**Education**

**Honors College at the College of Charleston (2017)**

Bachelor of Science in Marine Biology

Bachelor of Arts in Spanish with score of *Intermediate High* on Oral Proficiency Interview

Magna Cum Laude

**Florida State University (2020)**

Master of Science in Biological Science

**Awards**

WWF Conservation Leadership Award

Safina Center Launchpad Fellowship

National Science Foundation Graduate Research Fellowship Program

**Research**

**NSF’S Research Experience for Undergraduates Summer Internship: Fort Johnson Marine Lab** Charleston, South Carolina (*Summer 2014*)

* Segmented CT scans of sharks using Mimics software to create virtual 3-D Models
* Part of an ongoing project tracing the evolution of Hammerhead sharks

**Marine Mammal Stranding Network Necropsy Lab**

Charleston, SC (*Fall 2014*)

* Assisted with necropsies, collected samples and monitored beetle colony
* Completed stomach content analyses of stranded animals

**Smithsonian Environmental Research Center REU:**

Edgewater, Maryland *(Summer 2016)*

* “Exploring the variability of CO2 concentrations and carbonate chemistry in the Rhode River and surrounding creeks”
* Took water quality samples to measure alkalinity and CO2 concentrations

**Professional Experience**

**CEO/President of Minorities in Shark Sciences (Current Position)**

* Organization created to support women of color in shark science
* Hosts yearly workshops that provide fully funded field experiences, professional development and networking opportunities for participants
* Creates outreach content for people of all ages
* Provides paid mentorship programs and fellowships to conduct research
* Consults with institutions and science departments to provide DEI training and strategic planning

**MarSci-LACE Project Coordinator (Current Position)**

* Coordinating events, activities and programs related to the Mote Marine Lab Louis Stokes Alliance for Minority Participation (LSAMP) Center of Excellence
* Promoting participation of underrepresented minority students in marine science

**FWC Division of Marine Fisheries Management Intern**

* Redesigned the science curriculum for the Law Enforcement training
* Created outreach materials
* Participated in outreach and research excursions
* Translated documents from English into Spanish

**iTag Workshop**

* Served as a lead for one of the teams working on the species specific (smalltooth sawfish) synthesis papers
* Coordinated a team of researchers to compile the acoustic data and analyze patterns in smalltooth sawfish movements utilizing a collaborative acoustic receiver array

**Sharkbites Saturday Blog Writer/Editor**

* Contribute content for a general audience based on the latest research in shark science
* Edit content from other writers

**Ecology and Evolution Graduate Student Outreach Coordinator**

* Coordinate scientific outreach activities with the Tallahassee community
* Establish an ongoing mentorship program with students in Tallahassee

**Saturday at the Sea Instructor**

* Provide a day of hands-on instruction to school groups
* Teach students about ichthyology and oceanography

**Poster Presentations**

* “Evolutionary relationships of hammerhead sharks (Sphyrnidae): Reconciling signals across anatomical and molecular data” (Joint Meeting of Ichthyologists and Herpetologists 2017)
* “The effect of seasonality and sex on the movements of smalltooth sawfish (*Pristis pectinata)”* (Sharks International 2018)
* “Comparative anatomical study of evolutionary variation in Sphyrnidae, hammerhead sharks, using 3-D modeling” (Council of Undergraduate Research (CUR) Research Experience for Undergraduates Symposium 2014)
* “Marine Science Laboratory Alliance Center of Excellence” (SACNAS Southeast Regional Conference 2020; Oceans Day 2020)

**Oral Presentations**

* “Analysis of adult and large juvenile smalltooth sawfish (Pristis pectinata) movements: Evaluating bycatch risk and identifying critical habitat” (Ecology and Evolution Seminar FSU Biology Department 2019)
* “Analysis of smalltooth sawfish (*Pristis pectinata*)bycatch risk in Florida” (Joint Meeting of Ichthyologists and Herpetologists 2019)

**Science Outreach**

* StemExplore Mentor Virtual Career Connection: <https://www.stemexplore.org/items/tv>
* Skype a Scientist Live: <https://www.youtube.com/watch?v=KECzSaOC-HQ>
* OceanX Interview: <https://www.facebook.com/OceanXOrg/videos/310378106675397>
* Explorers Club Panel Discussion: “[The Amazing World of Sharks](https://www.facebook.com/TheExplorersClubNYC/videos/208245480463392/?__cft__%5b0%5d=AZVeEvysfVWrYKkJie9IOcgraftZ8VufiZ8jBV8nB8UT8bSoKibJNaiLZ029QDDPX5KhyRJteucuIk-BNjFvldNcnsPbESij9JbR8gJB5f9zqW5_imKMEBhVqSBBBZ_KORLmqxjL-lyk9UA9wnXO__N1YLglSw07MJr-CRJk6lzE8c3hpdcpyWiW36uPHUH_lII&__tn__=-UK-R)”
* Podcast appearances: Scholars Beyond the Tower; American Fisheries Society’s Diversity Podcast; Just the Zoo of Us; So you want to be a Marine Biologist, Conservation Cast, The Nagging Naturalist
* Terranaut Club: Shark Research Around North America
* Jacksonville University Virtual Marine Science Camp
* “Fantastic Beasts and Where to Find Them: Bizarre Chondrichtyans” (Mote Marine Lab Volunteer Course 2020)
* [Elasmo Week](https://youtu.be/ayyv3mQyAwg)
* [Dive In with Sylvia Earle](https://youtu.be/VNA6dLEOo1s)
* [Earth Echo Virtual Career Connections](https://youtu.be/rW1dxOhO43g)
* Guest Lecturer: University of Rhode Island, Oregon State University, University of the Sciences, Aquarium of the Pacific, Phipps Conservatory and Botanical Gardens, Marine Academy of Science and Technology, New Jersey Marine Educators Association
* Panelist: [Making Waves for Ocean Science: Empowering Women and Girls in the Ocean Decade](https://www.oceandecade.org/events/180/Making-waves-for-ocean-science-Empowering-women-and-girls-in-the-Ocean-Decade)

**Media Engagements**

* “[Cruising the Coastline: A Sawfish's Journey](https://www.facebook.com/HavenworthCoastalConservation/photos/a.787170731317370/2943520709015684/)” - *Mullet Rapper*, *The Fishing Wire* and *The Nautical Mile Magazine*
* “[Tagging data show that blue sharks are true globalists](https://theconversation.com/tagging-data-show-that-blue-sharks-are-true-globalists-133121)” -*The Conversation*
* “[Sawfish: What to do when you accidentally hook one](https://myfwc.com/news/all-news/gc-sawfish-220/)” - *Woods and Water* and Florida Fish and Wildlife Conservation Commission’s *Gone Coastal* column
* “[Black Women Shark Scientists Create Network to Encourage People of Color](https://www.ecowatch.com/black-women-shark-science-network-2646438007.html?fbclid=IwAR1p187TMjWxPUAjZTaZZw5rqAHUbcYrdbmZqA2J1wDNsluHt2Y_gO2AyQs)”- EcoWatch,
* Recap Piece: “[The Amazing World of Sharks](https://www.discovery.com/nature/the-amazing-world-of-sharks?fbclid=IwAR3NzgOBYhdi061psKy67_fmisTQY8WACXpvtF27CSK0jbN7L8ugrb1olLw)”- Discovery
* “[Why we need sharks: the true nature of the oceans’ ‘monstrous villains’](https://www.theguardian.com/environment/2020/jul/06/why-we-need-sharks-the-true-nature-of-the-oceans-monstrous-villains?fbclid=IwAR1rjRd65OD54W-V6-NnJkBCm5VA86lk8Y1ZxpJD3TUDlAC_1SnIs7zA_F4)”-The Guardian
* “[They wanted you to bet on sharks: the odds were not in their favor”](https://www.nytimes.com/2020/06/23/science/sharks-online-gambling.html)- New York Times
* “[Helping Kids Overcome Their Fear of Sharks and Scary Animals](https://www.nationalgeographic.com/family/2020/07/helping-kids-overcome-their-fear-of-sharks-and-scary-animals/)”- National Geographic
* “[Women on a MISSion](https://www.themarinediaries.com/tmd-blog/women-on-a-mission-bringing-diversity-to-shark-sciences)”- The Marine Diaries
* “[Listening to Black Voices](https://www.sarasotamagazine.com/news-and-profiles/2020/11/mote-biologist-jasmin-graham-on-the-need-for-diversity-in-science)”- Sarasota Magazine
* “[Corona Virus Vaccine Makers are not Mass-Slaughtering Sharks](https://www.nytimes.com/2020/10/13/science/sharks-vaccines-covid-squalene.html)” – New York Times
* “[Can These Hedge Trimmers With Fins Avoid a Brush With Extinction?](https://www.nytimes.com/2021/02/10/science/sawfish-extinction-conservation.html)”- New York Times

**Publications**

* Graham, J.R., Kroetz, A.M., Poulakis, G. R., Scharer, R.M., Carlson, J. K., Lowerre-Barbieri, S., Morley, D., Reyier, E.A., Grubbs, R.D. Commercial fishery bycatch risk for large juvenile and adult smalltooth sawfish (Pristis pectinata) in Florida waters. *Aquatic Conservation: Marine and Freshwater Ecosystems*. (accepted)
* Graham, J.R., Kroetz, A.M., Poulakis, G. R., Scharer, R.M., Carlson, J. K., Lowerre-Barbieri, S., Morley, D., Reyier, E.A., Grubbs, R.D. Large-scale space use of smalltooth sawfish Pristis pectinata: implications for establishing large juvenile and adult critical habitat. *Endangered Species Research.*
* Graham, J.R., Cáceres, C., Santos de Azevedo, D. Minorities in Shark Sciences: Diverse Voices in Shark Research. CRC Press. (in preparation)
* Graham, J.R., Hannides, A., Mamnun, N., Sitz, L.E., Walsh, I.D., Wood-Charlson, E.M., Ponsoni, L. Ocean Sciences Perspectives on Integrated, Coordinated, Open, Networked (ICON) Science. *Earth and Space Science*. (in review)
* Graham, J.R. Hodsdon, G., Busse, A., & Crosby, M.P. Underrepresented Voices in Ocean Sciences: A Qualitative Exploration of Factors Impacting Career Retention. *Journal of Geoscience Education.* (in review)