



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



As the Spring semester winds down, we know things are busy—with final projects, exams, and maybe even a few field trips still to come. A big thank you to everyone who volunteered at Admitted Student Day and spoke with the department alumni board—your enthusiasm makes a real difference!

Take a quick break and stay connected with the geo-community through important department updates, upcoming activities, and summer opportunities.

Important Upcoming Deadlines

Graduation Deadlines

Please RSVP for the Geological Sciences recognition ceremony online using the Google Form linked below as soon as possible. If you do not RSVP by **April 25th**, we cannot guarantee that you will be included in our department recognition ceremony.

Thursday, May 1st is the deadline for undergraduate students to submit or cancel a Spring 2025 graduation application in Buff Portal (11:59 p.m.).



**GEOL Recognition Ceremony
RSVP**



Fall Honors Thesis

Are you interested in doing an Honors thesis this fall? Now is the time to get working! **April 29th** is the deadline to register your project with the Honors Council. Prior to that, you will have to find an advisor, develop your project, and meet with the Geology Honors Council representative (Professor Brian Hynek) to gain approval. Questions can be sent to hynek@lasp.colorado.edu.

**Deadlines and More
Information**

Upcoming Events

Campus Sustainability Summit

All Buffs and community members are invited to attend the 32nd annual Campus Sustainability Summit, which takes place Tuesday and Wednesday, **April 22 and 23** at the UMC. This two-day event presents many opportunities to share, learn about and celebrate the wide array of accomplishments, challenges and new ideas related to sustainability in the CU Boulder community.

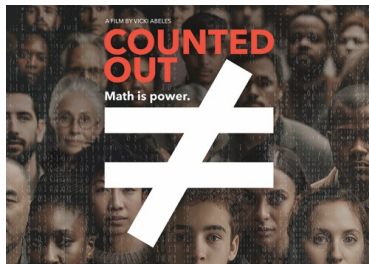


Drop 'N' Swap: Donate and pick up new-to-you items such as clothing, shoes, accessories, outdoor gear, office supplies, housewares, room decor and more. (April 22, noon to 5 p.m.)

Student Idea Showcase: Learn about sustainability and climate solutions from CU Boulder students and vote for your favorite. \$5,000 in cash prizes is up for grabs! (April 22, 1 to 4 p.m.)

Campus Sustainability Awards: Join us at the awards ceremony as we recognize outstanding efforts toward continuing the leadership and legacy of sustainability at CU Boulder. (April 23, 12 to 1 p.m.; Advance registration required.)

[More
Details](#)



Counted Out - Math is Power

Artificial Intelligence. Health Insurance. Climate Change. Democracy. What do they all have in common? Math. Despite its prevalence, we have a math crisis in America. What's at risk if we don't address it?

Join us on **Tuesday, April 22, 2025** at 5:30 pm at JSCBB (Butcher Auditorium; East Campus) for a free screening of **"Counted Out,"** a new documentary that shines light on math as the foundation of democracy and economic opportunity.

RSVP is required, and space is limited! Reserve your free tickets below.

[Get](#)

Gathered in Darkness

During the eclipse last year, NSF NCAR was supporting CATE 2024, a citizen science project that worked with folks from along the path of totality to take observations during totality. A documentary about the project is premiering at the NSF NCAR Mesa Lab on April 23rd.



What: Film premiere of *Gathered in Darkness*

Where: NSF NCAR Mesa Lab (1850 Table Mesa Drive, Boulder, CO)

When: Wednesday, **23 April at 7pm MT** - come early to mingle, eat snacks, walk the red carpet, and take photos!

Reserve your [tickets](#) soon - they are going fast.

After the event, hear from scientists on the project and the filmmaker about total solar eclipses, CATE 2024, and documenting a large-scale citizen science project.



Summer Skill Up

Kickstart your career journey! Explore career paths and essential skills with a Challenge Cards Activity, then pick a Google Career Certificate to complete by fall 2025. Come to C4C room S350 on **Tuesday, April 22nd** for some career tips and free food!

The **Geological Advisory Alumni Board** has created a four-page resource highlighting hot topics and emerging fields in geoscience careers—from **geothermal energy** and **carbon capture** to **soil restoration**, **water resources**, **remote sensing**, and **science communication**. Whether you're planning for grad school, industry, or public outreach, [this guide](#) offers insights into where the field is growing and how you can get involved.

Want to connect with the board or learn more? Visit the [Geological Alumni Advisory Board website](#) to explore resources and connect with departmental alumni!

Colloquium and Department Events



Geological Sciences Colloquium Speaker

On **Wednesday, April 23rd**, Dr. Ana Gonzalez-Nayeck will be visiting from Baruch College as a colloquium speaker. Her topic will be, "Where does all the photosynthetic sugar go? Exploring the consequences of sugar exudation on the carbon isotopic composition of microbial biomass." As always, snacks and drinks will be available at 12:00 and the talk will begin at 12:20. Stop by Benson 380 to listen in!

[View Colloquium
Schedule](#)

Earth Mysteries and Histories

"Earth Mysteries and Histories" is an Earth Science outreach event for visitors of all ages, from kids to retirees. The event has interactive and guided hands-on exploration stations. Visitors are invited to discover and learn about oceans, groundwater, fossils, earthquakes, volcanoes, climate change, and more!



Meet other students, faculty, and staff of the Department of Geological Sciences and Museum of Natural History to learn about Earth Science in a fun and hands-on way!

This event will take place in the gallery and café spaces at Level 1 of the JSCBB on **Saturday, April 26th**.

[More
Details](#)



Save the Date - Spring Formal

The BAJEDI committee would like to announce that we will o-fish-ally be having a second annual Spring Formal! Mark your calendars for **May 1st, 2025**, and plan to spend your evening dancing the night

away *under the sea* at the **Devonian Disco!** Formal invitations to follow!

If you would like to help with decorating/set up/clean-up for the event, be sure to click [here](#) to fill out the volunteer form!

Featured Fall 2025 GEOL Electives

Will Not Be Offered Again Until 2027



Microbial Planet Lab- Fall 2025 Tues/Thurs 1-4 pm.

Microbes are everywhere—they're the invisible master chemists behind Earth's geochemical cycles, from breaking down rock and organic matter to influencing carbon flow and climate. In this course, you'll explore how microorganisms shape the lithosphere and biosphere and **gain real-world research skills.**

Students study non pathogenic microorganisms they isolate themselves from soil as part of the course. Hands-on topics covered in class include how to isolate & culture new microbes; how to observe, describe and classify them; and how to examine their metabolic capabilities such as the production of antibiotics and lipids. **This course will not be offered again until 2027**, so enroll now if you're interested!

[View Syllabus](#)



GEOL 4341 – The Cryosphere: Ice in the Earth System - Fall 2025

Tues/Thursdays 9:30 – 10:45
[Dr. Irinia Overeem](#)

Curious about glaciers, permafrost, sea ice, and how Earth's icy systems influence climate and landscapes? **GEOL 4341** is an **advanced introductory course** for science majors exploring ice's physical nature and its role in the Earth system—from snowpack formation to sea-level rise.

Thinking about a career that includes fieldwork or policy related to polar regions, mountain environments, or cold-climate systems? This course provides the scientific foundation to understand and contribute to work in those high-stakes areas.

Avoid a Scheduling "Fault"—Plan Now for



GEOL 2700!

If you need **GEOL 2700: Intro to Field Geology** to stay on track for your degree, now's the time to start planning!

The next three offerings of this essential course will be on Tuesday and Thursday afternoons in

- Fall 2025
- Spring 2026
- Fall 2026

☐ **NOT available in Maymester or Summer 2026**

Whether preparing for upper-division field courses or thinking about internships or research opportunities, GEOL 2700 builds the **core skills** you'll need: mapping, observations, data collection, and geologic interpretation *in the field*.

Now is a great time to talk with your academic advisor or geology faculty mentor about when GEOL 2700 fits best in your schedule and how it connects with your other course plans.

Don't miss your window—let's make sure you're ready to hit the ground running (and mapping)!

Opportunities

CU Geological Sciences Front Desk Assistant



Dependable student needed for department front desk position to assist in providing reception duties such as answering phones, greeting visitors, triaging questions. Additional duties include (but are not limited to):

- distributing mail
- signing for packages
- copying, scanning, and filing documents
- posting flyers and maintaining bulletin boards
- updating the department's Google calendar
- publishing a weekly newsletter
- posting on the department's Instagram account
- supporting weekly departmental events
- taking on special projects

Good communication skills are a must. Previous customer service experience is preferred. Student is expected to commit to 10-20 hours per week.

Preference will be given to students who can fill this role throughout the entire academic year (May 2025 through May 2026).

The expected starting hourly pay for this position is \$16.00 per hour.

Apply below or on Handshake - application closes April 25th!

See more opportunities available to you in our Google folder!

Apply

More Opportunities



AAPG Veterans Scholarship

The Deana and Paul Strunk Military Veterans Scholarship Program supports education and career opportunities for veterans, aids in the transition of veterans to educational and civilian technical professions, and promotes geoscience programs in higher education institutions.

The Foundation awards scholarships ranging from \$2,500 to \$5,000 to cover the cost of attending a four-year accredited college or university. Scholarships are available to both active U.S. military service members (including National Guard and Reserve) or veteran members separated from active military service who have been honorably discharged, and are entering or re-entering a post-secondary undergraduate program in a field of geoscience full time or part time. Eligibility also includes military dependents (spouses and children) for the following categories: deceased, disabled, active and veteran.

Deadline: April 30, 2025.

See more opportunities available to you in our Google folder!

Apply

More Opportunities

Dallas Geological Society Scholarship

The Dallas Geological Society (DGS) Scholarships



are one-year awards of up to \$5,000 given to current undergraduate and graduate students pursuing a degree in Geological Sciences. Selection is based on academic achievement, financial need and school and extracurricular activities. Preference will be given to undergraduates who have completed 12 semester hours of advanced or core geology courses beyond the introductory level. **Deadline: May 1, 2025.**

See more opportunities available to you in our Google folder!

Apply

More Opportunities

Miss a Newsletter?

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

Just So You Know...

The undergrad newsletter will be sent out each Thursday, 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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