

SEOE Newsletter

Term: Spring 2023 | Issue 9

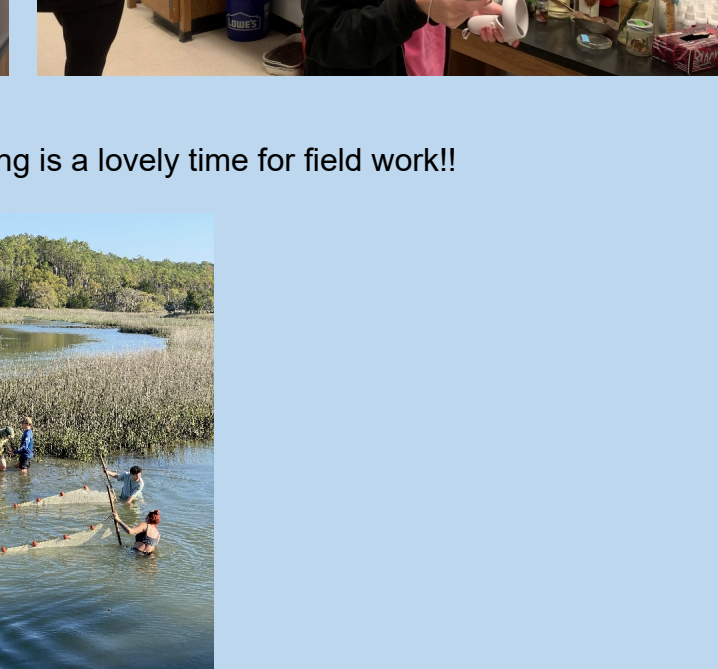
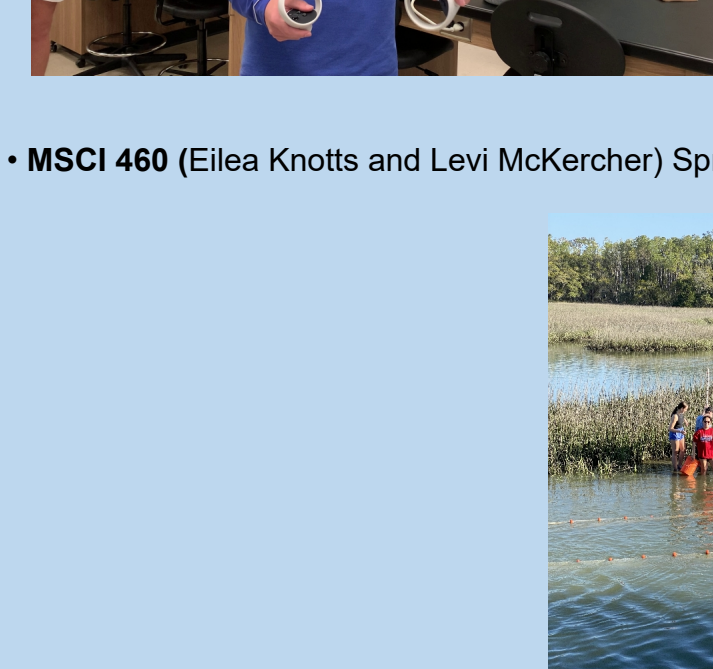
April 2023

Undergraduate Office

- **MSCI 102** (Peng, Pinckney, Kreuser, Powers, Thompsonx2) took students to the ACE Basin NERR McKenzie Field Station to study the trophic level carbon biomass in an estuary.



- **MSCI/BIOE 537** (Leo Rose) brought students to the SCDNR Dennis Wildlife Center Fish Hatchery to experience the freshwater fisheries management program for raising various species of bass to help support the states recreational fishing. More photos and videos [here](#).



- **GEOL 101** (Frost, Tully, Rojas Kolomiets, Franco, Faton, Hammond, and Hirosky) conducted a VR lab. Thanks to Katy Johanesen from Juniata College (and Katherine Ryker) for sponsoring this awesome experience.



- **MSCI 460** (Eileea Knotts and Levi McKercher) Spring is a lovely time for field work!!



- **ENVR 533** (Syfert) [Year end photos](#) of the students and their sustainability projects! Way to go students!!

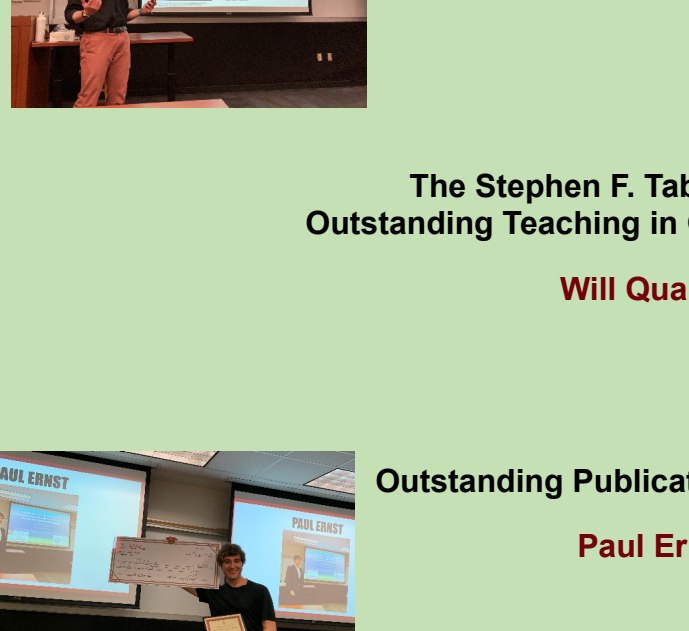


- **Still looking for an internship??** Check out our [Beyond the Classroom - Research Opportunities](#) page for links to open positions. Apply today!!



**SEOE Undergraduate Award Winners!! Congratulations to all our students!!

View them all [here](#).



Graduating Seniors will be honored at our SEOE Graduation Celebration. May 5th at 2pm in JONES 210. Reception to follow. Everyone is welcome. [RSVP here](#)

\$3,000

FOR YOUR S.C. INTERNSHIP OR CO-OP

The South Carolina Internship Program supports USC students with internships and co-ops in high-demand industries.

APPLY TODAY!

Graduate Office

SEOE Graduate Award Winners!!

The Stephen F. Taber Award for Outstanding Masters Research in Geological Sciences

Blake Stubbins

The Stephen F. Taber Award for Outstanding Teaching in Geological Sciences

Will Quanrud

Outstanding Publication Award in Marine Science

Paul Ernst

Outstanding Teaching Award in Marine Science

Amadi Sefah-Twerefour

Outstanding MEERM Student: Research

Kira Telford

Outstanding MEERM Student: Internship

Hannah Fox

Congratulations to the following on a successful Thesis defense:

- **Benjamin Aland, MS** (Meyer-Gutbrod) - Developing a Classification Methodology Using OBIA-Based Practices for Identifying Oyster Reefs from UAV Imagery

Way to go!! **Joseph Martina and Victor Ponds** on completing their MS Qualifying Exam. Congrats Joseph and Vic!!

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Carolina Engage Grant

Center for Integrative and Experiential Learning

CIEL's first ever undergraduate student grant!

The Carolina Engage grant is a rolling grant, so you can apply all year long! It's designed to help you engage beyond the classroom and relieve financial barriers. Initial requests can be up to \$500, but you can submit a request for an additional \$500 if needed. We encourage you to apply a month before your experience and you must turn in any receipts and/or additional documents within 30 days of completion.

Around the Department News

Congratulations to our SEOE Post Docs:

Steve Dykstra (post-doc; Sasha) has recently accepted a Tenure-Track position at the University of Alaska Fairbanks. He is recruiting students for funded RA/TAs. Please send him an email if you are interested in working with him on his research. Congratulations Steve!!

Alejandro Cisneros (post-doc; Besim) received an NSF Postdoctoral Fellowship Award for \$180,000. Alex will take with award with him to Oregon State where he will work on Timescales and processes of magmatic resurgence at Toba caldera. Congratulations Alex and we wish you success with your research.

In the News

- **Alicia Wilson** and her research is mentioned in a new article, "[It's not just oceans that are rising. Groundwater is, too](#)" featured in Salon
- A familiar voice was heard on NPR. **Erin Meyer-Gutbrod** was featured in a piece on climate change and North Atlantic right whales. Listen [here](#).
- **David Kneas** is featured in an article published in the [Bangor Daily News](#) about his research on junior mining companies around the world.
- **Erik Smith, Dennis Allen and Maeve Snyder** are featured in an article about [sea level rise along the South Carolina coast](#).

KUDOS!!

Awards and Grants:

Amadi Sefah-Twerefour (Meyer-Gutbrod) was awarded to the 2022-23 Graduate Student Association's Outstanding Graduate Student Teaching Assistant Award. Way to go Amadi!!

Congratulations!! **Katherine Ryker** is a recipient for this year's **2023 Michael J. Mungo Undergraduate Teaching Award**. Dr. Ryker emphasizes inquiry-based, active learning that is designed to increase student motivation by making geology accessible and relevant.

Woohoo!! **Jay Pinckney** received a \$1 million NSF grant titled "Collaborative Research: The Benthic Microalgal Subsidy in Estuarine Ecosystems" in collaboration with Craig Plante at the College of Charleston.

Cha-Ching!! **Bill Strosnider** (PI) and **Bruce Pfirrmann** (Co-PI) have secured a \$2.6M grant via the NOAA Marine Debris Challenge Competition entitled "From blue-gray to blue-green: facilitating the transition to non-plastic natural material use within the coastal zone economy." More about the project [here](#).

Publications:

- Olson, M.M., Ravikanthachari, N., Blackwell, M. & **Boggs, C.L.** (2023) The dispersal of microbes among and within flowers by butterflies. *Ecological Entomology*, 1-8. Available from: <https://doi.org/10.1111/een.13239>
- **Gabriel de Souza Franco** (Bizimis) is a co-author on a new publication in *Geochimica et Cosmochimica Acta*. "Community recommendations for geochemical data, services and analytical capabilities in the 21st century". <https://doi.org/10.1016/j.gca.2023.04.024>



Presentations:



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](#).

KEY DATES:

- May 5th** - SEOE Graduation Party 2pm JONES 210 *reception to follow
- May 6th** - Commencement for College of Arts and Sciences
- May 8th** - Summer Sessions Begin
- May 29th** - Memorial Day (USC Holiday)

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