Spring 2023 Graduating Class

**LSU COLLEGE OF THE COAST & ENVIRONMENT PLATFORM PARTICIPANTS**
- Christopher F. D’Elia, Professor & Dean
- Sibel Bargu Ates, Professor & Associate Dean, Academics
- Kevin Armbrust, Professor & Chair, Department of Environmental Services
- Kam-biu Liu, Professor & Chair, Department of Oceanography & Coastal Sciences
- Vince Wilson, Professor & Director, CC&E undergraduate programs
- Bob Rohli, Professor & Master of Ceremony

**BACHELOR OF SCIENCE IN COASTAL ENVIRONMENTAL SCIENCE**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Mikayla A. Bell</td>
<td>Elizabeth Y. Gleneck</td>
<td>Emily Kay Major</td>
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<td>Caleb Cavness</td>
<td>Kameelah Z. Hollis</td>
<td>Aine O'Nuuanain*</td>
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<td>Eva Percy Coman*</td>
<td>Olivia Hurley</td>
<td>Hannah Orff*</td>
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<td>Reagan Comeaux</td>
<td>Clifford A. Johnson</td>
<td>Matthew Parker*</td>
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<td>Alise Ellison</td>
<td>Zachary Gouge Laird</td>
<td>Isabella Purpura</td>
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<td>Madeline Paige Fryer*</td>
<td>Sophia Lingo</td>
<td>Kayla Tysinger</td>
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* indicates honors distinction Summa Cum Laude

**MASTER OF SCIENCE**

**Taylor Michelle Alexander**, MS & Graduate Certificate in Environmental Modeling and Analysis

Title of Papers (non-thesis): Does Louisiana Have a History of Environmental Injustice?
Major Professor: Dr. Rebeca de Jesús Crespo

**Shelly Frances Cole**, MS & Graduate Certificate in Environmental and Energy Policy

Title of Papers (non-thesis): Has the Greater Yellowstone Ecosystem Benefited from the Reintroduction of Wolves?
Major Professor: Dr. Rebeca de Jesús Crespo

**Ashley Dauntain**, MS & Graduate Certificate in Environmental and Energy Policy

Title of Papers (non-thesis): The Effectiveness of Systematic Conservation Methods that Aim to Mitigate Human Encroachment Impacts on Mountain Gorilla Biodiversity
Major Professor: Dr. Rebeca de Jesús Crespo

**Cole Donaldson**, MS, Environmental Sciences

Title of Papers (non-thesis): A ubiquitous Contaminant: Microplastic
Major Professor: Dr. Brian Snyder

**Weiyuan Dong**, MS, Oceanography & Coastal Sciences

Thesis: A Lagrangian Particle Model with Nesting Capability and its Application to the Modeling of Plastics in the Gulf of Mexico
Major Professor: Dr. Jun-Hong Liang

**Courtney Nicole Hammond**, MS, Oceanography & Coastal Sciences

Thesis: Controls of Physical Drivers on the Formation and Toxicity of Harmful Cyanobacteria Blooms (cyanoHABS)
Major Professor: Dr. Sibel Bargu Ates
**MASTER OF SCIENCE (CONTINUED)**

**Michael W. McDonell, MS, Oceanography & Coastal Sciences**  
Thesis: Quantifying Mud Settling Velocity as a Function of Turbulence and Salinity in a Deltaic Estuary  
Major Professor: Dr. Giulio Mariotti

**Evelyn P McQueen, MS Environmental Sciences**  
Title of Papers (non-thesis): Microplastics in the Northern Gulf of Mexico  
Major Professor: Dr. Rebeca de Jesús Crespo

**Bijayalaxmi Sahoo, MS, Oceanography & Coastal Sciences**  
Thesis: 20-Year Assessment of Total Suspended Sediment (TSS) Variability in Barataria Bay from MODIS Ocean Color using a Combination of Adaptive Semi-Analytical and Neural Network Algorithms  
Major Professor: Dr. Eurico D’Sa

**Jacob Salem, MS & Graduate Certificate in Environmental and Energy Policy**  
Title of Papers (non-thesis): How Does Rapid Population Growth Impact the Safety of the Water Supply?  
Major Professor: Dr. Rebeca de Jesús Crespo

**Musibau Sumola, MS Environmental Sciences and Certificate in Environmental Modeling & Analysis**  
Title of Papers (non-thesis): Toxic and Environmental Effects of Benzene and its Compounds: A Systematic Literature Review  
Major Professor: Dr. Rebeca de Jesús Crespo

**Jacob Hal Williams, MS Environmental Sciences and Certificate in Environmental Health Sciences Certificate**  
Title of Papers (non-thesis): What are the Unintended Consequences of the Construction of the Wax Lake Outlet?  
Major Professor: Dr. Rebeca de Jesús Crespo

**DOCTOR OF PHILOSOPHY**

**Kelli Moran, PhD, Oceanography & Coastal Sciences**  
Dissertation: "Sediment Transport and Geomorphological Evolution in the Northern Gulf of Mexico"  
Major Professor: Dr. Kehui “Kevin” Xu

**John Shelton Penton, Jr., PhD, Environmental Sciences**  
Dissertation: "Accurately Valuing Blue Carbon Sequestration and Storage to Foster Coastal Conservation Via Evidence-Based Policymaking and Model Environmental Services Statute Methodologies"  
Major Professor: Dr. Vince Wilson and Dr. Robert Twilley

**Ivan Alexis Vargas Lopez, PhD, Oceanography & Coastal Sciences**  
Dissertation: "A Spatiotemporal Evaluation of Estuarine-Costal Carbon and Nutrient Interactions and Lateral Fluxes in Deltaic Regions Undergoing Growth and Deterioration Phases in Coastal Louisiana, USA"  
Major Professor: Dr. Victor Rivera-Monroy

**George Washburn, PhD, Environmental Sciences**  
Dissertation: "Bald Cypress (Taxodium distichum) and Their Growth and Development Under Abiotic Stressors Related to Restoration Efforts"  
Major Professor: Dr. Linda Hooper-Bùi

**Yusik Won, PhD, Environmental Sciences**  
Dissertation: "Removal of Radionuclides Using Capacitive Deionization"  
Major Professor: Dr. Yong-Ha Kim