



Important Upcoming Deadlines

Summer 2026 Applications Start Now: Lock In Your Future!



Don't wait, competitive Summer 2026 internships and programs open as early as November and peak between January and February. We'll be highlighting opportunities in upcoming newsletters, so get ready to apply! Get Prepared:

- Update your materials: Refresh your résumé and draft a flexible cover letter or personal statement. Start identifying recommenders early.
- Connect with resources: Visit the [**CU Career Center**](#) for résumé reviews, LinkedIn support, and Handshake postings. Meet with your [**academic advisor**](#) to discuss fit within your degree plan, and reach out to Geology Undergraduate Mentors for personalized application tips.

Your future self will thank you for getting a head start!

Updated Building Access Hours

Access to the Benson Earth Sciences Building now aligns with the hours of the Jerry Crail Johnson Earth Sciences & Map Library.

New Building Hours:

- **Monday–Thursday:** 7:30 a.m. – 8:00 p.m.
- **Friday:** 7:30 a.m. – 5:00 p.m.
- **Sunday:** 12:00 p.m. – 8:00 p.m.



**Reminder: CU Withdrawal Deadline
Approaching**



Students, don't forget: the deadline to withdraw from classes is **October 28** (check your specific course's session for potential variations). After that date, withdrawing may require special approval and could affect tuition refunds, your transcript (you may receive "W" grades), and your financial aid.

Before withdrawing, talk with your advisor and review policies through the Office of the Registrar.

Spring Upper Division Courses

Choose Your Geoscience Superpower: Geochemistry & Isotopes Courses
Don't just study rocks—learn how to read their chemical and elemental fingerprints! These upper-division courses are essential for students pursuing careers in environmental consulting, water resources, energy, and advanced research.



GEOL 4380 Fundamentals of Stable Isotope Geochemistry (3 cr)

This course teaches students the fundamental principles of stable isotope fractionation during physical and biological processes, and the application of these behaviors to a wide range of important geologic questions. The course will use classic case studies from the geologic record to illustrate these principles.

Instructor: Dr. Katie Snell



GEOL 4611 Organic Geochemistry (3 cr)

Explores the "biomarker concept" as a tool to elucidate microbial, biogeochemical, and climatic processes in natural systems through three fundamental goals: a) characterization and classification of organic molecules in complex, natural mixtures; b) biosynthesis, transport, transformation, preservation and destruction of organic matter in nature; c) application of lipid biomarkers and their stable isotope composition to study biological, biogeochemical, and climatic processes in modern and ancient systems.

Instructor Dr. Julio Sepulveda

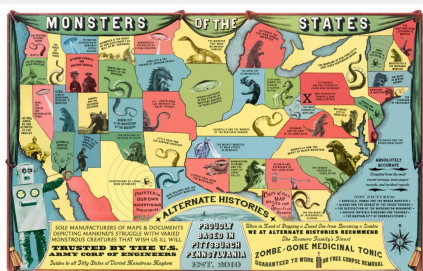


GEOL 4670 Isotope Geology - back after a while!

Introduces principles of stable and radiogenic isotope systematics in inorganic and organic geochemistry. Emphasizes application of isotope data to problems in igneous, metamorphic and sedimentary petrology, geobiochemistry, and petroleum genesis.

Instructors: Dr. Lang Farmer
and Dr. Shaily Rahman

Department Social Events



Halloween Monster map and candy hunt in the Earth Science Library

Search for spooky monster maps and find candy in the Earth Sciences & Map Library on **October 31st 9-5pm!** Clues will be provided if you want to play the scavenger hunt, but everyone's welcome to wander around and find maps at random.



[Register Here](#)

CU Earth Science Symposium 2025

The annual Earth Science Symposium returns **Saturday, November 15** (9:00–1:30 pm, Benson Earth Sciences Building)! This poster and networking event welcomes students and early career researchers to share their work, connect with local geoscience professionals, and enjoy coffee, speed networking, and lunch goodies. Whether presenting or attending, register by **November 10**.

Coffee Social

This next Coffee Social will be held on the **2nd floor landing** area instead of 380. It will still begin at 10:30 and go until 11:30. Feel free to swing by grab some coffee, tea, donuts, and bagels!



2025 Geology Club October						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			Office Hours Benson 265 5-7pm	2	3	4
5	6	7	8	9	10	11
12 Leaf Peeping Hike!	13	14	15 OSA Practice Presentation	16	17	18
19	20	21	22	23	24 21+ Wine and Rock Tasting Event	25
26	27	28 Rock Shop Tour	29 Lizzy Trower Research Highlight	30 Halloween Party	31	

Geology Club - October Events

Join Geology Club this month for a full lineup of fall fun and academic events!

Upcoming Events:

- **Oct 28th:** Rock Shop Tour
- **Oct 29th:** Lizzy Trower Research highlight
- **Oct 30th:** Halloween Party!

Colloquium & Happenings

Geological Sciences Colloquium

Join us next week (**10/29**) for a special Meet

Your GeoColloquium Committee session, an open discussion for GEOL department members to share feedback on what's working well and what could be improved about GeoColloquium. This is a great chance to help shape future seminars and make them even more engaging and valuable for our community. Session will begin at **12:20 outside of 380!**

[View Colloquium Schedule](#)

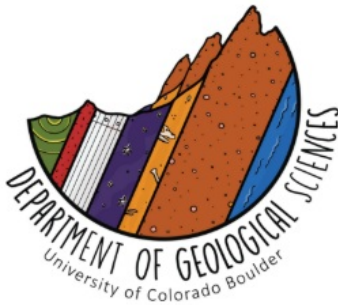


GSA 2025: Congratulations to Our Presenters!

A massive round of applause to all the undergraduate and graduate students who represented our department and presented their research at the **Geological Society of America (GSA) Annual Meeting** this past week! Your hard work, dedication, and excellent presentations showcased the best of our program.

See the Highlights!

Couldn't make it? Photos from the GSA meeting are now posted on the official CU Geology Instagram page! Go check them out!



University Events

NMED Rapid Hire Event

The New Mexico Environment Department (NMED) is hosting a Rapid Hire Event to fill over 35 positions in Albuquerque and Santa Fe, including roles for Environmental Scientists, Engineers, Water Resources Professionals, Project Managers, and more.

- **Saturday, October 25, 2025**
- 9:00 a.m. – 2:00 p.m.
- Expo New Mexico – Manuel Lujan Jr. Exhibit Complex, Building A (300 San Pedro Dr. NE, Albuquerque)

Bring three copies each of your résumé, references, and unofficial transcripts, and come dressed for success!



[Learn More](#)

Interested in Teaching or STEM Outreach?



CU Teach is CU Boulder's secondary STEM teaching licensure and outreach program. Enroll in EDUC 2035: Designing STEM Learning Environments this spring (T/Th 11:00–12:15 or 12:30–1:45) to explore teaching and work with local youth.

CU Teach students can now earn a dual major in Middle & High School Teaching, and the Noyce Scholarship offers \$18,500/year for eligible participants.

Student Opportunities

NSF Graduate Research Fellowship Program (NSF GRFP)

Seniors, gap-year students, and first- or second-year graduate students are eligible to apply for the prestigious NSF Graduate Research Fellowship Program (GRFP). The fellowship provides three years of support, including a \$37,000 annual stipend plus tuition and fees.

- Deadline (Geosciences): **October 30, 2025**, 5:00 PM local time (other fields have different deadlines).
- Resources: **Program website**, recording of CU's info session (Passcode: Q*0EWSVD), slide deck, and sample proposals.



If you are considering graduate school, start preparing your proposal now!



Hertz Fellowship Applications Now Open!

The Hertz Fellowship supports the nation's most promising innovators in applied sciences, mathematics, and engineering. Open to college seniors, gap-year students, and first-year graduate students, this fellowship offers five years of support.

- Deadline: **October 31, 2025**
- Learn more and apply here: **Hertz Foundation Fellowship**

Additional opportunities can be found at **Pathways to Science**.

Apply and Learn

Opportunities with the Center for Land Surface Hazards (CLaSH)

The Center for Land Surface Hazards (CLaSH) is opening multiple student and post-doc positions for AY 2026–27! Participants join an interdisciplinary cohort connected across institutions through annual meetings, workshops, and collaborative research on landslides, debris flows, flooding, and related surface hazards

CLaSH scholars gain professional networking opportunities, field experience in diverse landscapes, and chances to design outreach that advances community awareness and preparedness. Current projects are recruiting students for research in Puerto Rico, Alaska, Appalachia, and California, among other locations. Prospective students should contact potential advisors directly.



**Learn
More**



2026 Rich Herbert Memorial Scholarship

The Colorado Section of the American Water Resources Association (AWRA) is offering scholarships (typically \$500–\$4,000) to students researching Colorado water resources—including hydrology, hydrogeology, geomorphology, aquatic biology, water law, or environmental science.

- **Deadline: January 9, 2026**
- Who can apply: Undergrad, Master's, and PhD students at any Colorado college or university
- Apply online: www.awracolorado.org
- Questions? Contact Rob Zuber at rob.zuber@state.co.us

NSF SOARS 2026 Applications Now Open!

The National Science Foundation's *Significant Opportunities in Atmospheric Research and Science* (SOARS) program is accepting First-Year Protégé Applications through **January 20, 2026**. SOARS is an undergraduate-to-graduate bridge program that supports students from diverse STEM fields through research, mentoring, and professional development in the atmospheric and Earth system sciences.



Participants receive a paid 11-week research experience, housing and travel support, and potential tuition assistance. Learn more and apply at soars.ucar.edu/apply, and join the informational webinar on **November 13, 2025 at 2:00 pm MT**.



Apply Now: Graduate Fellowship for STEM Diversity (GFSD)

Applications are now open for the Graduate Fellowship for STEM Diversity (GFSD) — a partnership among industry, government, and higher education supporting U.S. doctoral students in the physical sciences and related engineering fields.

The fellowship provides up to six years of funding, professional mentoring, and connections with top employers nationwide. GFSD especially encourages applications from women and historically underrepresented minorities.

- Apply by visiting gfsd.onlineapplications.net

Outside the Classroom



Be sure to follow our Instagram page [@cu_boulder_geology](https://www.instagram.com/cu_boulder_geology) for updates including upcoming events, department news, and photos from our students!

[View our Page](#)

Just so you know...

The undergrad newsletter will be sent out each Friday afternoon, so check back weekly for news, job and funding opportunities, and messages from the department. If you have something you

would like to share in a future edition of the newsletter, please email geoloffice@colorado.edu.

Annual Geology News 2025



[Our Company](#) | [Contact Us](#) | [FAQs](#) | [Privacy Policy](#)

Benson Earth Sciences | 2200 Colorado Ave | Boulder, CO 80309 US

[Unsubscribe](#) | [Update Profile](#) | [Constant Contact Data Notice](#)



Try email marketing for free today!