



Department of Geological Sciences
UNIVERSITY OF COLORADO **BOULDER**

Happy Halloween!

Don't forget to stop by the front office in BESC 285 between 1:00 and 3:00 today for some wicked good treats.

Have a spooktacular day!



Important Upcoming Deadlines



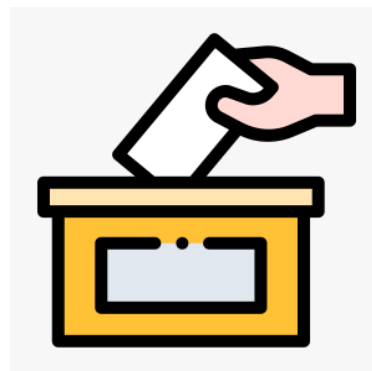
Spring Registration

Enrollment appointments for Spring 2025 classes will begin on November 4th and run until November 22nd. Your enrollment date and time is listed in your Buff Portal. Plan your schedule now and get ahead of the game!

**Buff
Portal**

Election Day

Election day is this Tuesday, November 5th. Polls will be open from 7:00am until 7:00pm, so check out the link below to find a polling place near you. You can even vote on campus at the UMC or Williams Village! If you haven't registered to vote yet, don't worry. Registration is available in person at polling places.



**Find My Polling
Place**

Department Social Events

Map Library Monster Map Hunt

Drop by the Earth Sciences & Map Library from 10:00

am to 8:00 pm today and search for maps of monsters, urban legends and more. Grab treats and follow clues to locate all the mysterious maps around the library. Hunt if you dare!



AGU Reception

We hope you can join us from 6-8pm on Tuesday, December 10th for a reception at Clyde's at Gallery Place in Washington, D.C. The University of Colorado Boulder Department of Geological Sciences will be gathering to enjoy drinks, hors d'oeuvres, and good company. Registration is required, and the deadline for registration is **December 3rd**.

[View Invitation and Register](#)

Night at the Museum

Save the date: this year's Night at the Museum will take place on November 13th. Join the BAJEDI Committee at the CU Natural History Museum and explore a world from millions of years ago! Refreshments will be served, see flyer for more details. Please RSVP if you plan to attend.

[RSVP Here](#)

[View Flyer](#)



Geology Club in November						
11 2024						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6 Geology Girl's Night	7	8	9
10	11	12 Grad Student Research Mixer	13	14	15	16
17	18	19	20	21 Board Game Night	22	23
24						30
Thanksgiving Break						

Geology Club

Join the Geology Club for Geology Girl's Night. All female and nonbinary people interested in geosciences are welcome to come bring a favorite beverage or treat and share their journeys and accomplishments on Wednesday, November 6th at 8pm. The address is yet to be determined, so keep checking the Discord announcements.

[Geology Club November](#)

Talks and Colloquium



Geological Sciences Colloquium Speaker

On Wednesday, November 6th, Dr. Emily Cooperdock will be visiting as a colloquium speaker. Her topic is: Does Mantle Weathering Help Maintain a Habitable Planet? As always, snacks and drinks will be available at 12:00 and the talk will begin at 12:30. Stop by Benson 380 to listen in.

[View Colloquium Schedule](#)

University Events

First-Gen Career Workshop

First-Gen Celebration week is next week, November 4-8, and the JEDI Office is celebrating our first-generation students with a workshop from Career Services! The workshop will take place in UMC 386 on November 6th starting at 1:00. Food will be available, so registration is required.



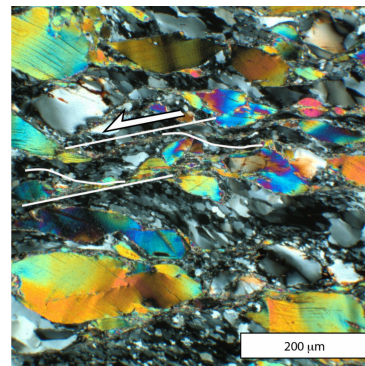
[Register](#)

Spring 2025 GEOL Classes

GEOL 4120/5120 Advanced Structural Geology and Tectonics (3 Credits)

Instructor: Kevin Mahan

This course will cover some advanced topics in structural geology and tectonics. It will provide exposure to theory and applications related to deformation (rheology) of solid Earth materials. The processes that will be covered span a wide range of depths depending on the materials, from the flow of ice and salt near Earth's surface to cataclastic mechanisms in fault rocks to plastic flow of deep crust and mantle rock. The course will involve lectures, some in-class and take-home problem sets, some lab tours and local field trips exercises (afternoon) and possibly field data analysis, classic and modern paper discussions, and a research term project (written and oral presentation).



Scholarships and Stipends



2025-26 Scholarships Applications Open Tomorrow

Scholarship applications for the 2025-26 Academic Year open tomorrow, 11/1 in your Buff Portal. Completing the general application will apply you to all scholarships in Geological Sciences as well as hundreds of other scholarships in A&S and across campus. It is well worth a few minutes of your time. Don't sleep on other opportunities! There may be additional scholarships you are eligible for but require that you answer a couple additional questions. You can find those scholarships on your recommended opportunities page.

Step-by-step Application Instructions

STEM-SEAS

STEM-SEAS is a one-week experience at sea in Honolulu learning from marine technicians. This program is fully funded by an NSF grant, and travel expenses will be paid for accepted applicants. The trip will be February 1-9, and applications are due by **November 22nd**.



Apply

More
Details



Student Pathways

Applications for the student Pathways Scholarship are open now, with a deadline of **December 1st, 2024!** This scholarship is a one-time award of \$500-\$1000, depending upon the number of applicants, for students with disabilities pursuing fields of study within the geosciences. This scholarship is open to both full-time and part-time students and can be used to cover the cost of tuition, rent, bills, or other financial obligations they may be dealing with.

Apply

**More
Details**

AWG Brunton Awards

The Association for Women Geoscientists is now accepting applications for the 2025 Brunton Awards, awarded annually to advanced undergraduate ($\geq 3^{\text{rd}}$ year) and graduate students with a passion for and experience with field work and whose gender has been historically under-represented in the geosciences. Awardees receive a Brunton compass, a 1-year AWG membership, and up to \$1000 towards field-related expenses. Applications are due **December 15th**.

Association for Women Geoscientists Brunton Awards

Promoting the future of field work for the upcoming generation of geoscientists whose genders have been historically under-represented in the geosciences.

Applications due Dec. 15

Awardees receive a Brunton compass, up to \$1000 for field-related expenses, and a 1-year AWG membership



learn more at
www.awg.org/ScholarshipsandAwards

**Learn More and
Apply**



PhD Projects

There are currently two exciting PhD projects looking for help, with scholarships through the ARIES Doctoral Landscape Award (subject to confirmation, at the University of East Anglia in Norwich, UK.). Please contact Jess Johnson (Jessica.johnson@uea.ac.uk) or Lidong Bie (l.bie@uea.ac.uk) for more information and an informal chat. Deadline for applications is **January 8th, 2025**.

**Magmatic Plumbing
Project**

**Fibre Optics and Machine Learning
Project**

Rich Herbert Memorial Scholarship

Offered through the Colorado Section of the American Water Resources Association, this scholarship is open to undergraduate students. It is geared towards students with involvement in research or independent study pertaining to hydrology, engineering, hydrogeology, geomorphology, aquatic biology, water law, water-resources policy or planning,

environmental science or other topics concerning water resources in Colorado. The application deadline is **January 10th, 2025**.

[Learn More and Apply](#)



Association of Engineering Geologists



The Association of Engineering Geologists has an online system for looking at and comparing scholarships. It includes many options, with requirements and application guidelines clearly listed. If you're looking for a scholarship that fits you, check it out at the button below! The deadline for all scholarships listed is **January 15th, 2025**.

[AEG Website](#)

Chancellor's Fellowship Program

Texas A&M has introduced a new 4-year Ph.D fellowship program in science, technology or mathematics. The Ph.D. student will be paired with a National Academy member to earn a Ph.D. under their supervision. The Chancellor's Fellowship Program offers to pay tuition and fees plus a \$40,000 stipend. Applications are due **January 17th, 2025**.

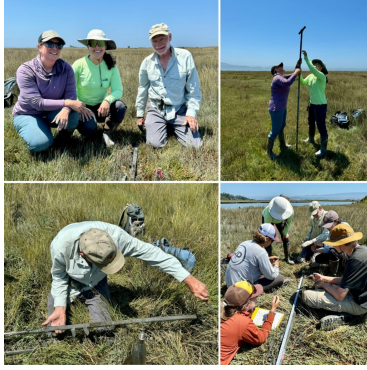


[Learn More and Apply](#)

Student Jobs and Internships

CRESCENT Program

Cores to Code (C2C) is a 3-week paid summer research experience that will delve into the interdisciplinary study of the earthquake and tsunami history of the Cascadia subduction zone. The program will be based out of Cal Poly Humboldt, a minority-serving institution. Students will conduct



geologic fieldwork in Humboldt Bay coastal marshes, collect marsh sediment cores, conduct laboratory analysis on the cores, and explore how these geologic data are integrated into the geophysical models that help characterize past earthquakes along the Cascadia subduction zone. At the end of the program, students will synthesize and present their findings to their peers, mentors, and local community. C2C seeks a broad applicant pool with the goal of engaging a new, diverse generation of coastal geologists and modelers. The application deadline is **February 15th, 2025**.

**Learn More and
Apply**

Miss a Newsletter?

Check out past newsletters at [this link!](#)

Just So You Know...

The undergrad newsletter will be sent out each Thursday at noon, so check back weekly for news, job and funding opportunities, and messages from your faculty. If you have something you would like to share in a future edition of the newsletter, please email geoloffice@colorado.edu.



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