IMPORTANT DATES

- TODAY Tuesday, February 1: Last day to submit an Undergraduate Application to Graduate in Spring 2022.
- Tuesday, February 8: Undergraduate Application to Graduate in Summer 2022 opens.
  - NOTE: Seniors completing Field Studies this summer will apply to Graduate in Summer 2022 but still walk in the spring commencement ceremony. If you already applied to graduate in Spring 2022 but will be completing your Field Studies this summer, you will need to submit a Graduation Update application.
- Wednesday, February 9: Last day for students to withdraw with a status indicator of “W” from Express I classes.
- Wednesday, February 23: Last day of Express I classes.

SUMMER 2022 FIELD STUDIES

NOW is the time to reserve your spot for Summer 2022 Field Studies! Please see the email from Ms. Kristen White sent on Friday, January 28 at 5:45 PM with subject line “Summer 2022 Field Studies Course Fees and Deadlines” for important information about GEOL 360: Field Studies and GEOL 366: Field Studies Geology and Paleontology. Both courses will run from mid-May to early-June.

The India Field Studies study abroad program has been cancelled for Summer 2022 due to India's COVID-19 travel restrictions. In its place, Dr. Vijay Vulava is working to offer GEOL 362: Field Studies in Environmental Geosciences during the Summer-II term (July 2022) focusing on water and environmental geoscience issues within the Colorado River basin. More information is coming soon.

SAVE THE DATE: COLLEGE OF CHARLESTON EXPO

CofC is hosting their inaugural campus-wide Expo 2022 to showcase student research, scholarship, creative inquiry, and community service. Save the date for Expo 2022 on April 7th from 10:30 am – 1:00 pm in TD Arena.

PRINT A 3-D GEOLOGICAL COMPASS

GSA Today published an article with instructions on how to 3-D print geological compasses to use for teaching and research purposes. 3-D geological compasses will help students to understand how to use a geological compass at a fraction of the cost of normal compasses. Read the article here!

INTERNSHIP MEETING ZOOM LINK

Miss the Zoom internship meeting with Dr. Beutel a couple weeks ago? Here is the Zoom recording to hear about internship opportunities and how to apply!
**SOUTH CAROLINA ACADEMY OF SCIENCE ANNUAL MEETING**

The South Carolina Academy of Science Annual Meeting will be held on Saturday, April 2, 2022 at the USC Aiken campus. Abstracts to present a talk or poster are due by Friday, February 4th, and the registration deadline is Tuesday, March 1st. Read more about the meeting and register [here](#).

**SEISMOLOGY RESEARCH OPPORTUNITIES**

Dr. Jaume is looking for 2-3 students interested in seismology research to focus on recent earthquake activity in South Carolina. Students will ideally have the opportunity to present findings at the 2022 Eastern Section-Seismology Society of America Meeting. Please contact Dr. Jaume ([jaumes@cofc.edu](mailto:jaumes@cofc.edu)) if interested!

Specific projects include:

1. **Microearthquake Clusters in the Source Zone of the 1886 Earthquake** - the new seismic network that was put out in and around Summerville, SC starting in May 2021 has recorded numerous small earthquakes with nearly identical seismograms. This indicates the earthquakes are located very close to each other. This project would involve identifying and attempting to precisely locate these "earthquake clusters" to reveal what they tell us about active faulting in the area.

2. **The December 2021 to ??? Elgin-Lugoff, South Carolina Earthquake Sequence** - starting with a magnitude 3.3 earthquake on December 27, 2021, the Elgin-Lugoff area northwest of Columbia, SC has been hit by 17 earthquakes (the most recent on January 27, 2022). The goal of this project is to better locate these earthquakes and compare them to the local geologic structure and magnetic anomalies. You may also have the chance to work with USGS scientist Dr Anji Shah on this project.

3. **The October-November 2021 Monticello Reservoir Earthquake Swarm** - the Monticello Reservoir, which supplies cooling water for the VC Summer Nuclear Power Station north of Columbia, SC, is known for triggering swarms of microearthquakes. A new earthquake swarm occurred last year. While 7 of these earthquakes were large enough to be located by the US Geological Survey, examination of seismic data from the nearest seismometer reveals that there were many more smaller earthquakes. The goal of this project is to document the total number of earthquakes in the swarm, locate/relocate the largest events, and compare the timing of the earthquake swarm with the water level in Lake Monticello to see if it potentially triggered these earthquakes.

**GSA TODAY ARTICLE ON ENTRY-LEVEL GEOSCIENTIST SKILLS**

Check out [this article](#) from the Geological Society of America’s “GSA Today” journal about the most sought-after entry-level geoscientist skills in the workforce today!

**JOB AND OPPORTUNITY BOARD**

- Clean Energy Corps
• The Department of Energy is hiring over 1000 people to work in the Clean Energy Corps across the country. Recent graduates who will be the next generation of climate leaders are encouraged to apply!
  o Find out more information [here](#).

• Research Associate at Nova Southeastern University GIS and Spatial Ecology Lab
  o Full-time position in Ft. Lauderdale-Davie, FL
  o Seeking applicants interested in coral reef disease research, coral reef restoration, and large-scale programmatic fish and benthic monitoring data collection
  o Read more [here](#).

• Arctic REU Greenland Field Opportunity
  o Field research in Precambrian metamorphic rocks integrating geologic mapping, structural geology, and earthquake dynamics
  o On-site dates: June 23 – August 4, 2022
  o Application deadline: Monday, February 7, 2022
  o Find out more [here](#).

• NASA Astrobiology Early Career Collaboration Award
  o Application deadline: Tuesday, February 1, 2022
  o Read more [here](#).

• The Lewis and Clark Fund for Exploration and Field Research in Astrobiology
  o Application deadline: Tuesday, February 1, 2022
  o Read more [here](#).

• Royal Tyrrell Museum Job Openings
  o Multiple seasonal and year-round job openings available related to collections, preparation and field technicians, and visitor services.
  o Find out more [here](#).

• SC Sea Grant Consortium Job Opportunities
  o Read more about available jobs [here](#).

• Chief Joseph Dike Swarm (CJDS) Research Experience for Undergraduates (REU)
  o Field-based research experience in Georgia, Oregon, and Washington State in May-June 2022 with additional training and mentoring support provided for one year.
  o Application deadline: Wednesday, March 30, 2022
  o Read more and apply [here](#).

• Guanacaste Tectonic Sliver (GTS) REU
  o Field-based research in Costa Rica with housing, food, travel, and stipend provided. Students will complete a research project with a mentor during a year-long period after the field experience before presenting their research at a national conference.
  o Dates: July 16 – August 14, 2022
  o Application deadline: Wednesday, March 30, 2022
  o Find out more about the program [here](#).

• Kansas Geological Survey Geohydrology Internship Program
  o Students interested in biogeochemistry or ecohydrology are encouraged to apply for a 12-week paid internship position in Lawrence, Kansas.
  o Program start date: May 31, 2022
  o Preferred application deadline: Sunday, February 13, 2022.
• Learn more about the program and apply here.
• SC Department of Natural Resources Coastal Conservation Internship
  o 8-10 week, paid internship starting around June, 1, 2022
  o Application deadline: Monday, February 28, 2022
  o Find out more here.
• SAWSC Student Corps Hydrologic Field Assistant
  o Assist with hydrologic field investigations with the United States Geological Survey
  o Read more about the job here.
• Future Investigations in NASA Earth and Space Science Technology (FINESST)
  o Seeking proposals for graduate research that supports Science Mission Directive’s (SMD) science, technology, and exploration goals
  o Find out more information here.

OFFICE HOURS

Staff are available for in-person assistance during the following hours.

Kristen White, Office Manager
  Monday, Wednesday, Thursday: 10:00 am – 6:00 pm

Tim Callahan, Department Chair
  Monday, Tuesday, and Friday: 9:30 – 11:30 am
  Tuesday and Thursday: 1:30 – 5:00 pm

Jordan James, Student Office Assistant
  Tuesday: 12:30 pm – 5:00 pm
  Thursday: 1:00 pm – 4:30 pm
  Friday: 1:30 pm – 5:00 pm

Dr. Callahan and Ms. White will continue to be available virtually. To request an appointment with Dr. Callahan, please email callahant@cofc.edu and whitekl@cofc.edu.