

## **Nigel Christopher Lascelles Jr.**

### CONTACT INFORMATION

Department of Physical & Environmental Sciences  
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### RESEARCH INTEREST

Marine debris and Contaminants in the Coastal & Marine Ecosystems. Microplastics and their impacts. The use of Chemical Instrumentation to solve environmental issues. Science Communication.

### EDUCATION

Bachelor of Science Chemistry (American Chemical Society Certified), Biology (Minor),  
Florida A&M University, Tallahassee, FL Graduated May 2016

Master of Science Environmental Science (Concentration in Marine & Estuarine Environments),  
Thesis: Chemical characterization of plastic pollution in coastal areas  
Florida A&M University, Tallahassee, FL Expected Graduation July 2020

Doctor of Philosophy Coastal & Marine Systems Science  
Texas A&M University Corpus Christi, Corpus Christi, TX Expected Graduation May 2023

### WORK HISTORY

*Graduate Research Assistant* at Harte Research Institute for Gulf of Mexico Studies  
August 2019- Present

*Student Intern* at Ocean Exploration Trust and the Science & Engineering Exploration Vessel  
Nautilus  
June 2019

*Student Intern* at NOAA NMFSC Northeast Fisheries Science Center  
June 2018 – September 2018

*Graduate Research Scholar* at NOAA Center for Coastal and Marine Ecosystems - EPP/MSI  
August 2017 – Present

*Research Student* at Florida A&M University Department of Chemistry & School of the  
Environment, Tallahassee, FL  
January 2014 – August 2019

### PUBLICATIONS

Waddell, E. N., **N. Lascelles**, J. L. Conkle. (2020) Microplastic contamination in Corpus Christi Bay blue crabs, *Callinectes sapidus*. *Limnology & Oceanography Letters*. 5, (1), 92-102.

## PRESENTATIONS

Short-Course Student Contributor, SETAC North America 40<sup>th</sup> Annual Meeting, Toronto, ON, CA  
“Microplastics: Gotta Catch Them All! QA/QC best management practices for robust microplastic method development” November 2019

**Lascelles, N.**, Deshpande, A., Jagoe, C., Freeman, D., Drayton, D., Analysis and Chemical Characterization of Microplastic Pollution in Coastal Waters, ASLO 2019 Aquatic Sciences Meeting (San Juan, PR) Oral Presentation. February 2019

**Lascelles, N.**, Deshpande, A., Jagoe, C., Freeman, D., Drayton, D., Chemical Characterization of Microplastic Pollution in Coastal Waters, American Fisheries Society annual conference (Atlantic City, NJ) Poster Presentation, August 2018

**Lascelles, N.**, Jagoe, C., Marquez, M., Oysters as Sentinels of Microplastic Pollution, NOAA EPP/MSI 9th Biennial Education and Science Forum, Poster Presentation, March 2018

**Lascelles, N.**, Mateeva, N., Jackson, B., Walker, W., Biological Activity of Electrospun Native & Amyloid Chicken Egg White Lysozyme (HEWL), Florida Inorganic and Materials Symposium (FIMS), Poster Presentation, October 2015

**Lascelles, N.**, Mateeva, N., Jackson, B., Walker, W., Biological Activity of Electrospun Native & Amyloid Chicken Egg White Lysozyme (HEWL), FAME 2015 ACS Florida conference, Poster Presentation, May 2015

## RELEVANT SKILLS

Mastery in Pyrolysis Gas Chromatography-Mass Spectroscopy  
Experience with Ultraviolet – Visible Spectroscopy and analyzing the spectrums  
Experience with Fluorescence Spectroscopy and analyzing the spectrums  
Experience with Infrared Spectroscopy and analyzing the spectrums  
Experience with Raman Spectroscopy and analyzing the spectrums  
Experience with Gas Chromatography-Mass Spectroscopy  
PC and Mac systems: word processors (MS word) spreadsheet (MS excel), presentations (MS PowerPoint, Keynote) and statistical analysis programs such R.

## AFILIATIONS

Harte Research Institute for Gulf of Mexico Studies  
Graduate Scholar for NOAA Center for Coastal & Marine Ecosystems  
Member of Alpha Chi Sigma Professional Chemistry Fraternity  
Rattlers Association of Chemist  
Member of American Chemical Society  
Member of American Fisheries Society