IMPORTANT DATES

- October 28: Last day for students to withdraw with a "W" from full semester classes
- November 3: No classes (Election Day)
- **November 5: Spring 2021 registration begins**
- (Note: Students must have met with their advisor prior to registration for their advising hold to be removed. If you have questions, contact your advisor, Dr. Callahan, or Ms. White.)
- November 24: Last day for on-campus instruction (all classes will resume online after Thanksgiving break)
- November 25-27: Thanksgiving break

KUDOS

- Kudos to Dr. Scott Persons who co-authored an article recently published in *Historical Biology*. The paper is titled "An historic theropod-dominated track assemblage from the Upper Jurassic of Sichuan, China" and can be viewed [here](#).
- Kudos to Dr. Barbara Beckingham on a new journal article published in *Marine Pollution Bulletin*. The article is titled "First report from North America of microplastics in the gastrointestinal tract of stranded bottlenose dolphins (*Tursiops truncatus*)." The paper can be viewed [here](#) for free until November 12th.
- Kudos to Dr. Bobby Boessenecker and 2020 alum Addie Miller for their poster for the 2020 conference of the Society of Vertebrate Paleontology, titled "Baby Megashark Do Do Do Do: An Oligocene *Carcharocles angustidens* nursery from South Carolina." A [news article](#) on their findings was recently published by LiveScience and has been picked up by several other news outlets; it was even mentioned by Stephen Colbert in his "Meanwhile" segment on *The Late Show*.

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 registration begins November 5 based on hours. NOTE: All Geology majors have an advising hold.**

Holds will prohibit students from being able to register. You must communicate with your advisor about your plan for Spring 2021. If you do not know who your advisor is, please contact Dr. Callahan and Ms. White for assistance.

**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:

- Planetary Geology
- Geology & Civilization
- Introduction to Geochemistry
- Earth Systems Science *NEW COURSE*
- NASA Space Mission Design
- ST: Marine Tectonics
• ST: Hydrography Mapping
• Geospatial Science
• Crustal Geophysics
• ST: Advanced GIS - Express II
*More flyers coming soon!

CHECK IT OUT
• The Mace Brown Museum of Natural History has new residents, including a cast of the LARGEST T. Rex skull EVER found! Due to their size, the new skull casts are located outside of the Museum on the second floor of the School of Sciences and Mathematics Building. That means they can be viewed while the Museum remains closed! Check out the details here.
• You can now visit the Mace Brown Museum of Natural History virtually! That's right, the CCNHM Virtual Tour was recently released on National Fossil Day. More videos to come so check back often!

CONFERENCES & WEBINARS
CofC Global Warming & Climate Change Alumni Panel
Interested in a career focused on solving global warming and climate change?
• Tuesday, October 27th at 5:30 - 7:00 pm on Zoom
• Pre-registration required
• Networking and professional development program with CofC alumni sustainability professionals
• Learn what skills, knowledge, and experience you need to succeed

Keeping History Above Water: Charleston
• March 14-16, 2021
• A workshop highlighting the actions that communities are taking to ameliorate climate-related water impacts on historic resources in Charleston and across the United States
• Learn more on their website

FUNDING OPPORTUNITIES
Goldwater Scholarship Program
• Seeks to support college sophomores and juniors who show exceptional promise of becoming this nation's next generation of research leaders in the fields of natural science, engineering, psychology, and mathematics.
• The scholarship covers undergraduate eligible expenses for tuition, fees, books, and room and board, up to $7,500 per academic year for up to 2 years.
• A Goldwater Scholar will have a strong commitment to a research career in the natural sciences, mathematics, psychology, and engineering; effective display of intellectual intensity in these fields; and a potential for a significant future contribution to research in the student’s chosen field.
• Colleges and universities nominate students for Goldwater Scholarships. Students interested in the scholarship should click here to complete a Student Profile and Goldwater Scholarship Pre-Application by October 30th.
• More information can be found [here](#).

**Department of Energy Computational Science Graduate Fellowship**

- The fellowship provides outstanding benefits and opportunities for students pursuing doctoral degrees in a range of fields (including applied mathematics, astrophysics, chemistry, computer science, environmental science, life sciences, chemical and mechanical engineering, physics, and more) that use high-performance computing to solve complex problems in science and engineering.
- Application materials are due January 1, 2021.
- More information (as well as the online application) can be found [here](#).

**South Carolina Wildlife Federation Scholarships**

- $500 scholarships are available for full-time students currently pursuing degrees in any environmental field at South Carolina schools of higher education.
- Winning applicants will be chosen based on educational goals, career interests, employment and volunteer experience (including leadership).
- To apply, students should complete the [online application](#) and have a letter of support from a faculty member (which can be emailed to sara@scwf.org).
- Application deadline: October 31st

**NOAA’s Ernest F. Hollings Undergraduate Scholarship**

- Second-year students receive up to $9,500 per academic year to support their studies
- Students must have at least a 3.0 GPA by the time of the application
- Applications are due January 31st, 2021
- Paid summer internship opportunities are also available at NOAA facilities across the US. The full-time internship pays students $700/week for 10 weeks.
- More information can be found [here](#)
- Contact the Office of Nationally Competitive Awards ([nationalawards@cofc.edu](mailto:nationalawards@cofc.edu)) for more information and application help

**JOB AND INTERNSHIP OPPORTUNITIES**

**U.S Department of Homeland Security (DHS) Science and Technology Directorate Office of University Programs: Professional Opportunities for the Student Workforce to Experience Research Program**

- HS-POWER is a program open for undergraduate and graduate students majoring in STEM disciplines as well as HDS mission-relevant research areas
- Participants are involved in research at federal research facilities and other Homeland Security STEM focused entities nationwide (either onsite or virtually)
- A weekly stipend is available as well as travel and housing allowances for those working onsite
- Appointments are for 10 consecutive weeks beginning between late fall through Summer 2021; weekly time commitments vary by location
- Application deadline: October 30, 2020
- Click [here](#) to learn more and apply

**MASTER'S PROGRAM OPPORTUNITIES**

**University of Maryland, Baltimore County: ICARE NRT Master's Degree Program**

- UMBC is seeking applicants for their new NSF funded master's degree program known as ICARE - Interdisciplinary Consortium for Applied Research in the Environment.
The main goals of the program are broadening participation in the environmental workforce and community-engaged environmental research in and around Baltimore Harbor.

Applications for the first cohort that will begin in Fall 2021 are now being accepted through Jan. 1, 2021.

Student benefits may include (1) a $34,000 annual stipend, full tuition coverage, and health insurance (2) up to $7,500 in research expenses and (3) mentoring and networking with potential employers.

More information on the two year program can be found here. More information about the ICARE faculty can be found here. Interested students should complete the interest form found here.

Dr. Barbara Beckingham is an alum of UMBC's environmental engineering program and is happy to answer general questions from interested students.

**Louisiana State University's Department of Geology and Geophysics**

- MS and PhD programs are actively seeking highly motivated students to join their graduate research programs for Fall 2021.
- Research topics include mineralogy, petrology and solid earth systems; stratigraphy, geologic time and climate; sedimentary systems; geophysics; paleoenvironmental reconstruction; structure, tectonics, and landscape evolution; planetary science; polar studies; geochemistry; hydrology/hydrogeology; and energy.
- Funding opportunities include teaching and research assistantships as well as a new Applied Depositional Geosystem Fellowship (ADG), which aims to prepare MS and PhD students for careers in the oil-gas industry. The fellowship includes a $25,000/yr stipend for two years.
- Application deadline: January 1st
- Visit their website to learn more and to apply.

**PHD OPPORTUNITY**

**University of California, Santa Cruz: Dr. Margaret Zimmer's Watershed Hydrology Lab**

- Seeking 2 PhD students to join a DOE-funded multidisciplinary research team to quantify the fate and transport of groundwater-derived nitrogen to coasts
- Selected students would start summer or fall 2021 and would join a large research team with a diverse range of research interests from across the United States
- Students will focus on two research topics: (1) quantification of nitrogen speciation and transformations in groundwater and surface waters via field and lab experimentation and (2) reactive transport modeling with PFLOTRAN
- Application deadline: January 5, 2021
- Interested candidates are encouraged to contact Professor Zimmer at margaret.zimmer@ucsc.edu with information on research experiences and interests, motivations to pursue a graduate degree, and career aspirations. Please include a current CV and unofficial academic transcripts. More information about the Zimmer lab can be found here.

**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

**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.