

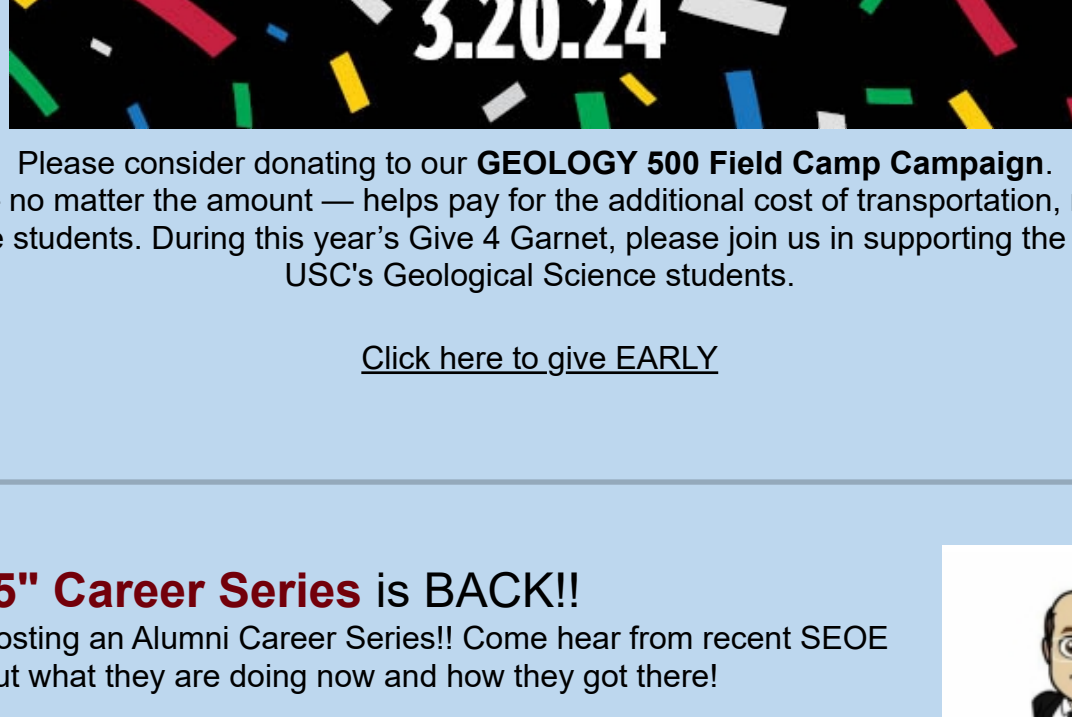
SEOE Newsletter

Term: Spring 2024 | Issue 19

February 2024

Undergraduate Office

Mark your Calendars!!



Please consider donating to our **GEOLOGY 500 Field Camp Campaign**.

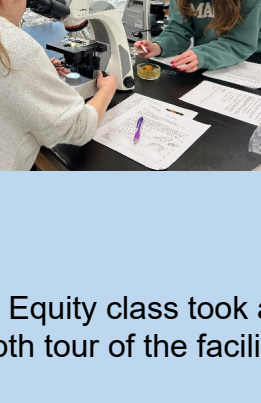
Your gift — no matter the amount — helps pay for the additional cost of transportation, meals, and lodging for the students. During this year's Give 4 Garnet, please join us in supporting the enrichment of USC's Geological Science students.

[Click here to give EARLY](#)

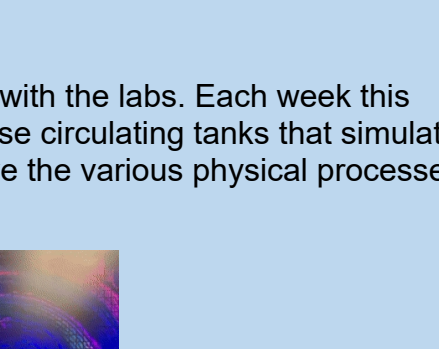
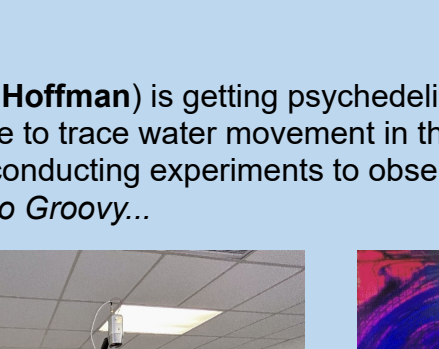
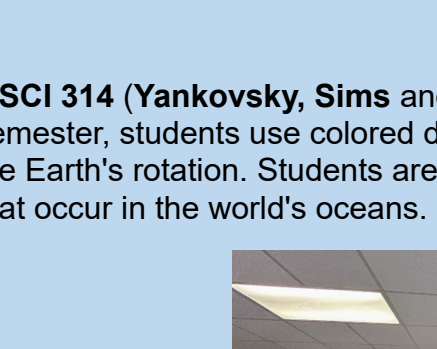
"After 5" Career Series is BACK!!

Dr Joe is hosting an Alumni Career Series!! Come hear from recent SEOE Alums about what they are doing now and how they got there!

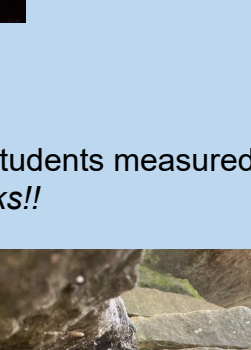
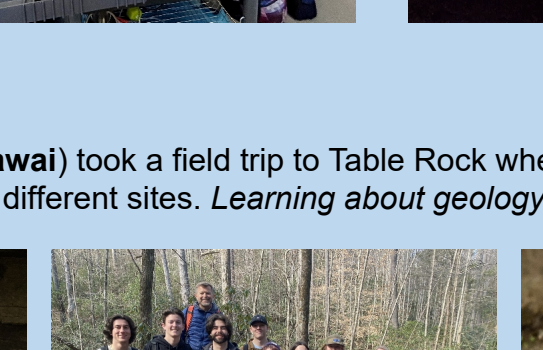
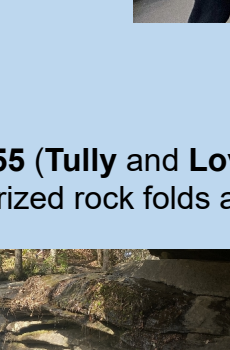
3/18 **JP Everhart** (MSCI 2017, NOAA CIMAS, Research Associate II)
3/25 **Rebecca LeBlanc** (MSCI 2023, Univ. of Delaware PhD student)
Mondays 5pm in EWS 210



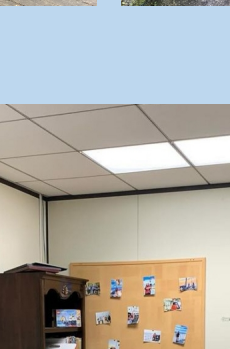
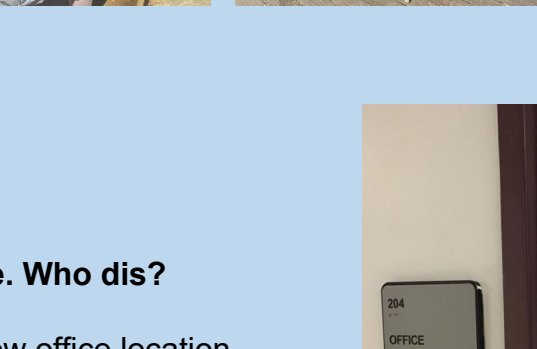
MSCI 510 (Stone and Mallick) Invertebrate Zoology students are rolling up their sleeves and delving into the world of spineless organisms. Pictured below is the week of Porifera (sponges).



ENVR 490 (Harrison and Fuente) The Applied Research in Energy and Water Equity class took a field trip to the Columbia Water Treatment Plant. Students were given an in depth tour of the facility and the processing system. *How cool is that?!*



MSCI 314 (Yankovsky, Sims and Hoffman) is getting psychedelic with the labs. Each week this semester, students use colored dye to trace water movement in these circulating tanks that simulate the Earth's rotation. Students are conducting experiments to observe the various physical processes that occur in the world's oceans. *So Groovy...*

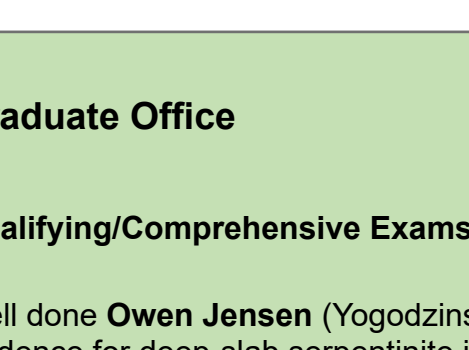


GEOL 355 (Tully and Love-Gawai) took a field trip to Table Rock where students measured and characterized rock folds at two different sites. *Learning about geology rocks!!*



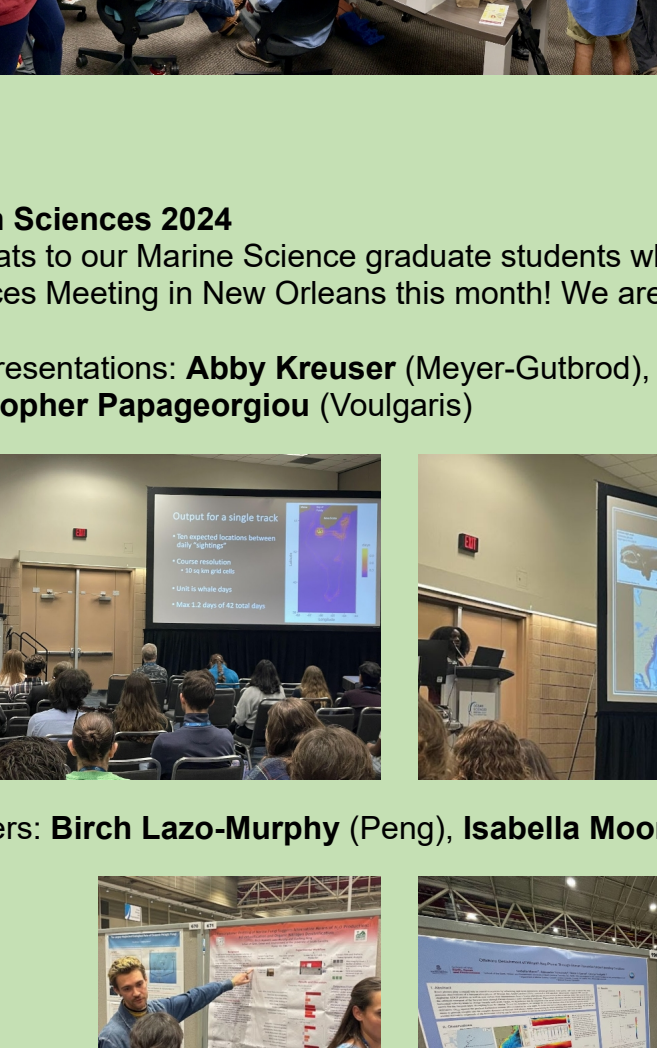
New office. Who dis?

Dr Joe has a new office location.
Visit Joe on the second floor,
in **EWS 204**



Still looking for Summer Internships
or Opportunities: [Click here](#)

Sustainability Initiative Event



SUSTAINABILITY INITIATIVE EVENT
Network with Sustainability and Supply Chain experts
Sonoco Pavilion
March 14th, 6:00 - 7:30 pm

Graduate Office

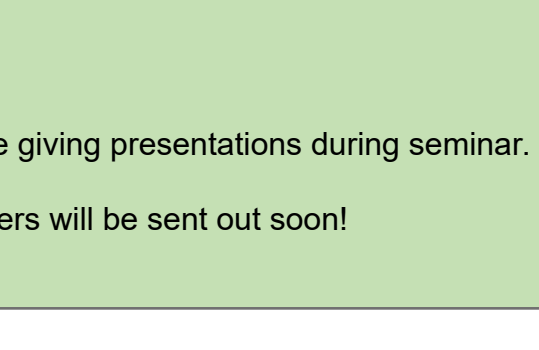
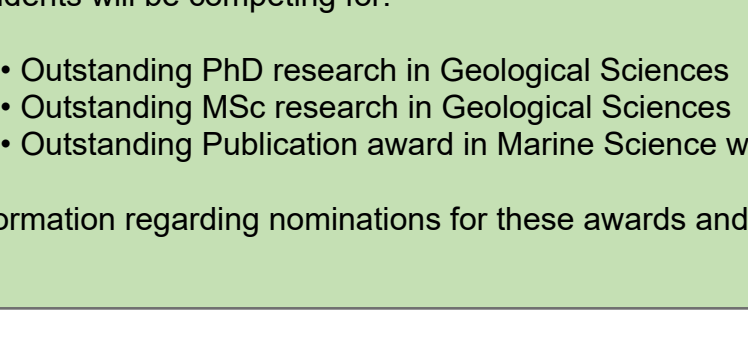
Qualifying/Comprehensive Exams:

Well done **Owen Jensen** (Yogodzinski) on his successful PhD Comprehensive Exam. Boron isotope evidence for deep-slab serpentinite in the source of Aleutian magmas. **Yay Owen!!**

Congratulations to current MSCI undergraduate students, **Jackie Bald** and **Adrianna Florit**, on receiving the opportunity of the Millennium Graduate Scholar Award. We hope to see them both in our graduate degree program as 5-year masters students!

On-site Graduate Student Recruitment event!!

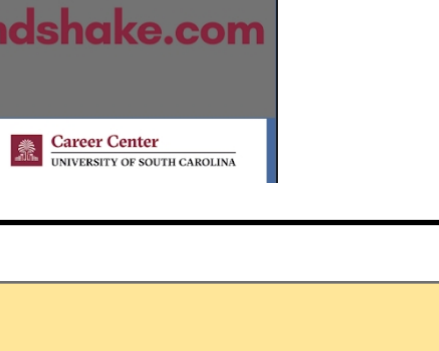
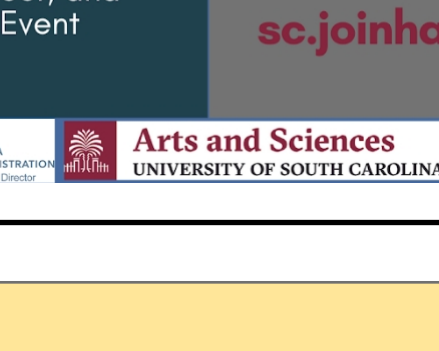
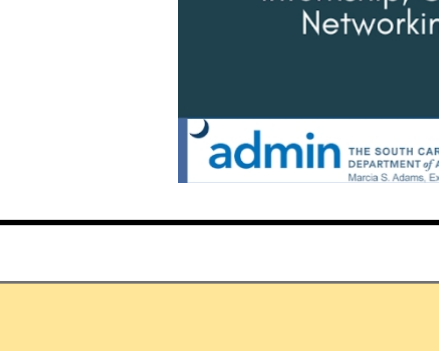
The SEOE hosted prospective graduate students this past month! At the lunch social, current graduate students shared their favorite parts of Columbia & USC and offered advice on choosing a grad program. After interviews with faculty, we headed to Hunter Gatherer for lively conversation over delicious food and drinks (the lamb chops were a big hit!). *We hope to see many of their faces in our halls next year!!*



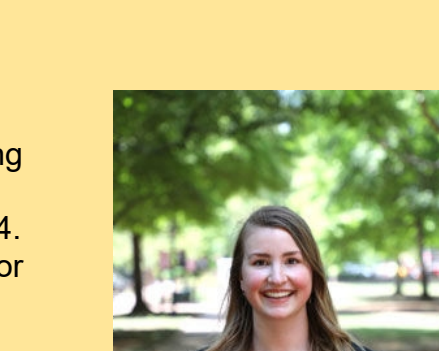
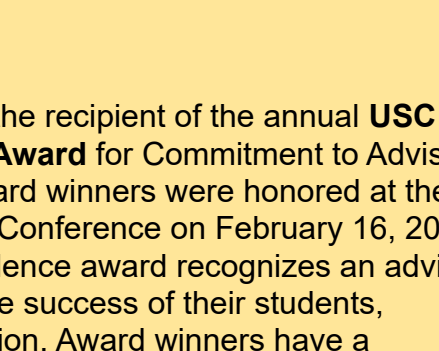
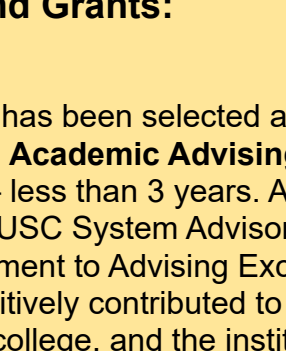
Ocean Sciences 2024

Congrats to our Marine Science graduate students who presented their research at the 2024 Ocean Sciences Meeting in New Orleans this month! We are so proud of all your hard work!!

Oral presentations: **Abby Kreuser** (Meyer-Gutbrod), **Amadi Sefah-Twerefour** (Meyer-Gutbrod), and **Christopher Papageorgiou** (Voulgaris)



Posters: **Birch Lazo-Murphy** (Peng), **Isabella Moore** (Yankovsky), and **Madeleine Thompson** (Peng)



SEOE Grad Day!! Save the date for March 28th!

Students will be competing for:

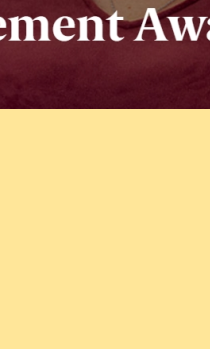
- Outstanding PhD research in Geological Sciences
- Outstanding MSc research in Geological Sciences
- Outstanding Publication award in Marine Science will be giving presentations during seminar.

Information regarding nominations for these awards and others will be sent out soon!

South Carolina State Agency Industry Day

Internship, Career, and Networking Event

WEDNESDAY, MARCH 27
1:30 - 4 P.M.
RUSSELL HOUSE BALLROOM



Pre-register & learn more

sc.joinhandshake.com

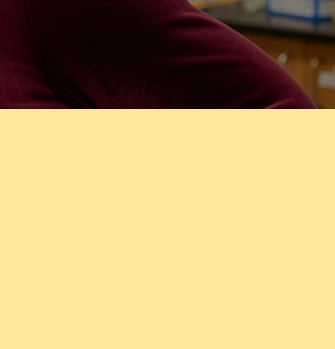
admin THE SOUTH CAROLINA DEPARTMENT OF ADMINISTRATION
Arts and Sciences UNIVERSITY OF SOUTH CAROLINA
Career Center UNIVERSITY OF SOUTH CAROLINA

Around the Department News

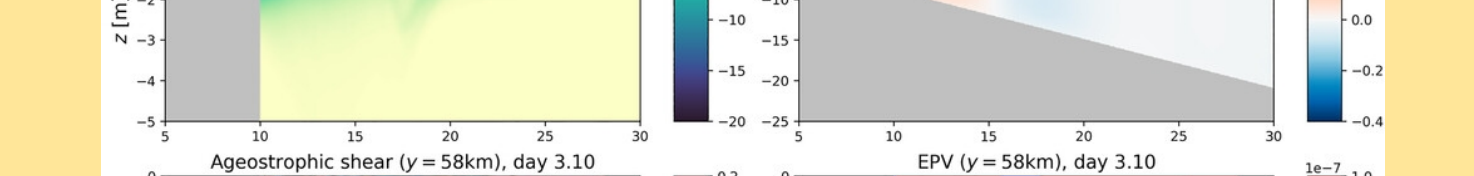
KUDOS!!

Awards and Grants:

Alexa Dean has been selected as the recipient of the annual **USC Institutional Academic Advising Award** for Commitment to Advising Excellence – less than 3 years. Award winners were honored at the 11th Annual USC System Advisors Conference on February 16, 2024. The Commitment to Advising Excellence award recognizes an advisor who has positively contributed to the success of their students, department/college, and the institution. Award winners have a demonstrated commitment to advising excellence through their advising practice and participation in professional development. *Congratulations Alexa!!*



Congratulations to **Tammi Richardson**, honored with the **SEC Faculty Achievement Award** and SEC Professor of the Year nomination!! Read more about Tammi's research and her work with the [Institute for Clean Water and Healthy Ecosystems](#).



Tammi Richardson honored with 2024 SEC Faculty Achievement Award

Presentations

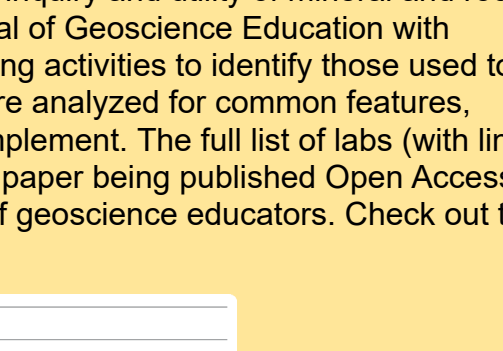
- **David Fuente** presented his work at the Hazard Vulnerability and Resilience Institute titled "Meq unguvatkarput" Water is our livelihood: The challenge of providing resilient water and sanitation services to Alaska Native communities. Nice job David!!

Publications:

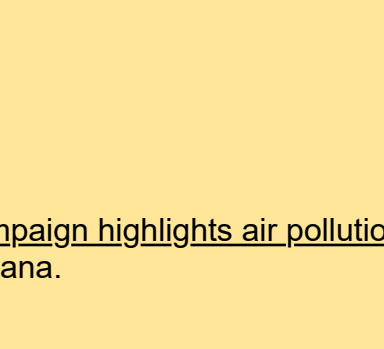
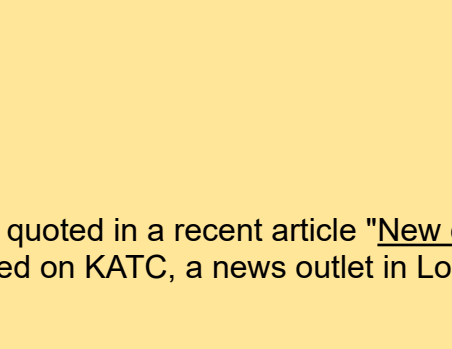
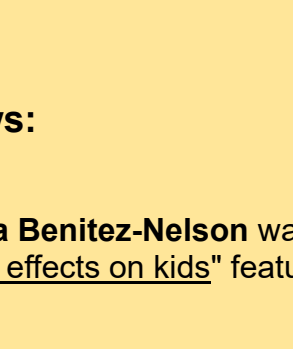
- **Sasha Yankovsky** has a new paper out written together with his daughter Elizabeth. The Cross-Shelf Regime of a Wind-Driven Supercritical River Plume. Journal of Physical Oceanography, 54, 537-556. DOI:<https://doi.org/10.1175/JPO-D-23-0012.1>



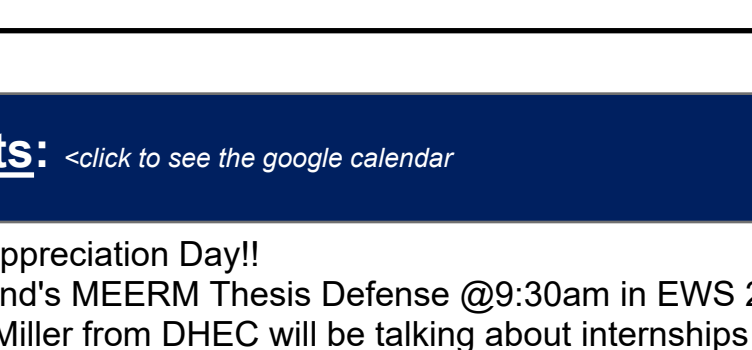
- **Monica Barra** has a recent publication in a collection of short essays on the topic of "coastal futures" the Society for Cultural Anthropology. "Restoration and Reparations: Imagining Coastal Repair." Theorizing the Contemporary, Fieldsights, January 25. <https://culanth.org/fieldsights/restoration-and-reparation>



- **Alicia Wilson**, Andrew Osborne and **Scott White** are co-authors of a recent publication on Large-scale groundwater flow and sedimentary diagenesis in continental shelves influence marine chemical budgets. Nature Communications. <https://doi.org/10.1038/s41467-024-44919-7>



- **GEOL 542 students Meryssa Piper, Jessica Frankle, Sophia Owens, Blake Stubbins and Lance Tully** published their class project, A review of the inquiry and utility of mineral and rock labs for use in introductory geology courses, in the Journal of Geoscience Education with **Katherine Ryker!** The team reviewed hundreds of teaching activities to identify those used to teach intro students about rocks and minerals. These were analyzed for common features, samples, inquiry levels and how easy they would be to implement. The full list of labs (with links!) is included. Many thanks to the SEOE for supporting this paper being published Open Access, which will make it accessible to a much wider audience of geoscience educators. Check out their awesome work at this link [here!!](#)



In the News:

- **Claudia Benitez-Nelson** was quoted in a recent article "New campaign highlights air pollution's harmful effects on kids" featured on KATC, a news outlet in Louisiana.

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](#).

Follow us on Social Media

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

March 4-8th - SEOE Appreciation Day!!

March 11th - Victor Pond's MEERM Thesis Defense @9:30am in EWS 210

March 22nd - Ronald Miller from DHEC will be talking about internships @2pm EWS 102

March 27th - CAS State Agency Industry Day - RH Ballroom 1:30-4pm

March 28th - SEOE Grad Day!!