

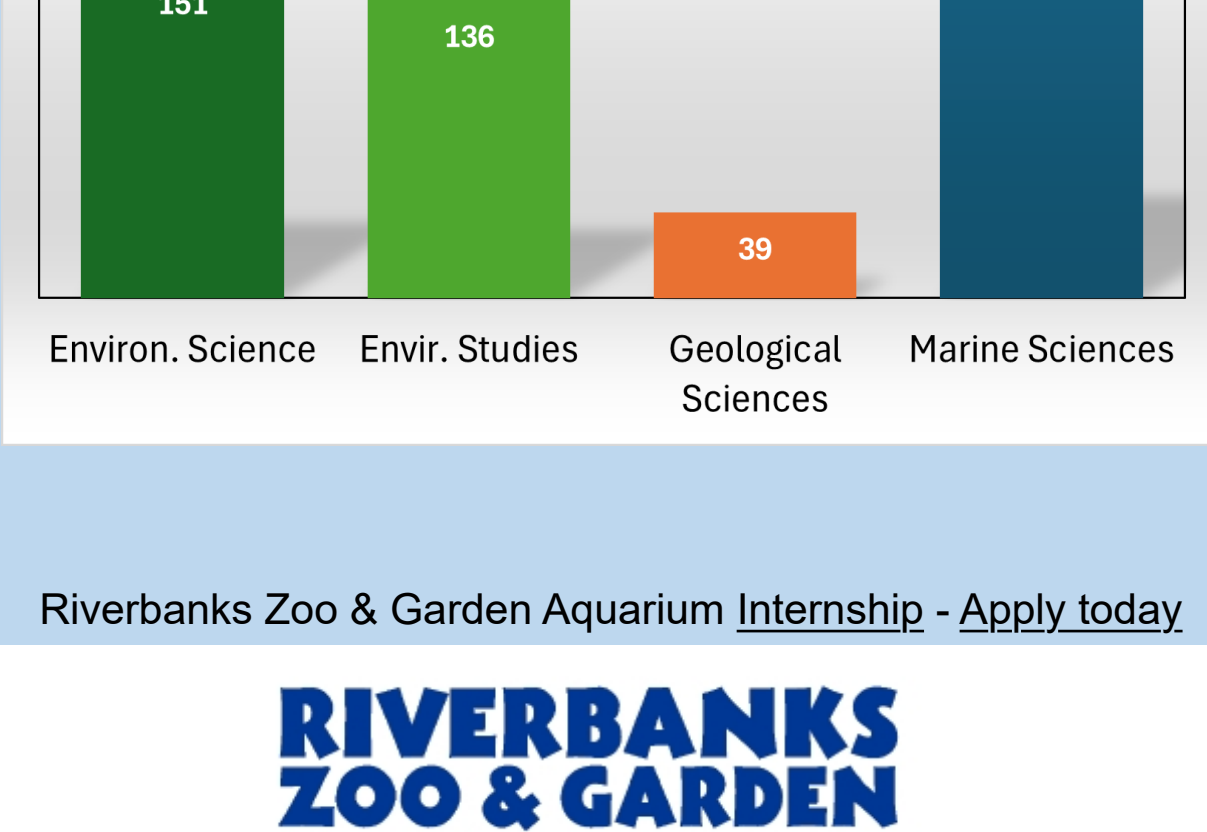
# SEOE Newsletter

Term: Fall 2024 | Issue 25

August 2024

## Undergraduate Office

The SEOE is home to 528 students in our degree programs



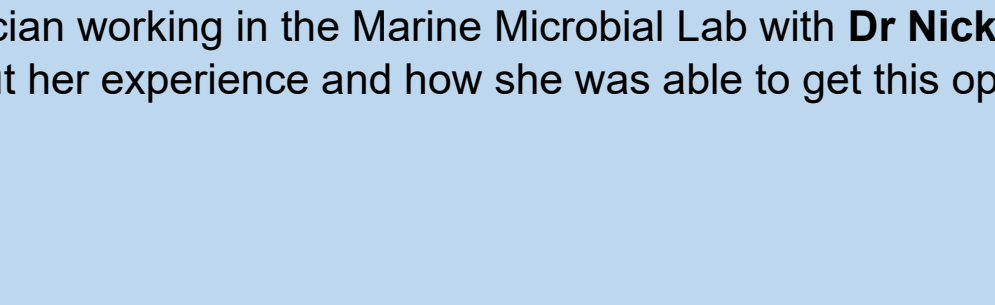
Riverbanks Zoo & Garden Aquarium Internship - [Apply today](#)

**RIVERBANKS ZOO & GARDEN**  
columbia south carolina

### Aquarium Internship Opportunity

Spring 2025

### Marine science grad dives deep in submersible that first explored Titanic



**Jules McHenry** (SEOE alum c/o 2023) was featured in USC Today. Jules is a technician working in the Marine Microbial Lab with **Dr Nick Peng**. [Read](#) about her experience and how she was able to get this opportunity of a lifetime!!

**DIVE INTO RESEARCH**

Friday, September 20 2:00-3:30pm  
Jones 106 | [Link in bio to sign up!](#)

**SEOE Open House!! Family Weekend!!**  
**Friday, Sept 20 2-3:30pm JONES 104**  
Come hear about all the cool research our department is involved in and take a tour of some of our labs. Learn how you can get involved!  
[RSVP Here](#)

We loved seeing everyone who attended the Welcome Back Celebration. We look forward to an awesome semester!!



## Graduate Office

The SEOE welcomes 16 incoming students into our department family.



Pictured: (Top row left to right) **Kate Caminita, William Love, Ethan Cruz, Christina Gregory, JD Ross, Elen Reji** (Bottom row left to right) **Chase Robinson, Jared Rose, Pamela Doran, Emily Contract, Emily Baumann**  
Not pictured: Henry Guy, Shiva Miller, Autumn Muhly, Qintiantian Nong, and Hannah Berberich

### Qualifying/Comprehensive Exams

Way to go **Amadi Sefah-Twerefour** on successfully defending her MSCI PhD Qualifying Exam on Regional Variation in Anthropogenic Risks, Media Coverage, and Policies on the North Atlantic Right Whale. *Nice job Amadi!!*

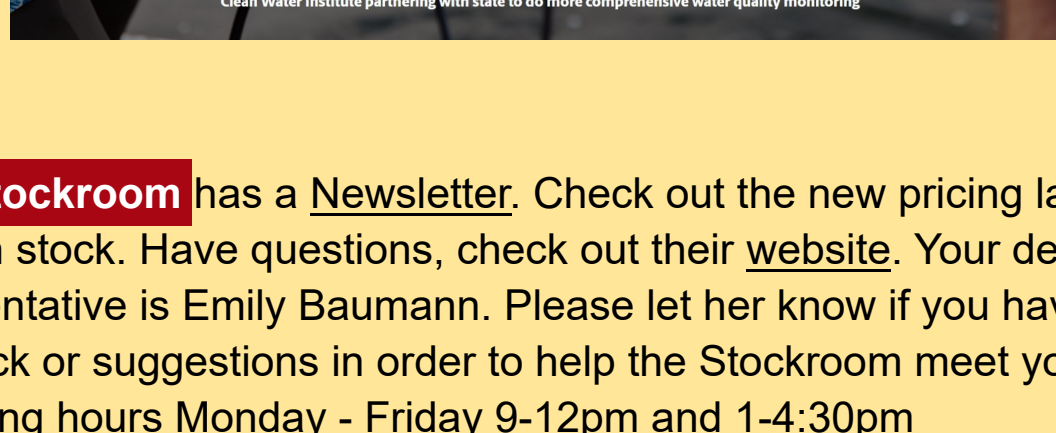
Nice job **Liam Batchelder** on a successful MSCI PhD Qualifying Exam on Environmental Conditions and Biotic Interactions Influence Habitat Use of Subtidal Creek Nekton Communities in the Southeastern United States. *Way to go Liam!!*

## Around the Department News



The SEOE would like to give a big warm Welcome **Jill Stewart** who is the new Baruch Institute Director who took over the position this month. *We look forward to working with you!!*

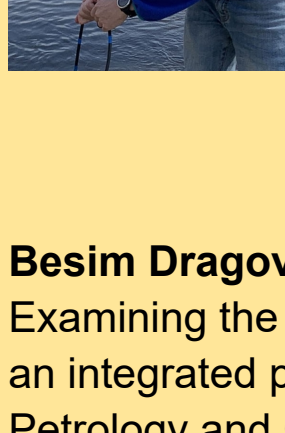
[Read more](#) about the **Institute for Clean Water** and its partnership with SCDES to look at water quality monitoring around the state.



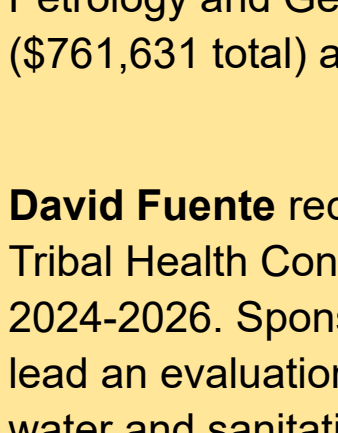
**CAS Stockroom** has a [Newsletter](#). Check out the new pricing labels on the items in stock. Have questions, check out their [website](#). Your department representative is Emily Baumann. Please let her know if you have any feedback or suggestions in order to help the Stockroom meet your needs. Operating hours Monday - Friday 9-12pm and 1-4:30pm

### KUDOS!!

Awards:



We are excited about **Matt Kimball's** promotion to Research Professor at the Baruch Marine Field Lab. *Congratulations Matt!!*



We are also thrilled that **Robert Dunn** has been promoted to Research Associate Professor at the Baruch Marine Field Lab. *Way to go Robert!!*

**Besim Dragovic** received funding for his project Collaborative Research: Examining the paleo-thermal structure of the Alpine subduction interface with an integrated petrochronology and geodynamic approach. NSF-EAR Petrology and Geochemistry and NSF-EAR Tectonics. **\$399,282** (\$761,631 total) awarded.

**David Fuente** received funding for his project on Evaluation of Alaska Native Tribal Health Consortium's (ANTHC) Potable Water Delivery Project". 2024-2026. Sponsor: Alaska Native Tribal Health Consortium. Dr. Fuente will lead an evaluation of a pilot subsidy program to improve the affordability of water and sanitation services for Alaska Native households in rural Alaska. *Way to go David!!*

**Carol Boggs** is lead PI on an NSF award entitled "Integrating physiological and behavioral ecology: How limited resources and allocation trade-offs impact mate signaling". The total award is **\$703,889**, split with co-PI, **Dan Spelser**.

**Michael Bizimis** has been awarded a sponsored award titled "Collaborative Research: Investigation of Volcanism and Tectonics in the Bight Transform Region (55.5°N-57.0°N, Mid-Atlantic Ridge)" and is funded by the National Science Foundation (NSF) at \$124,073 for year one, for a total anticipated award of **\$390,747**.

**Nick Peng** is a co-PI on a new NSF award entitled "LTREB Long Term Studies of Salt Marsh Primary Production".

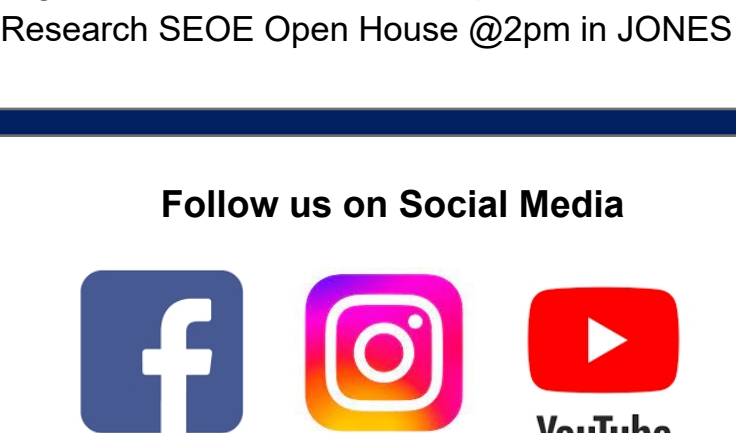
**Andrew Leier** is PI and **Katherine Ryker** is Co-PI for "Collaborative Research: Paleoclimatic and tectonic forcing on Neogene sedimentation changes in the Beaufort-Mackenzie Basin". This award is from the NSF for **\$266,168**.

**Subra Bulusu** has been awarded a sponsored award entitled "The Role of the Russian Shelf and Eurasian Basin on the Beaufort Gyre and Arctic Freshwater Content". This is a 3-year grant funded by the Office of Naval Research (ONR)/DOD for a total anticipated award of **\$435,000**.

### Publications

- Sasha Yankovsky** and his former postdoc **Steven Dykstra** have a new paper out. Forcing conditions of cross-shelf plumes on a wide continental shelf, Winyah Bay, South Atlantic Bight is in the new issue of Remote Sensing of Environment. Read it here: <https://doi.org/10.1016/j.rse.2024.114279>

- Besim Dragovic** along with his co-authors have a new paper out in Science Advances focusing on Mobilization of isotopically heavy sulfur during serpentinite subduction. Check it out: <https://doi.org/10.1126/sciadv.adn0641>



### In the News

- Alicia Wilson** was featured in a recent [Post and Courier](#) article SC has seen 20 inches of rain before. What can that tell us about Debby's potential impacts? *Way to go Alicia!!*

- David Fuente** was in the news interviewed by our local WACH Fox news station about the sewer overflows from the recent storm. Watch the video [here](#) and read the article. *Nice job David!!*

**Let the department know about the wonderful things you and the people around you are doing!! Is there something/someone you are proud of? Let us know [Kudos Form](#).**

### Upcoming Events: [click to see the google calendar](#)

- Sept 2nd** - Labor Day (University is Closed)
- Sept 3rd** - Holly Young MEERM Qualifying Exam EWS 210 @ 8:30am
- Sept 5th** - SEOE Undergrad/Grad Summer Internship Showcase
- Sept 20th** - Dive Into Research SEOE Open House @2pm in JONES 104

### Follow us on Social Media

