



Important Upcoming Deadlines

Meet Dr. Abbott, an Undergraduate Faculty Mentor

For those of you who haven't met me, I teach classes like Geology of Colorado, Introduction to Field Geology, and Scientific Writing. I look forward to the opportunity to work with most of you sometime during your undergraduate career, most likely in the field geology course.

In addition to my teaching, I (along with Jennifer Stempien) am an undergraduate faculty mentor. Only a handful of departments at CU offer this program, which benefits you because it expands the group of resource people available to answer your questions. Either Amairany Casillas-Alcala or Jordyn Dwyer is your official CU advisor, and they are your go-to people for answering questions about the nuts and bolts of CU graduation requirements. What Dr. Stempien and I add to your resource mix is that both of us are practicing geoscientists, so we are well positioned to answer questions you might have about career options, how to search for the best fit graduate school, or, more immediately, how you can get involved in department research as an undergraduate. I'm happy to chat about anything that's on your mind, but those are some ways I could usefully supplement the great advising you get from Jordyn and Amairany.

Here's a bit of my background, in hopes it will trigger questions you have for me. I grew up in Boulder, and all the hours I spent recreating in the local mountains, climbing, hiking, skiing, and kayaking sparked my desire to study geology in college. I love the science, and I find that geologists are usually people I can relate to, so I've found my passion. My main scientific interest remains how mountains are built, same as when I started my geology career. I have degrees in geology and geophysics, and I've done several internships and worked for a geophysical service company. I taught at Prescott College, a small liberal arts school in Arizona, and at Red Rocks Community College before arriving here at CU geology. I do a lot of geology writing and speaking for broad, non-science audiences, so can give you tips on science communication if that's a field that interests you.



You can make an appointment with me on the Hub the same way you do with Jordyn and Amairany. I have multiple openings on Wednesdays. If Wednesdays don't work for you, shoot me an email and we'll set up a time that works for your schedule. Come on in for a visit; I look forward to chatting with you.

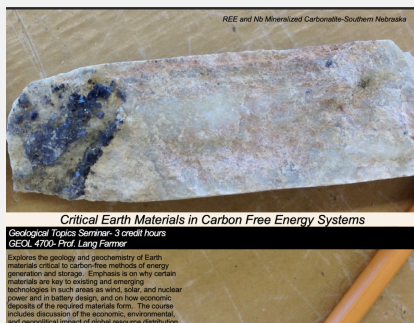


Reminder: CU Withdrawal Deadline Approaching

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



GEOL 4700 Topic: Critical Earth Materials in Carbon-Free Energy Systems (3 cr)

Explores the geology and geochemistry of Earth materials critical to carbon-free methods of energy generation and storage. Emphasis is on why certain materials are key to existing and emerging technologies in such areas wind, solar, and nuclear power and in battery design, and on how economic deposits of the required materials form. The course includes



GEOL 4444 (3) Data Visualization for Earth and Environmental Scientists

Want to learn how to make beautifully ugly plots like this programmatically in R? (Also, nice plots for your manuscripts and posters...). Join Data Vis in Spring 2026.

Data fluency and visualization are highly desirable skills both inside and outside of academia. This class focuses on the power, theory, best practices, and common pitfalls

discussion of the economic, environmental, and geopolitical impact of global resource distribution and of ore extraction and refining.

Instructor: Dr. Lang Farmer
MWF 9:05 - 9:55 BESC 355

Requisites: CHEM 1 and 2

of programmatic data visualization with hands-on in-class programming sessions and fun weekly data wrangling and visualization exercises using data from across the earth, environmental, and biological sciences. We'll be using Quarto/ RMarkdown notebooks and tidyverse-style R programming for data wrangling; ggplot2 and its powerful grammar-of-graphics approach for data visualization; and Git & GitHub for code management, collaborative coding, and instructor/peer feedback.

Instructor: Dr. Seb Kopf
MW 11:15 - 12:15 PM, BESC 385
Requisites: Restricted to students with 57-180 credits (Juniors or Seniors).

Department Social Events



A Big Congratulations!

Congratulations to **Atticus Baker** and **Soren Rollin** of Team *The Tremors* for winning 3rd place this past Wednesday at the 2025 Society of Exploration Geophysicists (SEG) Student Challenge Bowl World Championships! The SEG Challenge Bowl, launched in 2006, is an international competition that tests students' breadth and depth of knowledge in geoscience. Well done, Atticus and Soren!

**Interested in
Competing?**

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**.



Register Here

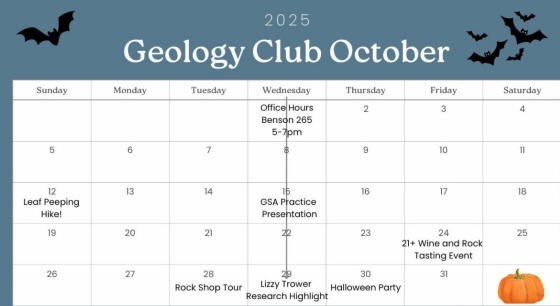
Coffee Social

As a reminder department Coffee Social is held every **Monday at 10:30 am in room 380**. Now that the weather is starting to cool off, we will most likely be inside, weather permitting it will be held outside by the globes. Stop by grab some coffee, donuts, and connect with your peers!



Geology Club - October Events

Join Geology Club this month for a full lineup of fall fun and academic events! Office Hours are every Wednesday, 5–7 pm in Benson 265. Come connect, learn, and celebrate geology all October long!



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 GSA 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	

Colloquium & Happenings



- **Geological Sciences Colloquium**

No Colloquium this week! Join us next time for more exciting talks!

[View Colloquium Schedule](#)

University Events

CU Geosciences Reception at GSA - All Buffs Welcome!

Heading to GSA in San Antonio? Join fellow CU Boulder alumni, students, faculty, and friends for the Geological Sciences Reception on Monday, October 20, 7:00–9:00 pm in Republic A/B/C at the Grand Hyatt. Enjoy reconnecting with the Buff community and celebrating CU's geoscience achievements. You don't need to be registered for GSA to attend—just stop by and say hello! Hosted by Anne Sheehan, Chair, Department



National Transfer Student Week: Oct. 20–24!

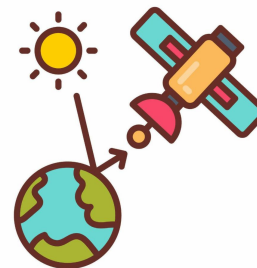
Celebrate our Transfer Buffs with a week full of events and free food! All events are open to all transfer students, come join the fun and connect with the community.

- Association of Non-Traditional Students (ANTS)

For students 22+ looking for peers with shared experiences, check out the newly revived ANTS (formerly NTSO). Visit their website or join their Discord to get connected.

- Transfer Advocate Trainings

Want to better support transfer students? Attend Transfer Advocate 101 & 201 to learn about transfer student experiences, challenges, and success strategies. Sign up today!



Student Opportunities



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 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
More**

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**



Natural Science Peer Mentoring

Meet with a Peer Mentor!

Connect with peer mentors for guidance, networking, and study support. The CUBE Office also offers open hours, a modern study space, free coffee, tea, snacks, and printing.

Gold Bioscience Building A2B60

thecube@colorado.edu

[Interest Form](#)

Outside the Classroom



Be sure to follow our Instagram page [@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!