**This email contains a lot of information on funding, graduate school, job, and career development opportunities.**

**Special registration notice regarding GEOL 402: Geospatial Science (CRN: 23252)**
Due to course coding restrictions within the Registrar's Office, GEOL 402 (combined lecture and lab) is coreq'd with GEOL 402L at the catalog level. GEOL 402L is not a separate course section in Spring 2021. Students will not be able to register themselves for GEOL 402 for Spring 2021. Please contact Dr. Tim Callahan and Ms. Kristen White for assistance with registering for GEOL 402.

**IMPORTANT DATES**
- November 24: Last day for on-campus instruction (all classes will resume online after Thanksgiving break)
- November 25-27: Thanksgiving break (no classes)
- November 30: Classes resume with online instruction
- December 4: Last day of classes
- December 7: Reading Day
- December 8-14: Exam period

**KUDOS**
- Dr. Steven Jaume recently received 2 years of funding from the USGS National Earthquake Hazard Reduction Program. Student research positions are available! See details below.

**ANNOUNCEMENTS**
- The College of Charleston has established a Cougar Inclusion Team to support members of our community who raise concerns about acts of exclusion or bias. Check out the Office of Institutional Diversity's website to learn more and to access an online form where reports can be made. More information can also be found in The College Today.

**SPRING 2021 ADVISING, REGISTRATION, & COURSES**
Spring 2021 course flyers for special topics and select elective courses are now available for viewing on our website and through this Google Drive link. Some of the courses available next semester include:
- Introduction to Coastal and Marine Geology
- Planetary Geology
- Geology & Civilization
- Introduction to Seafloor Mapping
- Introduction to Geochemistry
- Earth Systems Science *NEW COURSE*
- NASA Space Mission Design
- Seafloor Research
- ST: Marine Tectonics
- ST: Oceanographic Mapping and Characterization
- Geospatial Science
- Crustal Geophysics
- Geographical Information Systems
- ST: Advanced GIS - Express II
CHECK IT OUT
• Have you ever had that conversation with a family member or friend -- “Geology?? What are you going to do with that?”
Check out our new What Can I Do With This Major? Google doc (or our website) to discover what you can do with a major in geology and what jobs and internships are currently available for students and alumni.

CONFERENCES & WEBINARS
SCAEP (South Carolina Association of Environmental Professionals) Meeting
• Thursday, November 12, 2020, starting at 6:30 pm (social), 6:45 pm (meeting time)
• No charge for paid members or first-time attendees
• Speaker: Mike Scalzi, President and Founder of Innovative Environmental Technologies, Inc. (IET)
• Topic: In-Situ Remediation; Geochemistry and Contaminant Analysis - Remedial Strategies: Applying Appropriate Remedial Solutions
• Zoom meeting link: https://us02web.zoom.us/j/89613711452?pwd=TFR5VWhrdURJT0FZRGFqWXdJaFZwdz09

Digital Solutions to Climate and Water Challenges
• Tuesday, November 17, 2020, 2:00 pm - 3:15 pm ET
• Join experts from the ICT, water, and NGO worlds at this free webinar to learn about the digital handprint and how public policies can help maximize its contribution to climate and water solutions.
• Register here.

FUNDING OPPORTUNITIES
U.S. Geological Survey (USGS) - National Earthquake Hazard Reduction Program (NEHRP)
Dr. Steven Jaumé and colleagues at Georgia Tech have received funding for two years from the USGS to install 25 modern portable digital seismometers in the Summerville, SC region starting in Spring 2021 and lasting for 2 years. Student Research positions are available. Contact Dr. Jaumé (jaumes@cofc.edu) for more information.

South Carolina Green Industry Association (SCGIA) Scholarship
• SCGIA offers two scholarships for 2021: (1) Gold Award: $2,000 (2) Silver Award: $1,000
• Any full-time graduate or undergraduate student majoring in Plant Sciences or a related field with a minimum GPA of 2.5 are encouraged to apply.
• Scholarship winners are based on academics, related extracurricular activities, work history, and career goals.
• Application deadline: December 11, 2020
• Additional information and the application can be accessed on their website.

JOB & INTERNSHIP OPPORTUNITIES
GIS Programmer Analyst - University of California at Santa Cruz Coastal Resilience Lab (Santa Cruz, CA)
• The position will work in the UCSC Coastal Resilience Lab to assess flood risk and the benefits of nature-based solutions at local and global scales; to examine social and economic consequences from coastal hazards and climate change; and to synthesize field- and model-based data sets.
• Requirements: A BA/BS and two years of post-graduate experience; experience with ArcGIS and associated extensions; computer programming and scripting skills using Python, Matlab, or R.
• Start date: as soon as possible; work will begin remotely but will shift to in-person once stay-at-home regulations are lifted.
• Minimum salary: $60,000
• Position duration: 1 year (with reappointment considered based on funding availability)
• Application deadline: Full consideration will be given to applications submitted by November 25th. Applications received after this time will only be considered if the application has not been filled.
• Learn more and apply here.

LPI Summer Intern in Planetary Science
• A 10-week summer internship program from June 7 - August 13, 2021.
• Summer interns will work one-on-one with a scientist from the LPI or the NASA Johnson Space Center on a research project.
• Interns are chosen based on academic excellence, scientific interest, and backgrounds compatible with project needs.
• Due to the ongoing COVID-19 pandemic, the 2021 summer internship program is expected to have a virtual component; onsite internships may be available.
• Application deadline: November 23, 2020
• Learn more and apply here.

LPI Summer Undergraduate Program for Planetary Research
• An 8-week summer internship (June - August 2021) for undergraduates majoring in geology and related sciences to participate in NASA planetary geosciences research.
• Interns will work under the direction of a NASA-sponsored planetary science investigator at various science institutions.
• Stipends for internship, travel, housing, and expenses are available.
• Learn more and apply here.

Department of Energy Summer 2021 Science Undergraduate Laboratory Internships
• Gain hands-on research experience and build your professional network while collaborating on an exciting project under the guidance of a mentor.
• Recipients will receive a $600/week stipend, housing accommodations or housing allowance, and round-trip travel reimbursement.
• Application deadline: November 19, 2020
• Learn more and apply here.

The Geological Society of America - Multiple job and graduate student opportunities. Check back often for more opportunities.

AGU Pathfinder Career Center - Multiple jobs and graduate student opportunities. Check back often for more opportunities.

Summer Geology Internships - Multiple summer internship opportunities listed through the job site Indeed. Check back often for more positions.
University of Michigan: GeoClub Summer Internships - Links to a variety of summer internships designed for undergraduates entering their junior or senior years of college.

Washington & Lee University: Summer Research and Internships - Links to a variety of organizations and resources for research and internship opportunities in the field of geology.

Geothermal Resources Council: Internships - Links to multiple internships or entry level jobs appropriate for students who are active in geothermal research.

FELLOWSHIP OPPORTUNITIES
John A. Knauss Marine Policy Fellowship
- The Sea Grant Knauss Fellowship is available to students finishing Masters, Juris Doctor, and Doctor of Philosophy programs. Anyone with an interest in marine science, policy, or management are invited to apply.
- The one-year fellowship places recipients in executive and legislative offices in Washington, D.C. to gain hands-on experiences transferring science to policy and management.
- Learn more here.

GRADUATE SCHOOL OPPORTUNITIES
University of Delaware - Coastal Sediments, Hydrodynamics, and Engineering Lab (CSHEL)
- Funded graduate student position (MS or PhD) starting either Spring 2021 or Fall 2021
- CSHEL is seeking a MS or PhD student to work on a new project investigating morphodynamic processes associated with the mobility and burial of unexploded ordnance (UXO) in an estuarine/riverine setting.
- The ideal candidate will have a background in coastal/nearshore oceanography, engineering/physical sciences, or closely related field. Experience in laboratory- or field-based research, sensor deployment, and data analysis are desired.
- Interested applicants should contact Art Trembanis (art@udel.edu) for additional details.
- Applicants are encouraged to apply to the Master's or PhD in Oceanography program by February 1, 2021. Applications will be reviewed on a rolling basis.
- View their website to learn more about their graduate programs.

University of Wisconsin-Madison - M.S. in Freshwater and Marine Sciences
- Seeking two M.S. research assistants beginning in Fall 2021 for a NSF-funded project on stream restoration and flood resilience
- Both masters students will be fully-funded (tuition + stipend) and will join an interdisciplinary team with expertise in critical physical geography, fluvial geomorphology, the critical humanities, hydrology, community-based research, and freshwater ecology.
- Applicants should be interested in the full cross-disciplinary scope of the project; one research assistant will specialize in translating flood models into community decision-making tools while the other will focus more heavily on research into community perspectives.
- Learn more about the NSF project "Interactive Dynamics of Stream Restoration and Flood Resilience in a Changing Climate" here.
- Learn more about the research assistantship here.
- Learn more about the project PIs: Caroline Gottschalk Druschke, Eric Booth, and Rebecca Lave.
- Learn more about the graduate program in Freshwater & Marine Sciences here.
• Interested students should send: (1) a letter of inquiry stating qualifications and research interests; (2) a CV or resume; and (3) contact information for two references (not letters) to Dr. Carolina Gottschalk Druschke at University of Wisconsin-Madison (cdruschke@wisc.edu). Priority will be given to applications received by November 15, 2020. Selected candidates will be asked to apply to the UW-Madison Graduate School by January 1, 2021.

Case Western Reserve University (Cleveland, OH) - Graduate Student Opportunities
• Students are encouraged to apply for Ph.D. and MS programs in Earth, Environmental, and Planetary Sciences.
• Financial assistance is available.
• Application deadline: January 15, 2021
• Learn more here.

PhD Assistantship Opportunities
• Large Scale Change Monitoring from Multisource Imagery - NC State University (Funded for 4 years beginning in Fall 2021. Application deadline: February 1, 2021.)
• PhD Student - Geophysical Institute, University of Alaska Fairbanks (Funded for 12 months of RA support plus TA support and tuition.)
• Inequities in Built Environments & Active Living - NC State University (Funded for 4 years beginning in Fall 2021. Application deadline: February 1, 2021.)
• Disease Spread Modeling - NC State University (Funded for 4 years beginning in Fall 2021.)

JOB BOARD
Check out our Job Board for all current funding, graduate school, job, and career development opportunities. This site is updated often so check back regularly for new opportunities.

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

Kristen White, Office Manager
• Monday, Wednesday, Friday from 10:00 am - 6:00 pm
• *Kristen will be out of the office Friday, November 13.

Nicole Pehl, Graduate Assistant
• Tuesday and Thursday from 8:45 am - 11:45 am
• Wednesday from 8:45 am - 12:45 pm

Dr. Tim Callahan, Department Chair, and Ms. Kristen White continue to be available virtually in addition to the in-person assistance hours. To request an appointment with Dr. Callahan, please email callahant@cofc.edu and whitekl@cofc.edu.