERRANEAN ESTUARY?
LSU SEA GRANT—NOAA	DR. ALEX KOLKER & DR. BRIAN ROBERTS	\$ 89,990.00	2/01/12 TO 01/31/2013	SEDIMENT DYNAMICS AND BIOGEOCHEMICAL CYCLING IN A DEVELOPING DELTAIC SYSTEM: UNDERSTANDING LAND BUILDING AND HABITAT QUALITY IN A RIVER DIVERSION
NATIONAL SCIENCE FOUNDATION	JOE MALBROUGH	\$ 64,800.00	3/01/12 TO 02/28/2017	SHIP OPERATIONS - 2012
NATIONAL WILDLIFE FEDERATION	DR. ALEX KOLKER	\$ 10,000.00	6/08/12 TO 12/31/2012	WEST BAY DIVERSION
DEPT. OF DEFENSE/ ARMY CORPS	DR. JENNEKE VISSER	\$ 112,200.00	1/01/12 TO 03/31/2013	CWPPRA, FY 12 PLANNING SPL12100-FY 12 SUPPLEMENTAL, ACADEMIC ADVISORY GROUP - PPL#22

**SUBTOTAL \$ 5,684,672.00**

## GRANTS & AWARDS, RENEWED & EXTENDED

GRANTING ENTITY	FACULTY OR STAFF	AMOUNT OF AWARD	CONTRACT PERIOD	TITLE OF AWARD
NATIONAL SCIENCE FOUNDATION	JOE MALBROUGH	\$ 34,000.00	NO CHANGE	SHIP TIME - R/V PELICAN
NATIONAL SCIENCE FOUNDATION	JOE MALBROUGH	\$ 32,747.00	EXT TO 4/30/2012	ET SUPPORT SERVICES
BOARD OF REGENTS—ENHANCEMENT	DR. ALEX KOLKER	\$ -	EXT TO 6/30/2012	ENHANCING LUMCON'S ABILITY TO MEASURE RATES OF ENVIRONMENTAL CHANGE USING NATURALLY OCCURRING AND ANTHROPOGENIC RADIONUCLIDES
BOARD OF REGENTS—ENHANCEMENT	DR. GEOFFREY SINCLAIR	\$ -	EXT TO 6/30/2012	ENHANCEMENT OF CAPABILITIES TO ANALYZE IMPACTS OF ENVIRONMENTAL CHANGE ON ECOSYSTEM PROCESSES IN COASTAL LOUISIANA
NATIONAL AUDUBON SOCIETY, INC.	DR. ALEX KOLKER	\$ -	EXT TO 12/20/2011	HYDRODYNAMICS IN THE WEST BAY MISSISSIPPI RIVER DIVERSION

# GRANTS & AWARDS, RENEWED & EXTENDED (CONTINUED)

GRANTING ENTITY	FACULTY OR STAFF	ADDITIONAL AWARD	CONTRACT PERIOD	TITLE OF AWARD
NOAA	DR. MICHAEL DAGG	\$ 149,453.0000	NO CHANGE	NGOMEX 2009 - MECHANISMS CONTROLLING HYPOXIA: INTEGRATED CAUSAL MODELING—YEAR 3 FUNDS ADDED
DEPT. OF WILDLIFE & FISHERIES / NOAA	DR. ED CHESNEY	\$ 0	EXT TO 6/30/2012	DEVELOPING CRITERIA FOR SUSTAINABLE RECREATIONAL FISHING
NATIONAL SCIENCE FOUNDATION	JOE MALBROUGH	\$ 98,490.00	EXT TO 9/30/2012	SHIPBOARD SCIENTIFIC SUPPORT EQUIPMENT - 2010
TULANE—USGS	DR. ALEX KOLKER	\$ -	EXT TO 9/22/2012	LOWER MISSISSIPPI DELTAIC PLAIN ENVIRONMENTAL OBSERVATORY: A USGS LONG-TERM ESTUARY ASSESSMENT GROUP (LEAG) COLLABORATION
LSU SEA GRANT / NOAA	DR. ED CHESNEY	\$ -	EXT TO 9/30/2012	EXPANDING PRODUCTION OF COMMERCIAL FINFISH IN THE NGOM: DEVELOPMENT OF NOVEL SPAWNING PROTOCOLS FOR DIFFICULT TO SPAWN MARINE FISHES
BUREAU OF OCEAN ENERGY MNGMT (BOEM) - FORMERLY MMS	DR. PAUL SAMMARCO	\$ 173,613.00	NO CHANGE	DEEP-WATER RECONNAISSANCE OF POTENTIALLY SENSITIVE BIOLOGICAL FEATURES (PSBF'S) SURROUNDING SHELF-EDGE TOPOGRAPHIC BANKS IN THE NORTHERN GULF OF MEXICO
DEPT. OF DEFENSE - US ARMY CORP	KERRY ST. PE	\$ -	EXT TO 9/30/2012	CWPPRA, PLANNING, FY10 OUTREACH VIDEO & PHOTO
DEPT. OF DEFENSE - US ARMY CORP	KERRY ST. PE	\$ -	EXT TO 12/31/2012	CWPPRA, PLANNING, FY11 OUTREACH VIDEO & PHOTO
LSU SEA GRANT - OCPR	DR. ALEX KOLKER	\$ 50,000.00	6/1/11 THRU 5/31/2014	COASTAL SCIENCE ASSISTANSHIP PROGRAM (CSAP) WETLAND FORMATION FROM DOWNDRIFT SEDIMENT TRANSPORT IN LOUISIANA'S CHENIER PLAIN
NOAA/NCCOS	DR. NANCY RABALAIS	\$ 210,897.00	NO CHANGE	NGOMEX09: INTEGRATED ECOSYSTEM MODELING OF THE CAUSES OF HYPOXIA AMENDMENT - YEAR 4 FUNDS ADDED
NOAA/NCCOS	DR. MICHAEL DAGG	\$ 25,293.00	NO CHANGE	NGOMEX 2009 - MECHANISMS CONTROLLING HYPOXIA: INTEGRATED CAUSAL MODELING - YEAR 4 FUNDS ADDED
BOR-LEQSF	CHANGE PI TO DR. ALEX KOLKER	\$ -	EXT TO 6/30/2013	BOR ENHANCEMENT SUPPORT FUND: ENHANCEMENT OF CAPABILITIES TO ANALYZE IMPACTS OF ENVIRONMENTAL CHANGE ON ECOSYSTEM PROCESSES IN COASTAL LOUISIANA
TEAXAS A&M RESEARCH FNDTN/ NOAA	DR. NANCY RABALAIS	\$ 45,000.00	EXT TO 5/31/2016	CONTINUED SUPPORT OF GCOOS-RA DATA PORTAL, YEAR 2
NATIONAL SCIENCE FOUNDATION	DR. BRIAN ROBERTS	\$ 74,189.00	EXT TO 3/31/2013	REU SITE: INTERDISCIPLINARY RESEARCH EXPERIENCES IN CHANGING COASTAL ENVIRONMENTS (YEAR 2)
BUREAU OF OCEAN ENERGY (BOEM) - FORMERLY MMS	DR. PAUL SAMMARCO	\$ 0.00	EXT TO 4/30/2013	NEW INVASIVE MARINE SPECIES COLONIZING OIL/GAS PLATFORMS IN THE NORTHERN GULF OF MEXICO: VERIFICATION AND EXAMINATION OF SPREAD
	<b>SUBTOTAL</b>	<b>\$ 893,682.00</b>		
	<b>GRAND TOTAL</b>	<b>\$ 6,578,354.00</b>		

## RESEARCH PUBLICATIONS

- Baustian, M.M., N.N. Rabalais, W.L. Morrison and R.E. Turner. 2011. Seasonal microphytobenthos on the hypoxic northern Gulf of Mexico continental shelf. *Marine Ecology Progress Series* 436: 51-66. DOI: 10.3354/meps09262.
- Brazeau, D.A., P.W. Sammarco and A.D. Atchison. 2011. Micro-scale genetic heterogeneity and structure in coral recruitment: Fine-scale patchiness. *Aquatic Biology* 12: 55-67. DOI: 10.3354/ab00313
- Buck, K.R., N. Rabalais, J.M. Bernhard and J.P. Barry. 2012. Living assemblages from the “dead zone” and naturally occurring hypoxic zones. In: Altenbach, A.V., J.M. Bernard and J. Seckbach (eds.), *Cellular Origin, Life in Extreme Habitats and Astrobiology, Volume 21: Anoxia: Evidence for Eukaryote Survival and Paleontological Strategies*, 343-352. DOI: 10.1007/978-94-007-1896-8\_18.



## RESEARCH PUBLICATIONS CONTINUED

- Doney, S.C., M. Ruckelshaus, J.E. Duffy, J.P. Barry, F. Chan, C.A. English, H.M. Galindo, J.M. Grebmeier, A.B. Hollowed, N. Knowlton, J. Polovina, **N.N. Rabalais**, W.J. Sydeman and L.D. Talley. 2012. Climate change impacts on marine ecosystems. *Annual Review of Marine Science* 4: 11-37. DOI: 10.1146/annurev-marine-041911-111611.
- Dunn, J., **P.W. Sammarco** and G. LaFleur. 2012. Effects of phosphate on growth and skeletal density in the scleractinian coral *Acropora muricata*: A controlled experimental approach. *Journal of Experimental Marine Biology and Ecology* 411: 34-44. DOI: 10.1016/j.jembe.2011.10.013.
- Haslsun, J.A., K.B. Strychar, G.W. Buck and **P.W. Sammarco**. 2011. Coral bleaching susceptibility is decreased following short-term (1-3 Year) prior temperature exposure and evolutionary history. *Journal of Marine Biology*. 11p. DOI: 10.1155/2011/406812.
- Kolker, A.S.**, M.D. Miner and H.D. Weathers. 2012. Depositional dynamics in a river diversion receiving basin: The case of the West Bay Mississippi River Diversion. *Estuarine, Coastal and Shelf Science* 106: 1-12. DOI: 10.1016/j.ecss.2012.04.005.
- Land, L.E., **A.S. Kolker** and R.P. Gambrell. 2012. Biotic and abiotic controls on sediment aggregation and consolidation: Implications for geochemical fluxes and coastal restoration. *Marine Environmental Research* 79: 100-110. DOI: 10.1016/j.marenvres.2012.05.012.
- Lutz, B.D., E.S. Bernhardt, **B.J. Roberts**, Cory, R.M. and P.J. Mulholland. 2012. Distinguishing dynamics of dissolved organic matter components in a forested stream using kinetic enrichments. *Limnology and Oceanography* 57: 76-89. DOI: 10.4319/lo.2012.57.1.0076
- Rabalais, N.N.** 2010. Louisiana Universities Marine Consortium: Relatively new kid on the block. Special Issue: A Retrospective of Marine Laboratories around the Gulf of Mexico. *Gulf of Mexico Science: An International Journal* 28: 102-108.
- Rabalais, N.N.** 2011. Twelfth Annual Roger Revelle Commemorative Lecture | Troubled waters of the Gulf of Mexico. *Oceanography* 24: 200-211. DOI: 10.5670/oceanog.2011.44.
- Rabalais, N.N.** and R.E. Turner. 2011. Management Case Study: Mississippi River. In: Kramer, H. and J. Pinkney (eds.), *Treatise on Estuarine and Coastal Science, Volume 11: Management of Estuaries and Coasts*, 77-101. DOI: 10.1016/B978-0-12-374711-2.01105-0.
- Sammarco, P.W.**, D.A. Brazeau and J. Sinclair. 2012. Genetic connectivity in scleractinian corals across the northern Gulf of Mexico: Oil/gas platforms and the relationship to the Flower Garden Banks. *PLOS-One* 7: e30144. DOI: 10.1371/journal.pone.0030144.
- Strychar, K.B. and **P.W. Sammarco**. 2012. Effects of heat stress on phytopigments of zooxanthellae (*Symbiodinium* spp.) symbiotic with the corals *Acropora hyacinthus*, *Porites solida*, and *Favites complanata*. *International Journal of Biology* 4: 3-19. DOI: 10.5539/ijb.v4n1p3.
- Turner, R.E., **N.N. Rabalais** and D. Justić. 2012. Predicting summer hypoxia in the northern Gulf of Mexico: Redux. *Marine Pollution Bulletin* 64: 319-324. DOI: 10.1016/j.marpolbul.2011.11.008.



# LUMCON'S FY 2011-2012 BUDGET STATUS AS OF 6/30/2012

EXPENDITURES	FY 2011-12 BUDGET	FY 2011-12 ACTUAL EXPENDITURES THRU 6/30/2012	FY 2011-12 BUDGET BALANCE 6/30/2012
<b>STATE FUNDS</b>			
Salaries and Wages	1,487,489	1,487,489	0
Student Wages	0	0	0
Fringe Benefits	479,217	479,217	0
Travel	0	0	0
Operating Services	103,939	103,939	0
Supplies	28,167	28,167	0
Professional Services	0	0	0
Acquisitions:			
Library	0	0	0
Other Acquisitions	0	0	0
IAT-UPS- TRANSFERS, OTM Charges	360,101	360,101	0
STATE FUNDS EXPENDITURES*	2,458,913	2,458,913	0
*With Statutory Dedication Funds			

<b>OTHER FUNDS</b>			
Barataria-Terrebonne National Estuary	900,000	662,893	237,107
Restricted Fund (Research,IDC,FEMA)	4,479,667	1,762,340	2,717,327
Vessel Operations	2,000,000	1,956,026	43,974
Cafeteria / Dormitory	130,000	114,958	15,042
<b>TOTAL EXPENDITURES</b>	<b>\$9,968,580</b>	<b>\$6,955,130</b>	<b>\$3,013,450</b>

SOURCE OF REVENUE:	FY12 BUDGET	FUNDS DRAWN OR COLLECTED	FY12 BUDGET BALANCE
State General Fund	2,419,862	2,419,862	0
Restricted Fund: (Research,IDC,FEMA)			
Federal Funds	2,934,667	1,832,001	1,102,666
Self Generated Fees	2,070,000	484,972	1,585,028
Interagency Trans.	375,000	110,025	264,975
Ancillary Funds:			
Vessel Operations	2,000,000	1,956,026	43,974
Cafeteria Dormitory	130,000	114,958	15,042
Statutory Dedications:Fac.Pay	39,051	37,286	1,765
Statutory Dedications:Hier Ed Init	0	0	0
<b>TOTAL REVENUE</b>	<b>\$9,968,580</b>	<b>\$6,955,130</b>	<b>\$3,013,450</b>

## Prior Year-End Fund Balances:

Restricted Fund: (Research)	
Federal/Self-Gen. Fees, IAT,IDC Funds	993,421
Ancillary Funds:	
Vessel Operations w/IDC	90,386
Cafeteria / Dormitory	81,222
Act 971 Carryover (Prev. Maint.)	0
	<u>1,165,029</u>

## FY2011–FY2012 Employees

John Ahern	Marine Technician R/V Pelican	Shane Praetorius	Marine Center Facilities Manager
Alexander Ameen	Research Assistant	Shirley Price	Cafeteria / Dormitories
Daniel Beltz	Research Assistant I	Lora Pride	Research Associate III
Bruce Benoit	Information Technology Specialist	Jean Rabalais	Research Assistant
Tad Berkey	Bosun's Mate R/V Pelican	Nancy Rabalais	Executive Director & Professor
Shanna Bonvillain	Assistant Librarian	Shauna-Kay Rainford	Research Assistant I
Heidi Boudreaux	Chief Financial Officer	Cyndhia Ramatchandirane	Graduate Student / Research Assistant
Ivy Boudreaux	Facility Technician / Security	Rodney Redman Sr.	Deckhand R/V Pelican
Ciara Chambers	Graduate Student	Alexander Ren	Marine Technician R/V Pelican
Ed Chesney	Associate Professor	Brian Roberts	Assistant Professor
William Childress	Research Assistant I	Richard Robichaux	Facility Technician
Jennifer Conover	Senior Marine Educator	Jennifer Robinson	Marine Education Assistant
John Conover	Librarian	Stephen Rodriguez	Captain R/V Pelican
Nicole Cotten	University Education Coordinator & Instructor	Paul Sammaraco	Professor
Michael Dagg	Professor	Carrie Semmler	Research Assistant
Dinah Daigle	Cafeteria / Dormitories	Carl Sevin	Vessel Technician
Wilton Delaune Jr.	Facility Technician	Cindy Sevin	Receptionist
Kenneth Dies	Captain R/V Acadiana	Wayne Simoneaux	Marine Center Superintendent
Quay Dortch	Adjunct Professor	Geoffrey Sinclair	Assistant Professor
Reid Endsley	Facility Technician	Emily Speir	Research Assistant
Amanda Fontenot	Technical Assistant	Justin Stelly	Student Worker
Melissa Genazzio	Research Assistant I	Kelly Stoerman	Cook R/V Pelican
Chuck Guidry	Administrative Assistant, Vessel Operations	Maria Suarez	Environmental Monitoring Technician
Holly Hebert	Public Information Specialist	Joseph Thomas Jr.	2nd Captain R/V Pelican
Anya Hopple	Research Assistant II	Gerald Walker	Facility Technician
Joseph Ingram	Research Assistant I	Thomas Widgeon	Marine Technician R/V Pelican
Steven Joltki	Cook R/V Pelican	Max Wike	Relief Captain / ROV Operator R/V Pelican
Genia Kennedy	Administrative Assistant	Kelly Williams	Student Worker
Rhonda Knight	Financial Assistant	Brendan Young	Research Assistant
Alexander Kolker	Assistant Professor		
Craig LeBoeuf	Captain R/V Pelican		
Samuel LeBouef	Vessel Technician R/V Pelican	<b>BTNEP</b>	
Kenneth LeCompte	Security Guard	Andrew Barron	Water Quality Coordinator
Matthew Lirette	Security Guard	Matthew Benoit	Plant Materials Coordinator
Charo Luke	Administrator, Sponsored Programs	Dean Blanchard	Deputy Director
Joseph Malbrough	Marine Superintendent	Joseph Dantin	Public Involvement Coordinator
Russell Martin	Facility Technician	Richard DeMay	Senior Scientist
John Marton	Postdoctoral Research Associate	Sandra Helmuth	Office Manager
Jeremy Miller	Research Assistant	Michael Massimi	Invasive Species Coordinator
Wendy Morrison	Senior Research Associate	Kristy Monier	Media Relations & Events Coordinator
Bruce Parker	Security Guard	Alma Robichaux Jackson	Education Coordinator
Jack Pennington	Chief Engineer/Operations Manager—R/V Pelican	Jenny Schexnayder	Office Manager
Gene Pontiff	Security Guard	Shelley Sparks	Media Relations Coordinator
Scott Porter	Research Associate I	Kerry St. Pé	BTNEP Program Director



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