Department of Biology
Summary

The Department of Biology at the University of Louisiana at Lafayette assumed its current form in the late 1980s upon the merger of the Departments of Biology and Microbiology. In the spring semester of 2018, the faculty of the Department of Biology consisted of 27 professorial faculty members, 6 emeritus faculty members, and 7 instructors. Almost all professorial faculty members are active in research and 23 of our faculty serve as graduate faculty. Our graduate programs are supported by 7 adjunct faculty members; their affiliations include the United States Geological Survey, the National Oceanographic and Atmospheric Administration, and the Smithsonian Institution.

In this report, we summarize research accomplishments of our departmental faculty since 2012. Although the report focuses on research accomplishments, faculty members are accomplished in teaching and, consequently, attract funding for improving educational activities. We also briefly summarize the size and growth of our degree programs.

Grant productivity:
From 2012 through 2017, the faculty of the Department of Biology have secured over 7 million dollars of new research funding (the total amount of funding associated with these awards, which are often multi-institutional, is considerably higher).

Publications:
The faculty has a strong record of publication, with 251 papers published in peer-reviewed journals in the last 5 years. An additional 50 papers were published in conference proceedings or other edited volumes.

Other accomplishments:
Other notable accomplishments between 2012 and 2017 include faculty authorship of three books and three edited volumes. Faculty members have served as editors, associate editors, or editorial board members for 24 different journals or as members of 13 society boards or grant review panels. They presented 105 presentations as keynote addresses or invited seminars.

Degree program enrollments:
Since 2002 and the implementation of selective admissions, enrollment in the undergraduate biology major has grown steadily. With 890 majors in fall semester of 2017, (not including students in the pre-vet and med-tech transfer programs), biology is one of the largest majors at the University of Louisiana at Lafayette.
The Department of Biology offers a Ph.D. degree program in Environmental and Evolutionary Biology (established in 1983), and a M.S. degree program in Biology (with a thesis and non-thesis track). In the fall semester of 2017, 19 M.S. students were enrolled in the program, a slight decrease over recent years. Enrollment in the Ph.D. program has been fairly steady in the last few years, with 53 students enrolled in the fall semester of 2017.
The doctoral program offered in Biology is the only doctoral program offered at a public university focused on Ecology and Evolution. This degree program is the second largest biology doctoral program in the State of Louisiana. In the last five years, 29 students have earned doctoral degrees in Environmental and Evolutionary Biology. During the same time period, 29 students have earned MS degrees.

**Funding**

**External Funding**

**Albert, James**
- NSF- REU 1520047-003 supplement to NSF-DEB 1354511. $4,467 to UL Lafayette. 2017
- NSF- REU 1520047-002 supplement to NSF-DEB 1354511. $5,780 to UL Lafayette. 2016
- NSF- REU 1520047-001 supplement to NSF-DEB 1354511. $5,780 to UL Lafayette. 2015
- NSF-DEB 0741450, Biotic Surveys and Inventories Panel. Aquatic faunal survey of the Alto Purus National Park, Peru. PI, 2008-2012, $382,057

**Alciatore, Pegge**
- National Science Foundation. Strengthening Teachers Education through Math & Science Scholars. PI, 2014-2019, $1.2 million

**Chistoserdov, Andrei**
- PREPTECH LLC. Bacterial counts in skin samples collected and provided by Prep Tech. PI, 2015, $8,819
- Louisiana EPSCoR. Improved production of biodiesel by oleaginous bacteria. PI, 2014-2015, $10,000
- Louisiana Board of Regents. Development and optimization of molecular ecology techniques for gas and oil industry-related applications. PI, 2008-2012, $139,500

**Chlan, Caryl**
- United States Department of Agriculture, Agricultural Research Service, Southern Regional Research Center cooperative agreement. Plant Resistance to Fungal Pathogens:
Efficacy and mechanism of action of potential antifungal peptides and characterization of natural resistance to fungal infection. PI, 2013-2014, $5000. Additional funding awarded August, 2014: $7,500 for UL Lafayette plus $1,500 for in-house costs at the SRRC

- Board of Regents Support Fund (Enhancement Fund). High Throughput Rapid Analysis of Plant Tissues for Agricultural Applications. PI, 2013-2014, $65,000
- U.S. Department of Agriculture / Agricultural Research Service cooperative research project. Studies of the interactions between a fungal pathogen, *Aspergillus flavus* and tobacco and cotton plants. PI, 2012, $2,500
- National Science Foundation, Louisiana Experimental Program to Stimulate Competitive Research. Vicilin Genes from Wild Louisiana Legumes: A System to Study Novel Properties of Seed Storage Proteins. PI, 2011-2012, $10,000
- U.S. Department of Agriculture / Agricultural Research Service cooperative research project. Development of Plastid Transformation Vectors. PI, 2009-2014, $47,000

**Deaton, Lewis**

- Louisiana Board of Regents pilot program. Development of a molecular genetics protocol to identify rat lungworm. PI, 2014-2015, $10,000
- Louisiana Board of Regents enhancement program. Upgrading instrumentation for metal analysis in biological research and education at UL Lafayette. Co-PI (P. Klerks, PI), 2012-2013, $72,262

**DeRamus, Alan**

- U.S. Department of Agriculture/Louisiana Natural Resources Conservation Service. Using BEHAVE principles to promote innovative conservation approaches to Louisiana livestock producers. PI, 2012-2014, $141,555

**Duke-Sylvester, Scott**

- NSF/NIH. Eco-epidemiology of tick-borne rickettsial pathogens. H. Gaff (ODU PI), S.M. Duke-Sylvester (coPI, ULL Lead). 10/1/2017 to 10/31/2022. $1,000,000 total, $254,804 to UL Lafayette
- THE WATER INSTITUTE OF THE GULF. Anahuac National Wildlife Refuge Hydrology Scenario Evaluation. 5/15/2017 to 6/30/2017. $6,000
- Royal Engineers and Consultants, LLC. S.M. Duke-Sylvester (PI, 1/3 summer month). 7/1/2016 to 7/1/2017. $3,602
- The Water Institute of the Gulf. Delta Management Review and Analysis. S. M. Duke-Sylvester (PI, 1 summer month) and J. Visser (co-PI). 6/1/2015 to 6/30/2016. $30,169 total, $15,000 to my lab
• The Water Institute of the Gulf. Phase I Modeling for Mid-Breton Sediment Diversion: LA VegMod. PI, 2014-2014, $4,858
• The Water Institute of the Gulf. Phase I Modeling for Lower Breton Sound Sediment Diversion: LA VegMod. Co-PI (J. Visser PI) 2013-2014, $7,236
• The Water Institute of the Gulf. Phase I Modeling for Lower Barataria Sound Sediment Diversion: LA VegMod. Co-PI (J. Visser PI) 2013-2014, $7,236
• The Water Institute of the Gulf. Phase I Modeling for Calcasieu Ship Channel Salinity Control Measures Project: LA VegMod. PI. 2013-2014, $8,731
• Louisiana Coastal Protection and Restoration Authority. Develop and Apply an Approach for Interfacing LA VegMod with Spatially Explicit Hydrodynamics Model. Co-PI (J. Visser PI) 2013-2014, $31,257
• Louisiana Coastal Protection and Restoration Authority. LA VegMod Results for Point Au Fer Island and Cailleu Lake Landbridge. Co-PI (J. Visser PI) 2013-2014, $31,257
• LA Board of Regents. Integrating Ecological and Evolutionary Theory to Understand the Epidemiology of Rapidly Evolving Viral Pathogens. PI: 2011-2014, $112,488
• National Science Foundation. FESD Type II: A Delta Dynamics Callaboratory. PI, 2011-2016, $198,546

Ennis, Don
• NASA Space Life and Physical Sciences Division. Co-PI, The Effect of Microgravity on Mycobacteria. Co-PI, 2013, $104,000 to PI for pilot studies, funding to UL Lafayette contingent on those results

Felder, Darryl
• U.S. Food and Drug Administration, Identification and barcoding of Global Commercially Marketed Decapod Crustaceans. D. Felder (PI), 2015-2016, (extension and augmentation), $50,326
• Gulf Research Initiative-II. The effect of sediment bioturbators on the biological degradation of petroleum in coastal ecosystems, Co-PI (P. Klers PI), 2012-2015, $1,025,091
• J. Bennett Johnston Science Fund. Infrastructural/equipment support for Macondo/BP oil spill related laboratory research, Parts I and II. PI, 2012-2013, $63,568
• Gulf Research Initiative-I. The Effects of the Macondo Oil Spill on Coastal Ecosystems: Shelf Macrobiota, PI, 2011-2015, $644,930
• U.S. Food and Drug Administration. Taxonomic Identification and COI Sequencing of Global Commercially Marketed Decapod Crustaceans. PI, 2011-2014, $126,647
• Gulf of Mexico Research Initiative. Stop-gap Sampling to assess the impact of the Deepwater Horizon Oil Spill on macroalgae and macrocrustaceans in the northern Gulf of Mexico. Co-PI (S. Fredericq, PI), 2011-2012, $93,093
• National Science Foundation. RAPID: Impacts of the Deepwater Horizon crude oil spill on the diversity of macroalgae and macrocrustaceans inhabiting deepwater hard banks in the Northwest, NorthEast and SouthEast Gulf of Mexico, Co-PI (S. Fredericq, PI), 2010-2012, $185,608

France, Scott
• NOAA-OER/University Corporation for Atmospheric Research. CAPSTONE Expedition: Pacific Marine Monuments and Sanctuaries, Scott France (PI), 2015, $23,885
• National Fish and Wildlife Foundation (NFWF). Development of a Method for DNA-based Identification of Black Corals from Skeleton Fragments, Scott France (PI), 2015, $12,443
• University Corporation for Atmospheric Research (NOAA-OER). Our Deepwater Backyard: Exploring Atlantic Canyons and Seamounts. PI, 2014, $19,614
• Continental Shelf Associates Subcontract on Boem Grant. Exploration and Study of Coral Communities of mid-Atlantic Deep-Water Canyons. PI, 2010-15, $310,000

Fredericq, Suzanne
• National Science Foundation. REU suppl. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life. CoPI, 2015, $12,500, ULL award: $6,250
• SURE/LA EPSCoR. A biodiversity study of red and green marine macroalgae emerging from rhodoliths collected offshore the Gulf of Mexico (with undergrad student Kailee Clinton). PI, 2014, $4,500
• Louisiana Board of Regents/EPSCoR PFUND: Pilot study for innovative explorations of algal community diversity associated with the rhodolith ecosystem in the Northwest Gulf of Mexico, LA. PI, 2014, $10,000
• National Science Foundation. REU suppl. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life. Co-PI, 2014, $12,500, $6,250 to Fredericq lab
• National Science Foundation. REU suppl. RUI: Collaborative Research: Marine algal diversity of Southern Central America. PI, 2013, $6,250
• National Science Foundation. REU suppl. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life. Co-PI, 2013, $12,500, $6,250 to Fredericq lab
• National Science Foundation. REU suppl. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life. Co-PI, 2012, $7,500, $3,750 to Fredericq Lab

• National Science Foundation. REU suppl., RUI: Collaborative Research: Marine algal diversity of Southern Central America. PI, 2012, $7,500

• Gulf of Mexico Research Initiative. The effects of the Macondo oil spill on coastal ecosystems. Co-PI (D.L. Felder, PI), 2011-2014, $644,939

• Gulf of Mexico Research Initiative. Stop-gap Sampling to assess the impact of the Deepwater Horizon Oil Spill on macroalgae and macrocrustaceans in the Northern Gulf of Mexico. PI, 2011-2012, $93,093

• National Science Foundation. RAPID: Impacts of the Deepwater Horizon crude oil spill on the diversity of macroalgae and macrocrustaceans inhabiting deepwater hard banks in the Northwest, Northeast and Southeast Gulf of Mexico. PI, 2010-2012, $185,608

• National Science Foundation. Collaborative Research, RedToL - phylogenetic and genomic approaches to reconstructing the Red Algal (Rhodophyta) Tree of Life. Co-PI, 2009-2014, $480,812, $32,000 to Fredericq lab

• National Science Foundation. Systematics of the Peyssonneliaceae (Peyssonneliales), a family of crustose marine red algae. PI, 2009-2013, $401,411

• National Science Foundation. Collaborative proposal: Marine algal diversity of Southern Central America. Co-PI, 2008-2013, $725,000, $112,500 to Fredericq lab

Hasenstein, Karl

• NASA (80NSSC17K0344) Assessment of nutritional value and growth parameters of space-grown plants. 2017 – 2020 $573,840

• Louisiana Space Grant Consortium: Starch Metabolism in Amyloplasts, 2016 – 2017, $6,000

• LA-BOR: Upgrading Particle-Induced X-Ray Emission Spectrometry at the Louisiana Accelerator Center, 2016-2017, $29,973

• NASA (EPSCoR) NNH13ZHA001C. Genetic Assessment of the Space Environment using MEMS Technologies. Co-PI, 2013-2016, $1,450,000; Hasenstein share: $360,000

• Louisiana Space Grant Consortium. Quantifying Root Gravitropism: Gene Expression Patterns in Brassica rapa at high spatial and temporal resolution, PI, 2013-2014, $5,000


Hester, Mark


• Louisiana Sea Grant/Louisiana CPRA, Coastal Science Assistantship Program. Interactive Effects of Nutrient and Hydrologic Regimes on Structuring Fresh and Intermediate Plant Communities. (PI), 2015-2018; $75,000
• U.S. Army Corps of Engineers/Louisiana CPRA. Coast 2050 Academic Advisor PPL-26. (PI) 2016; $3,000
• Louisiana Sea Grant/Louisiana CPRA, Coastal Science Assistantship Program. Effect of Coastal Salt Marsh Restoration Site Age and Substrate Type on Plant Community Dynamics, Soil Development and Shear Strength. Mark Hester (PI), 2015; $25,000
• U.S. Army Corps of Engineers/Louisiana CPRA. Coast 2050 Academic Advisor PPL-25. Mark Hester (PI) 2015; $3,000
• Louisiana CPRA. Comparison of Vegetation Communities within Barrier Island Restoration Projects of Varying Ages through the Development of a Vegetation Sampling Protocol for the Barrier Island Comprehensive Monitoring (BICM) Program. PI, 2013-2015, $288,600
• The Water Institute of the Gulf/Louisiana CPRA. 2013 Sediment Diversion Nutrient Dynamics Expert Panel. PI, 2013, $3,600
• The Water Institute of the Gulf/Louisiana CPRA. 2017 Coastal Master Plan Model Development and Application. Co-PI (J. Visser PI), 2013, $122,854
• U.S. Geological Survey/Southeast Climate Change Center. Ecological Implications of Mangrove Forest Migration in the Southeastern U.S. Co-PI, 2012-2015, $312,092; UL Lafayette award $96,969
• Louisiana Sea Grant/Louisiana CPRA. Coastal Science Assistantship Program (CSAP) Award (graduate student assistantship and intern support). PI, 2012-2015, $75,000
• BP Gulf Research Initiative LSU ORED. A Multidisciplinary Analysis of Linkages Among Wetland Vegetation, Rhizosphere Microbial Communities and Soil Stability in Response to Oiling. Co-PI, 2012-2015, $800,000, UL Lafayette award $225,322
• Louisiana Board of Regents Enhancement Program. Upgrading instrumentation for metal analysis in biological research and education at UL Lafayette. Co-PI (P. Klerks, PI), 2012-2013, $72,262
• U.S. Army Corps of Engineers/Louisiana CPRA. Coast 2050 Academic Advisor. 2008-2013, $18,000
• CALFED. Evaluating and Predicting Restoration Thresholds in Evolving Freshwater-Tidal Marshes. Co-PI, 2008-2013, $2,496,498; UL Lafayette award $201,752
• US EPA/Louisiana DNR. Enhancement of Barrier Island Vegetation Demonstration Project. PI, 2008-2012, $710,698

Johnson, Derek
• USDA Southern Region. PI. 2009-2012. $70,000

Klerks, Paul
• Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2018. PI, Brad Moon (CoPI), 2018-2023, $120,000
Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2017. PI, Brad Moon (CoPI), 2017-2022, $240,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2016. PI, Brad Moon (CoPI), 2016-2021, $240,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2014. PI, 2014-2019, $112,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2013. PI, 2013-2018, $224,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2012. PI, 2012-2017, $324,000

Gulf of Mexico Research Initiative. The effect of sediment bioturbators on the biological degradation of petroleum in coastal ecosystems. PI, 2012-2015, $1,025,091

Louisiana Board of Regents Enhancement Program. Upgrading instrumentation for metal analysis in biological research and education at UL Lafayette. PI, 2012-2013, $72,262

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2011. PI, 2011-2016, $324,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology for 2010. PI, 2010-2015, $208,000

Louisiana Board of Regents. Recruitment of superior graduate students in environmental and evolutionary biology. PI, 2008-2013, $192,000

Louisiana Board of Regents. Training doctoral fellows for research in wetlands restoration after hurricanes. PI, 2007-2012, $88,000

Krayesky, Sherry


Kulkarni, Ritwij (joined the faculty in 2016)

- Board of Regents-Research Competitiveness Subprogram. Secondhand cigarette smoke promotes virulence in upper airway bacteria. PI, 2017-2020 $ 244,915

Leberg, Paul

- Louisiana Restore Center of Excellence. Assessment of coastal island restoration practices for the creation of brown pelican nesting habitat. PI, 2017-2019, $299,733
- Louisiana Department of Wildife and Fisheries. Assessment of Back Barrier Marsh Creation Projects Ability to Provide Avian Habitat. PI, 2015-2017, $65,700

The Water Institute of the Gulf. Modeling Tools to Predict the Effects of Coastal Protection and Restoration Projects. PI, 2014, $45,711

LA Board of Regents Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2014-2019, $112,000

LA Board of Regents Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2013-2018, $224,000

LA Board of Regents Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2012-2017, $324,000

U.S. Geological Service. Assessment of Potential Responses of Piping Plover (Charadrius melodus), Co-occurring Migratory Shorebirds, and their Benthic Macro Invertebrate Prey, to barrier island restoration. PI, 2012-2015, $91,000

Louisiana Department of Wildlife and Fisheries. Influence of barrier island loss, local translocations, and the Deepwater Horizon oil spill on distribution and survival of Brown Pelicans in Coastal Louisiana. PI, 2012-2014, $76,150

LA Board of Regents Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2011-2016, $208,000

National Science Foundation. Relative impacts of the Macondo Oil Spill on Brown Pelican population biology? Co-PI, 2011-2014, $199,000 total award, $43,000 to Leberg lab


LA Board of Regents Graduate Fellows Program. CO-PI, (P. Klerks, PI), 2010-2015, $200,000

Mire, Patricia

National Science Foundation/BOR EPSCoR SURE Cell Signaling during development of Cnidocytes in Sea Anemones. PI, 2014-2015, $4,500

Moon, Brad

Louisiana Board of Regents, Traditional Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2018–2023, $120,000

Louisiana Biomedical Research Network Analysis of Amphibian Skin Secretions. PI, 2017. $7,500

Louisiana Board of Regents, Traditional Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2017–2021, $240,000

Louisiana Board of Regents, Traditional Graduate Fellows Program. Co-PI, (P. Klerks, PI), 2016–2020, $240,000

National Science Foundation. Mechanics and energetics of muscle–tendon systems. PI, 2008–2013, $284,015
Mopper, Susan
- COYPU Foundation, The role of native plants in preserving pollinator abundance and diversity. 2017-2018, $79,819
- COYPU Foundation, Conserving pollinators and wildlife with coastal prairie plants. PI, 2017, $82,843
- COYPU Foundation, Effects of Invasive plant on insect pollinators. PI, 2014-2015, $55,000
- COYPU Foundation, Research and Propagation of Native Plants for Conservation, Pollinator Preservation, and Sustainable Agriculture. PI, 2013-2014, $51,899
- U.S. Department of Agriculture. Louisiana Native Plant Initiative. PI, 2010-2012, $40,000

Neigel, Joseph
- National Science Foundation. CC*IIE Networking Infrastructure: Cyberinfrastructure - Creation of Science DMZ at UL Lafayette, Co-PI. 2014. $491,513
- Gulf of Mexico Research Initiative. The environmental effects of an oil spill on Blue Crabs in the Gulf of Mexico and the dynamics of recovery: Integrating oceanography and molecular ecology. PI, 2013-2017, $1,366,817
- Post-Katrina support fund initiative. The LONI Institute. Co-PI. 2007-2013, $7,000,000. FYI-Funds were not used to support individual research projects, but to build departmental capabilities on five campuses in Louisiana, approximately $300,000

Nelson, James
- Louisiana Seagrant Core Submission; Development of Restoration Assessment Tools and Educational Products with Drones 2018-2020. PI, $186,000
- National Science Foundation Directorate for Biological Sciences (BIO) Division of Environmental Biology. Collaborative Research: Ecosystem Evolution and Sustainability of Nutrient Enriched Coastal Saltmarshes 2014-2017. Co-PI, $1,651,146. Amount to Nelson Lab–approximately $160,000

Povinelli, Daniel
- McDonnell Center for Systems Neuroscience, New Resource Proposal. Washington University in St. Louis School of Medicine, Co-PI, 2015, $40,000
- The Farrel Fund (Private Foundation) Internal Washington University in St. Louis Pilot Grant. Two-person DOT neuro-imaging. CoPI, 2010-2012, $8,225 to Povinelli lab

Robinson, Kelly (joined the faculty in 2016)
- National Science Foundation Biological Oceanography Program. Collaborative: RAPID: Response of plankton assemblages and trophodynamics to a historic, hurricane-induced floodwater plume in a subtropical, pelagic environment. PI, 2017 –2018. $94,446 ($199,978 total)
• Institute for Coastal and Water Research (ICaWR), Tracking season variability in plankton abundance, community structure, and trophic energy in Terrebonne Bay, PI, 2017 –2018. $5,000
• Gulf of Mexico Research Initiative (GoMRI), Deep-pelagic plankton dynamics: trophic ecology, community structure, and connectivity with the upper ocean, Co-PI, 2018 –2020, $264,413

Rodriguez-Lanetty, Mauricio
• National Science Foundation – Biological Oceanography, Exploring the Acclimatization and Adaptation Potential of Tropical Reef Corals to Global Climate Change. PI, 2009-2012, $385,984

Smith, Karen
• NIMH K01 Mentored Training Grant, The Role of Astrocytes in Cortical Interneuron Development. PI, 2009-2014, $676,159
• NARSAD Young Investigator Award, Postnatal Inhibitory Neuron Maturation. PI, 2009-2014, $60,000

Stauffer, Beth (joined the faculty in 2015)
• NSF RAPID, Collaborative Research: RAPID: Response of plankton assemblages and trophodynamics to a historic, hurricane-induced floodwater plume in a subtropical, pelagic environment, 2017-2018, $94,446
• ICaWR Pilot Project Funding, Oyster feeding and selectivity with hydrologic restoration-induced changes in phytoplankton prey communities, PI, 2017-2018, $4,846
• ICaWR Pilot Project Funding, Terrebone Bay plankton communities. CoPI, 2017-2018, $4,986
• Louisiana Sea Grant, Investigating the Potential Impacts of Restoration Activities on Phytoplankton Communities in the Atchafalaya-Vermilion Bay System (Graduate Assistantship). PI, 2016-2018, $70,000
• NOAA, NATIONAL OCEAN SERVICE, The Alliance for Coastal Technologies: National-Scale Efforts Toward Verification and Validation of Observing Technologies. Beth Stauffer (Subcontract Co-PI), 2015-2016, $50,000

Wang, Yi-Hong
• The McIlhenny Company. Development of DNA Markers to Detect Genetic Impurities in Tabasco® Products, PI, 2017-2018, $29,984
• USDA, National Institute of Food and Agriculture. Building capacity for research, outreach and teaching in food, agriculture and natural resources at the University of Louisiana at Lafayette. PI, 2014-2016, $116,226
• LA EPSCoR-PFUND. Mapping glucose conversion yield for increased biofuel production in sorghum. PI, 2012-2013, $9,820

Publications, Presentations, Editorships, and Talks

Books Published

2015

2012

Edited Volumes


Journal Publications


135. Camacho, O., L. Mattio, S. Draisma, S. Fredericq and G. Diaz-Pulido. 2015. Morphological and molecular assessment of Sargassum (Fucales, Phaeophyceae) from Caribbean Colombia, including the proposal of S. giganteum sp. nov., Sargassum schnetteri comb. nov., and Sargassum section Cladophyllum sect. nov. Systematics and Biodiversity 13:105-130.

136. Camacho, O., L. Mattio, S. Draisma, S. Fredericq and G. Diaz-Pulido. 2015. Morphological and molecular assessment of Sargassum (Fucales, Phaeophyceae) from Caribbean Colombia, including the proposal of S. giganteum sp. nov., Sargassum schnetteri comb. nov., and Sargassum section Cladophyllum sect. nov. Systematics and Biodiversity 13:105-130.


Outlier Boundary for Arbitrary Distributions.” Theoretical Mathematics & Applications 5(4) 1-12.


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289. Penn, D.C., K.J. Holyoak and D.J. Povinelli. 2012. So are we the massively lucky species? Behavioral and Brain Sciences. 35:236-237


**Chapters in Books and Published Proceedings**

2017


2016


2015


2014


2013


2012


Invited Seminars, Plenary and Keynote Presentations

Note: This list does not include the dozens of contributed presentations at professional conferences on which our faculty are authors each year.

Albert, James
- Third meeting of Amazonian Fishes and Climate Change (AmazonFish), PERU, 2017
- Department of Biological and Environmental Sciences, International Symposium on Phylogeny & Classification of Neotropical Fishes. BRAZIL, 2017
- University of Gothenburg, Goteborg, SWEDEN, 2017
- St. Cloud State University, MN, 2017
- International Biogeography Society, Tucson, AZ, 2017
- Society Study of Evolution, São Paulo, Brazil, 2015
- Southeastern Louisiana University, Hammond, LA, 2014.
- Barrier (not Areas) Constrain Diversification in Continental Biotas. Southeastern Louisiana University, Hammond. 2014.
- Barrier (not Areas) Constrain Diversification in Continental Biotas. Southeastern Louisiana University, Hammond. 2014.
- Department of Biological and Environmental Sciences, University of Gothenburg, Goteborg, SWEDEN, 2013
- Universidade Estadual Paulista, Instituto de Biociências, Botucatu, Sao Paulo, BRAZIL, 2013
- XII Congreso Colombiano De Ictiología, Keynote address, Bogotá, COLOMBIA, 2013
- Biogeografia de peixes Neotropicais. Brazilian Ichthyological Society, Maringá, BRAZIL, 2013
- Brazilian Ichthyological Society, Maringá, BRAZIL, 2013

Bauer, Raymond
- Reunión Nacional Alejandro Villalobos (Society of Mexican Carcinologists), Plenary Speaker, Merida, MEXIQC 2016
- The Crustacean Society/Association of Latin American Carcinologists meetings, Plenary Speaker, San José, COSTA RICA, 2013
- Congreso Latinoamericano de Macroinvertebrados Aquaticos. Plenary Speaker, San José, COSTA RICA, 2012

Chlan, Caryl (Retired 2017, Adjunct)
- American Society for Plant Biology Southern Section, Dauphin Island Marine Lab, 2015
Duke-Sylvester, Scott

- Baton Rouge Audubon Society Meeting, Baton Rouge, LA. 2017
- American Geophysical Union Fall Meeting, New Orleans, LA. 2017
- LSU Department of Renewable Resources. Baton Rouge, LA, 2013

Ennis, Don

- NIH Sponsored Aquatic Models for Human Diseases Conference, University of Alabama Birmingham, Invited Chair for the Immunology and Infectious Diseases Session and Invited Speaker, 2017.
- Baylor College of Medicine, Department of Molecular and Human Genetics, Invited Speaker, Houston, TX, 2017
- University of Washington, Department of Microbiology, Seattle, WA, 2016
- NIH-sponsored Many Hosts of Mycobacteria Conference VI, Tulane Primate Center, Covington, LA, 2015 – invited Speaker “When are Non-Tuberculosis Mycobacteria Commensals Sensitizing Versus Pathogens?”
- Annual Conference of the South Central Branch of the American Society for Microbiology, Hattiesburg, MS, September 17-19, Invited Speaker, “Analyses of Gene Expression Profiles in Mycobacterium marinum in an Activated Virulent State.”
- Department of Microbiology, Immunology and Parasitology, Louisiana State University School of Medicine, New Orleans, LA, 2014
- NIH-sponsored 7th Aquatic Animal Models for Human Diseases Conference, Austin, TX 2014
- International Workshop on The Medaka Model for Assesment of Human Diseases, San Marcos, TX, 2014
- Center for TB Research, Johns Hopkins University School of Medicine, Baltimore, MD, 2013
- Department of Biological Sciences, Louisiana State University, Baton Rouge, LA, 2013
- Department of Biology, University of New Mexico, Albuquerque, NM, 2013
- Division of Infectious Disease and Vaccinology, University of California, Berkeley, CA, 2012
- Post Genomic Opportunities in Tuberculosis and other Mycobacterial Diseases Conference, Garh Mukteshwar, India, 2012
- Department of Biology, Indiana University, Bloomington, IN, 2012
- Institute of Molecular Biology, University of Oregon, Eugene, OR, 2012
- The Fifth NIH Many Hosts of Mycobacteria Conference, Bethesda, MD, 2012
- Biology in the Commemoration Event for the 50th Anniversary of the Portland State University Graduate School, 2012
- Louisiana Mycobacteria Symposium, Tulane National Primate Research Center, Invited Speaker, Covington, LA, 2012
Felder, Darryl
- Assessment of the “Deepwater Horizon” oil spill on shelf and slope decapod crustaceans in the Gulf of Mexico [invited seminar by D. L. Felder] Laboratório de Bioecologia e Sistemática de Crustáceos (LBSC) Departamento de Biologia da Faculdade de Filosofia Ciências e Letras de Ribeirão Preto (FFCLRP) Universidade de São Paulo (USP), Brazil, 26 November 2014
- Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans, LA, 2013
- International meeting of The Crustacean Society and Latin American Association of Carcinology, San Jose, COSTA RICA, 2013

France, Scott
- 6th International Symposium on Deep-Sea Coral. Plenary Speaker, Boston, MA, 2016

Fredericq, Suzanne
- Invited Plenary Speaker at the XI Congreso de Ficología de Latinoamerica y el Caribe, IX Reunión Iberoamericana de Ficología, Universidad de Valle, Santiago de Cali, Colombia, 2017
- Invited Plenary Speaker at the International Rhodolith Meeting, San Jose, Costa Rica, July 28, 2015
- LSU Baton Rouge, 2014
- Gulf of Mexico Oil Spill and Ecosystem Science Conference, Mobile, AL, 2014
- Chosun University, KOREA, 2013
- Gulf of Mexico Oil Spill and Ecosystem Science Conference, New Orleans, LA, 2013

Hasenstein, Karl
- East Tennessee State University, four public talks: 2/6; 3/2; 3/28; 4/24
- East Tennessee State University, Keynote address at the 2017 Appalachian Student Research Forum (4/12/17)
- Council of Space Research (COSPAR) Moscow, Russia: Anaerobic metabolism in Brassica seedlings, 2014
- University of Mississipp (PI), Oxford, MS, 2013
- Northeast Forestry University, Harbin, China, 2013

Hester, Mark
- Society of Wetland Scientists. San Juan, PUERTO RICO, 2017
- 10th INTECOL International Wetlands Conference. Changshu, CHINA, 2016
- 9th Aoshan Forum on Effects of Climate Change and Associated Environmental Drivers on Coasts and Wetlands. Qingdao CHINA, 2016
• State of the Coast Meeting. Invited presentation, New Orleans, LA, 2016
• National Academies of Science. New Orleans, LA, 2015
• Ecological Society of America. Baltimore MD, 2015
• LSU Oceanography and Coastal Sciences, Baton Rouge, LA, 2013
• Bay Delta Science Conference, Sacramento, CA, 2012
• USGS Mangrove Expansion Workshop, Lafayette LA, 2012

Klerks, Paul
• LSU College of the Coast and Environment, Baton Rouge, LA, 2017
• Institute of Applied Ecology, Chinese Academy of Sciences, Shenyang, P.R. China, 2014

Krayesky, Sherry
• Sally Ride Science Academy, Train the trainer program, Lafayette, LA, 2012.

Kulkarni, Ritwij
• Effects of cigarette smoke exposure on the pathophysiology of bacterial respiratory tract infections. Department of Microbiology, MES’ Abasaheb Garware College, Pune, India. July 11, 2017
• Effects of cigarette smoke exposure on the virulence of respiratory tract pathogens. Department of Microbiology, Fergusson College, Pune, India. July 17, 2017
• Annual meeting of South-central branch of American Society of Microbiology. UL at Lafayette, LA 2016

Leberg, Paul
• Louisiana Department of Wildlife and Fisheries, Invited Speaker, Baton Rouge, LA 2017.
• College of Natural Resources, Louisiana State University, Baton Rouge, LA, 2016
• Savannah River Ecology Lab, Aiken, SC, 2013
• USGS Mangrove Expansion Workshop, Lafayette, LA, 2012
• Black-capped Vireo Symposium, Austin, TX, 2012

Moon, Brad
• Austin Herpetological Society, Texas, 2016
• Austin Herpetological Society, Texas, November 2015
• East Texas Herpetological Society, September 2015
• Brattstrom Lecture, Saddleback College, Mission Viejo, CA, 2013

Mopper, Susan
• Dalian National University, Dalian, CHINA, 2016
• University of Tennessee, Department of Ecology and Evolutionary Biology, Knoxville, TN, 2013

Neigel, Joseph
• Oregon Institute of Marine Biology, Coos Bay, OR, 2014.
• Evolution and Ecology Department, Tulane University, New Orleans, LA, 2013
• Biology Department, Salisbury University, Salisbury, MD, 2013

Nelson, James (joined the faculty in 2015)
• LUMCON, Cocodrie, LA, 2017
• Louisiana State University, Baton Rouge, LA, 2017
• University of South Florida, St. Petersburg, FL 2017

Pesacreta, Thomas
• University of Southeastern Louisiana, Hammond, LA, 2013

Povinelli, Daniel
• The van leer Jerusalem Institute and the Hebrew University of Jerusalem. “Animal agency as a solution to the problem of animal rationality” June 19-21, 2017, Jerusalem, Israel,
• University of Tartu, Institute for Cultural Research, Animal Folklore: Just Read the Science?”, Folklorists Are Fallible Conference, June 10, 2017, Tartu, Estonia
• American Folklore Society, Invited Speaker, Miami, FL, 2016
• German Primate Center, Special 90-minute lecture/performance with Joshua Smith Göttingen, GERMANY, 2016
• 6th IMPRS NeuroCom Summer School (What makes us human?), Max Planck Institute for Human Cognitive and Brain Sciences, Keynote Closing Speaker, Leipzig, GERMANY, 2016
• New York University, Center for the Study of Human Evolution, Invited colloquium: “Anthropomorphomania”, December 10, 2015, New York, NY
• Washington University, Philosophy-Neuroscience-Psychology Program, Work-Progress Colloquium: “Two ways of acting for reasons” November 20, 2015 (with Caroline T. Arruda), St. Louis, MO
• Berlin School of Mind and Brain, Invited Mind-Brain Lecture, July 9, 2015, Berlin, Germany
• Central European University, Department of Cognitive Science, Special Invited Colloquium: "Foundational problems in the study of human infant and chimpanzee cognition," June 29, 2015, Budapest, Hungary
• Aegina Summer School 2015: The social self: How social interactions shape body and self-representations (organized by the Center for the Study of the Senses, Institute of Philosophy, University of London and Royal Holloway University London), Invited speaker and Instructor, June 21-17, 2015, Aegina, Greece
• PNP Medical School Lunchtime Talk Series, "Toward empirically adequate, well-grounded models of higher-order reasoning in animals" March 18, 2015, St. Louis, MO
• Washington University, Department of Psychology, Invited Guest Colloquium, “How the chimpanzee got its theory of mind without even trying” February 23, 2015, St. Louis, MO
• Washington University in St. Louis School of Medicine (with Susan Fitzpatrick), “On the rise of autism and its early detection: Experimental, social, and ethical implications.” February 9, 2015, St. Louis, MO
• Bard College, Annandale-on-Hudson, NY, 2013
• University of Missouri, Columbia, MO, 2013
• University of Texas at El Paso, Departments of Anthropology, Psychology and Philosophy, El Paso, TX, 2013
• Department of Psychiatry, Washington University in St. Louis, 2013
• UCSD/Salk Institute, CARTA symposium, La Jolla, CA, 2013 [Broadcast on UCSD Television]
• American Museum of Natural History, New York, NY, 2012
• USCD/Salk Institute, CARTA symposium, La Jolla, CA, 2012 [Broadcast on UCSD Television]

Smith, Karen
• Mouse Identification Techniques. Louisiana Branch AALAS meeting 2016

Stauffer, Beth
• National Water Monitoring Conference, Tampa, FL, 2016
• University of West Florida, Department of Biology, Pensacola, FL, 2016
• Phytoplankton blooms: Thoughts on an evolving definition. Louisiana State University Museum of Natural Science, Baton Rouge, LA. October 2015
• Plankton and hypoxia: Complex feedbacks on physiology and community structure. Public workshop on hypoxia in the Gulf of Mexico, Lafayette, LA. October 2015
• Not your Mother's Bloom: Thoughts on an Evolving Definition. Southeast Louisiana University, Biology Department, Hammond, LA. September 2015

Watson, Glen
• Whitney Laboratory for Marine Bioscience, St. Augustine, FL. 2015

Other

External Awards/Honors

Bauer, Ray
• AAAS Fellow, by Council for the American Association for the Advancement of Science, 2002-present
• Fulbright-Brazil Scientific Mobility Program Distinguished Chair Award, 2014
• The Crustacean Society Lifetime Excellence in Research Award, 2012

Ennis, Don
• NIH Travel Award to attend and participate in the Many Hosts of Mycobacteria Conference VI, Tulane Primate Center, Covington, LA March 25-27, 2015
• NIH Travel Award to attend and participate in the 7th Aquatic Animal Models for Human Diseases Conference, Austin, TX, 2014
• Travel Award to attend and participate in the International Workshop on The Medaka Model for Assessment of Human Diseases, San Marcos, TX 2014.
• NIH Travel Award to attend and participate in the 6th Aquatic Animal Models for Human Diseases Conference, Milwaukee, WI, 2013
• American Society for Microbiology Travel Award to attend the ASM General Meeting, San Francisco, CA, 2012
• WHO Indo-Swedish Biomedical Alliance Travel Award to attend a Mycobacterial Diseases Conference, 2012 Garh Mukteshwar, India, 2012

Felder, Darryl
• Re-appointed 3-year term (2016) Associate Research Scientist, Smithsonian Institution, National Museum of Natural History, IZ, Washington, D.C.
• Newly Appointed (2014), Collaborating Research Scientist, Smithsonian Institution, Fort Pierce Marine Laboratory, Florida
• Elected AAAS Fellow, by Council for the American Association for the Advancement of Science, 2002-present

Fredericq, Suzanne
• Elected Editorial Board Member, Journal of Phycology (2017-2020)
• Elected Member, Board of Directors of the International Phycological Society, 2016-current
• Scientific Committee Member, 5th International Rhodolith Workshop, San Jose, Costa Rica, 2015
• Member of Communication Committee, Phycological Society of America, 2011-2015
• Research Associate, Museum of Natural History, Smithsonian Institution, 2009-present
• Naming of new red algal genus, Fredericqia, in my honor, 2013
• NOAA Cadre of Algologists expert, 2008-present

Hasenstein, Karl
• Nomination for East Tennessee State University Basler Chair of Excellence (Spring 2017)

Klerks, Paul
• Exceptional Reviewer of 2016 for Environmental Toxicology and Chemistry.
• Exceptional Reviewer of 2015 for Environmental Toxicology and Chemistry.
• Exceptional Reviewer of 2014 for Environmental Toxicology and Chemistry.

Krayesky, Sherry
• Outstanding undergraduate research mentor Hoshaw Travel Award fund to attend the Phycological Society of America Annual Meeting Teacher Appreciation: National Association of Black Engineers

Mopper, Susan (Retired 2017, Emerititia)
• Senior Ecologist, Ecological Society of America, 2005-present
Leberg, Paul
- Best Publication Award related to Wildlife Biology (co-author), Louisiana Association of Professional Biologists, 2012
- Best Publication Award related to Fisheries (co-author), Louisiana Association of Professional Biologists, 2012

Mopper, Susan
- Senior Ecologist, Ecological Society of America, 2005-present

Povinelli, Daniel
- Elected Fellow, Association for Psychological Science, 2008-present

Robinson, Kelly (joined the faculty in 2016)
- LA DIA Fellow, Louisiana Sea Grant College Program, 2017-2018
- ICaWR Fellow, Institute of Coastal and Water Research, 2017-Present

Sigel, Erin (joined the faculty in 2017)
- LA DIA Fellow, Louisiana Sea Grant College Program, 2017

Stauffer, Beth
- LA DIA Fellow, Louisiana Sea Grant College Program, 2016-2017
- Early Career Travel Award, ASLO Summer Meeting, 2016

Professional Society Offices Held

Clement, Terry
- Member of Board of Directors, South Louisiana Mid-Winter Fair Association, 2008-2013
- Member of Board of Directors, Acadiana District Livestock Association, 2008-2013

Deaton, Lewis
- Member at Large, Executive Committee of the National Shellfisheries Association, 2015-2018

Ennis, Don
- Organizer and Scientific Chair for South Central Branch of the American Society for Microbiology Annual Meeting, 2016
- Associate Councilor for the South Central Branch of the American Society for Microbiology 2013-2016.
- Associate Counselor for the South Central Branch American Society for Microbiology, 2014.
- Counselor in the National Governing Body for the American Society for Microbiology, 2010-2013
• Chair of the South-Central Branch Committee for membership recruitment of graduate students and post-docs into American Society for Microbiology, 2009-2013

**Fredericq, Suzanne**
• Member, Board of Directors of the International Phycological Society, 2016-2019

**Klerks, Paul**
• Past President, South-Central Chapter of Society of Environmental Toxicology and Chemistry, 2016-2017
• Vice President and President, South-Central Chapter of Society of Environmental Toxicology and Chemistry, 2014-2016

**Moon, Brad**
• Board of Trustees Member, The Herpetologists’ League, 2009-2013

**Nelson, James**
• Coastal and Estuarine Research Federation Membership Council 2017

**Stauffer, Beth**
• Ruth Patrick Award Committee Member, Association for the Sciences of Limnology & Oceanography, 2016-2019

**Journal Editorship**

**Albert, James**
• Associate Editor, Systematic Biology, 2015-2016
• Editorial Board member, Checklist of Freshwater Fishes of South and Central America, 2009-2014
• Editorial Board member, FishBase (ICLARM / FAO), 2009-2014

**Bauer, Ray**
• Associate Editor, Journal of Crustacean Biology, 2010-present
• Associate Editor, Sexual and Embryo Development of Aquatic Organisms

**Brown, Roy**
• Editorial Board, Journal of Plant Research, 2009-Present

**Chistoserdov, Andrei**
• Editorial board member, ISRN Biodiversity, 2013-present
• Associate Editor (Bacteriology) of Journal of Microbial Genetics and Evolution, 2013-present

**Deaton, Lewis**
• Editorial Board member, Journal of Shellfish Research, 2015-2017

**Felder, Darryl**

**Fredericq, Suzanne**
• Editorial Board Member, Journal of Phycology, 2017-2020

**Felgenhauer, Bruce**
• Editorial Board, Southeastern Naturalist, 2012

**Hasenstein, Karl**
• Associate Editor: Advances in Space Research, 2006–2016
• Associate Editor: Advances in Botany 2014-2016
• Associate Editor: Advances in Life Sciences Research 2013 - present

**Klerks, Paul**
• Editorial Board member, Environmental Toxicology and Chemistry, 2013-Present

**Kulkarni, Ritwij**
• Web Director for American Thoracic Society (ATS) assembly on MTPI (Microbiology, Tuberculosis and Pulmonary Infections)—appointed 2016-2018

**Leberg, Paul**
• Advisory Editorial Board, Conservation Genetics, 2010-Present
• Editorial Board, Southeastern Naturalist, 2011-Present

**Moon, Brad**
• Editor-in-Chief, Herpetologica, 2009-2014
• Guest Editor, Herpetological Monographs, 2013
• Interim Editor-in-Chief, Herpetological Monographs, 2011-2012

**Neigel, Joseph**
• Editorial Review Board, Conservation Genetics, 2009-2012

**Povinelli, Daniel**
• Understanding Human Cognition Advisory Board, Scholar Awards Reviewer, 2016-2017
• Special Advisor to the President, James S. McDonnell Foundation, 2014-2016
• Chimpanzee Advisory Council, Yerkes National Primate Center, 2009-2015
• Scientific Advisory Board member, Review of Philosophy and Psychology, 2009-present
Smith, Karen
- Review Editorial Board member, Frontiers in Child and Neurodevelopmental Psychiatry, 2012-present

Stauffer, Beth
- Ruth Patrick Award Committee Member, Association for the Sciences of Limnology and Oceanography, 2016-present

Other Major Professional Activities

Albert, James
- Instructor for short course, Pontifica Universidad Javeriana, Bogota, Colombia, 2013
- Instructor for short course, Museo de Historia Natural, Lima, Peru, 2012

Bauer, Ray
- Instructor for short course, Universidad Nacional Autónoma, Merida, MEXICO, 2016
- Instructor for short course, Universidade Estadual Paulista São Paulo (UNESP), Botucatu and Ubatuba, Brazil, 2014.
- Instructor for short course Universidad Autónoma de Sinaloa, Mazatlan, Mexico, 2014
- Instructor for short course, Universidade Estadual Paulista (UNESP), Brazil, 2012
- Instructor for short course, University of Costa Rica, San Jose, Costa Rica, 2012

Deaton, Lewis
- Organizer, Symposium on invasive molluscs, National Shellfisheries Association meeting, Jacksonville, FL, 2014
- Panelist, National Science Foundation Review Panel for Organismal-Environmental Interactions-Animal pre-proposals, 2013

DeRamus, Alan
- Executive Secretary/Manager, South Louisiana Mid-Winter Fair Board of Directors, 2012-2016

Duke-Sylvester, Scott

Ennis, Don
- Organizing Committee and Session Chair for The NIH-Sponsored Eighth Aquatic Animal Models of Human Diseases, University of Alabama, Birmingham, (Held in January 7-12, 2017)
- Executive Committee for the Wind River Conference on Prokaryotic Biology, 2008-2015
• Organizer and Treasurer of The Sixth NIH-Sponsored, Many Hosts of Mycobacteria Conference: A Comparative Mycobacteriology Symposium, Covington, LA, 2014
• Animal Health Grant Review Study Panel Member, U.S. Department of Agriculture, 2011-2015
• Organizer, Chair for the Scientific Program and Treasurer of The Fifth NIH-Sponsored, Many Hosts of Mycobacteria Conference, Bethesda, MD, 2012

Felder, Darryl
• Scientific Team Member, Smithsonian Deep Reef Observation Project (DROP), submersible studies, Curacao, (8 days), 2014; (15 days) 2015; (10 days) 2016
• Scientific Team Member, Smithsonian CURASUB project, Dominica (9 days) 2016
• Visiting field researcher, Carrie Bow Cay, Belize, Smithsonian Institution, Caribbean Coral Reef Ecology Laboratory, (8 days), 2014; (15 days) 2015; (8 days) 2016.
• Visiting Associate Research Scientist, National Museum of Natural History—DIZ, Smithsonian Institution, Washington, including work at USNM on site (2 weeks) May 2014; (2 weeks) May 2015; (2 weeks) April 2016.
• Visiting field researcher, Carrie Bow Cay, Belize, Smithsonian Institution, Caribbean Coral Reef Ecology Laboratory, April-May (8 days), 2014; (15 days) 2015
• Visiting associate scientist, National Museum of Natural History-DIZ, Smithsonian Institution, Washington, May (2 weeks), 2014; (2 weeks) May 2015
• Visiting field/lab researcher and collaborating research scientist - Smithsonian Institution Fort Pierce (FL) Marine Laboratory, June (2 weeks), 2014; (2 weeks) 2015
• Chief Research Scientist, Eastern Gulf of Mexico research cruise, R/V Pelican, September (10 days), 2014
• Scientific Team Member, Smithsonian Deep Reef Observation Project (DROP), submersible studies, Curacao, September (8 days), 2014; (15 days) 2015
• Visiting field/lab researcher and associate scientist - Smithsonian Institution Ft. Pierce (FL) Marine Laboratory, October (1 week), 2014
• Research Team Member, Axiidean Phylogenetics Workshop, Ribeirão Preto, Brazil November-December (2 weeks), 2014
• Workshop Team Invited Presentation and Discussion Leader: Shelf macrofauna/macroflora: Task 4, Continental Shelf Effects. All-hands Workshop, GoMRI Coastal Waters Consortium, New Orleans (session Leader, and presenter with S. Fredericq and H. Bracken-Grissom), 2013.
• Invited field workshop leader and seminar speaker: Studying decapod crustaceans in the aftermath of the Deepwater Horizon spill. LUMCON-GoMRI Marine Education High School Program, Cocodrie, LA, 2013

France, Scott
• Science Advisor to NOAA Office of Ocean Exploration & Research Okeanos Explorer program, 2017-18
• Member of the Steering Committee for 6th International Symposium on Deep-Sea Corals, Boston, MA, 2016
• NOAA OER Okeanos Explorer Annotation Advisory Group member, 2016
• Senior Scientist, NOAA Ship Okeanos Explorer expedition "Our Deepwater Backyard: Exploring Atlantic Canyons and Seamounts" providing on-air expertise and commentary for live streaming video (Sept 18 - Oct 6), organized by NOAA Office of Ocean Exploration, 2014

Fredericq, Suzanne
• Re-appointment: Smithsonian Institution Research Associate (2016-2019)
• Appointment: Temporary Member of the Graduate Faculty of The University of Alabama (2015-2018)
• Instructor in Tropical Field Phycology course at STRI’s Bocas del Toro Research Station, 2015
• Member, Phycological Society of America Outreach Committee Member, 2011-present
• Co-Chair, Phycological Society of America/International Phycological Society session Corallinales. Orlando, FL, 2013
• Organization of major scientific expeditions nationally and internationally, 2009-2013
• Session Co-Chair, GoMRI conference. New Orleans LA, 2013
• Organization of Tropical Phycology workshops and courses, STRI, Panama, 2009-2012
• Latin translator for new algal taxa, 2009-2012

Hasenstein, Karl
• NSERC review and panel member. Ottawa, Canada, 2015, 2016, 2017, 2018
• Main Scientific Organizer. COSPAR section F1.1 Moscow, Russia, 2014
• Panelist. NASA Flight panel (Chair), 2013
• Panelist. NASA Flight panel, 2012
• Main Scientific Organizer. COSPAR section F1.1 Mysore, India, 2012

Hester, Mark
• External Doctoral Committee Examiner. University of Technology Sydney, Australia (Plant Functional Biology and Climate Change Cluster), 2016
• Technical Working Group (TWG) Coastal Ecology representative for the Louisiana Center of Excellence (CoE), 2016
• National Academies of Science Panel member. Gulf of Mexico Restoration Activities, 2015
• NOAA Lead Scientific Advisor for Coastal Wetland Vegetation Assessment (NRDA) in the aftermath of the Deepwater Horizon Oil Spill, 2010-2013
• USGS/National Wetlands Research Center Brown Marsh Advisory Committee Member, 2009-2015
• Member. Women in Wetlands Mentoring Program, Society for Wetland Scientists, 2009-2015
• Scientific advisor. Louisiana Region 3 Planning Team, Coast 2050, 2009-2015
• Scientific Research Advisory Committee Member. Lake Pontchartrain Basin Foundation, 2009-2015
• External Doctoral Committee Review Member. Asian Institute for Technology 2009-2015
• Scientific Advisory Committee Member. Strategic Plan for Northern Gulf of Mexico SET-MH Network, 2009-2013

Klerks, Paul
• Visiting Professorship for Senior International Scientists for summer 2014. Institute of Applied Ecology, Chinese Academy of Sciences

Kulkarni, Ritwij
• Panel member for Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP), Respiratory Health Online Reviewer September 2016
• Panel member (Teleconference Reviewer) for Department of Defense (DoD) Congressionally Directed Medical Research Program (CDMRP), Lung Disease and Injury December 20-21, 2016
• Panel member (in person study section) Flight Attendant Medical Research Institute (FAMRI), Chronic Rhinosinusitis Panel, Reston, VA December 13-15, 2016

Leberg, Paul
• Gulf Coast Joint Venture Waterbird Working Group Member, 2014-Present

Moon, Brad
• Invited member of Reptile and Amphibian Task Force. Louisiana Department of Wildlife and Fisheries, 2012-present
• Conference Organizer. Ernest A. Liner Louisiana Herpetology Conference, 2013

Mopper, Susan
• Visiting Professorship, Dalian National University, Dalian, China, 2016

Neigel, Joseph
• Member. Louisiana Optical Network Initiative Institute (LONI-I) Leadership Committee, 2009-2013

Povinelli, Daniel
• Member. NIH Council of Councils Working Group on the Use of Chimpanzees in NIH-Supported Research, 2012 - 2013
• National Project Director. National Chimpanzee Observatories Initiative, 2009 - 2013
• Featured in Surviving Progress, a film from executive producer Martin Scorsese, 86 min, 2012
- Featured in *Through the Wormhole* (Season 3, “Did we invent God?”), produced and starring Morgan Freeman, 2012

**Robinson, Kelly (joined the faculty 2016)**
- Reviewer, National Science Foundation Biological Oceanography Program
- Reviewer, Marine Ecology Progress Series

**Schmidt, Will**
- Grants-in-Aid of Research Committee Member, Phycological Society of America, Continued Appointment, 2016, 2017

**Stauffer, Beth**
- Panel Reviewer, NOAA ECOHAB program, 2017
- Session co-organizer, “Scales of variability in aquatic environments: are some more important than others?,” ASLO Aquatic Sciences Meeting, Honolulu, HI, 2017
- Advisory Council Member, Louisiana Universities Marine Consortium (LUMCON), 2016-present
- Co-organizer, Coastal Connections competition at UL Lafayette in collaboration with Louisiana Sea Grant, 2016-2017
- Special issue co-organizer, “Continuous nutrient sensing in research and management: applications and lessons learned across aquatic environments and watersheds,” Journal of Water Resources Research, 2016-present
- Advisory Council Member. Tulane Nutrient Reduction Challenge, 2015
- Technical Advisory Committee Member. ACT Performance Verification of Variable Fluorescence, invited participant to verification testing protocol workshop, 2015.

**Graduate Student Production**

**Ph.D. Students who graduated**

<table>
<thead>
<tr>
<th>Student name</th>
<th>Advisor</th>
<th>Year of Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>John, Susan</td>
<td>Hasenstein</td>
<td>2017</td>
</tr>
<tr>
<td>Jones, Landon</td>
<td>Leberg</td>
<td>2017</td>
</tr>
<tr>
<td>Moore, Jocelyn</td>
<td>Chlan</td>
<td>2016</td>
</tr>
<tr>
<td>Heestand Saucier, Esprit</td>
<td>France</td>
<td>2016</td>
</tr>
<tr>
<td>Camacho, Olga</td>
<td>Fredericq</td>
<td>2016</td>
</tr>
<tr>
<td>Richards, Joseph</td>
<td>Fredericq</td>
<td>2016</td>
</tr>
</tbody>
</table>
Sauvage, Thomas  
Blankson, Emmanuel  
Jackson(Carrier), Latonya  
Baker, Angela  
Penning, David  
Tagliacollo, Victor  
Ukey, Rahul  
Rasch, Jennifer  
Palacios Theil, Emma  
Krayesky-Self, Sherry  
Sloey, Taylor  
Esposito, Rhea  
Tang, Pei-Ciao  
Mallick, Amrita  
Oguma, Andrew  
Cazan (Morales), Alfy  
Carvalho, Tiago  
Maxime, Emmanuel  
Olivier, Tyler  
Thoma, Jana  
Cifuentes (Granados), Camila  
Yednock, Bree  
Luzan, Tanya  
Quinn, Robert  
Rodriguez Mora, Maria Jose  
Thoma, Brent  
Proud, Daniel  
Pickens (Johnston), Christine  
Walter, Scott  
Viricel, Amelia

**MS Students (Thesis) who graduated**

<table>
<thead>
<tr>
<th>Student name</th>
<th>Advisor</th>
<th>Year of Graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fontenont, Christopher</td>
<td>Duke-Sylvester</td>
<td>2017</td>
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<tr>
<td>Franco, Marco</td>
<td>Klerks</td>
<td>2017</td>
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<tr>
<td>Hucks, Katrina</td>
<td>Leberg</td>
<td>2017</td>
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<tr>
<td>Collette, Jantzen</td>
<td>Smith</td>
<td>2017</td>
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<tr>
<td>Foret, Brittany</td>
<td>Smith</td>
<td>2017</td>
</tr>
<tr>
<td>Shirreff, Lisa</td>
<td>Ennis</td>
<td>2016</td>
</tr>
<tr>
<td>Pecnik, Simon</td>
<td>Felder</td>
<td>2016</td>
</tr>
<tr>
<td>Karmacharya, Binab</td>
<td>Duke-Sylvester</td>
<td>2015</td>
</tr>
<tr>
<td>Mathai, Reyna</td>
<td>Sylvester/Visser</td>
<td>2015</td>
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<tr>
<td>Horaist, David</td>
<td>Visser</td>
<td>2015</td>
</tr>
<tr>
<td>Schulz (Peacock), Jessica</td>
<td>Leberg</td>
<td>2015</td>
</tr>
<tr>
<td>Student name</td>
<td>Advisor</td>
<td>Year of Graduation</td>
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<tr>
<td>Johnson, Renika</td>
<td>Chlan</td>
<td>2016</td>
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<tr>
<td>Delay, Chris</td>
<td>Mopper</td>
<td>2015</td>
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<tr>
<td>Quebodeaux, Quinn</td>
<td>Felgenhauer</td>
<td>2015</td>
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<tr>
<td>Waterman, Megan</td>
<td>Felgenhauer</td>
<td>2014</td>
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<tr>
<td>Calais, Warnesha</td>
<td>Watson</td>
<td>2014</td>
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<td>Butler, Megan</td>
<td>Chlan</td>
<td>2013</td>
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<tr>
<td>Davis, Danielle</td>
<td>Felgenhauer</td>
<td>2013</td>
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<tr>
<td>Smoak, Patrick</td>
<td>Klerks</td>
<td>2013</td>
</tr>
<tr>
<td>Blackwell, Ebony</td>
<td>Duke-Sylvester</td>
<td>2012</td>
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<tr>
<td>Calixte, Genevieve</td>
<td>Ennis</td>
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<tr>
<td>Woock, Jarrett</td>
<td>Felgenhauer</td>
<td>2012</td>
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<tr>
<td>Regmi, Binod</td>
<td>Leberg</td>
<td>2012</td>
</tr>
</tbody>
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