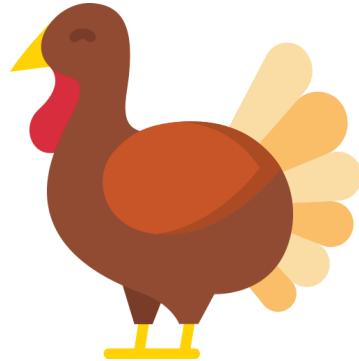


Happy Fall Break!

Congratulations on making it to Fall Break! We've made it to the home stretch, just three more weeks until the last day of classes.

The Geological Sciences administrative offices will be operating remotely November 26th and campus is closed November 27-28 in observation of the Thanksgiving Holiday.

Enjoy a well-deserved week of rest with friends and family and we'll see you back in Benson for the last two weeks of classes in December!



Department Social Events

Coffee Social

There is no coffee social next week, however we will hold one on **December 1st**, back in Benson 380! Have a great break and see you then!



Colloquium & Happenings



No Colloquium Next Week

Happy Fall break! There will be no colloquium on Wednesday, November 26th.

The colloquium series will resume on Wednesday, December 3rd with Dr. Lucien Nana Yobo!

[View Colloquium Schedule](#)

Topic: Earth's Fiery Past: Large Igneous Provinces, Anomalous CO₂, and their Environmental Impacts

Congratulations to Lark Jones on Successfully Completing Their Honors Thesis!

We are proud to celebrate Lark Jones, who recently defended their honors thesis and will graduate **Summa Cum Laude**.

Thesis Title:

The Potential for Pre-Laramide Fault Inheritance in the Livingston Fault, Boulder County, CO



Research Focus:

This project examined a segment of the Livingston Fault for evidence of older deformation events, possibly dating back to Precambrian or Paleozoic time. By analyzing structural features, Lark explored how ancient tectonic processes may have influenced later fault development.

Committee Members:

Kevin Mahan (Advisor), Brian Hynek, Becky Flowers, and Colin West (Physics Department)

Celebrating Undergraduate Research at the Earth Science Symposium!

On **November 15**, our department hosted the annual **Earth Science Symposium**, where students, faculty, and researchers shared exciting discoveries. We are thrilled to recognize the **undergraduate students who led presentations** at this event:

Emma Marble

- *Stress estimated in a lower crustal, pseudotachylite-bearing shear zone using dynamically recrystallized quartz and plagioclase paleo-piezometry*

Soren Rollin

- *Front Range evolution at 1.4 Ga: Evidence from titanite U-Pb geochronology*
- *Identification of dateable accessory phases and inherited Fe-Ni metal grains in lunar breccia meteorite NWA 11788*

Anya Kenna

- *Tracking environmental shifts in the Great Plains with stable isotopes in sedimentary archives*

Ashley Askins

- *Methanogenesis in two geochemically distinct analog environments: Implications for ocean world habitability*

Ryan Flat

- *Timescale and mechanisms of microbialite mineralization in mobile microbialite clasts from Great Salt Lake, Utah*

Each of these projects reflects the collaborative spirit of Earth science research. Our undergraduates worked alongside faculty mentors and graduate students, contributing fresh ideas and gaining invaluable experience in real-world scientific investigations.

A Big Thank You!

We extend our gratitude to the **Earth Science Symposium Committee** for organizing this event and creating a space for early-career scientists to share their

work, connect with peers, and network with local geoscience professionals. Your efforts make these opportunities possible and help foster the next generation of Earth scientists.

Want to Get Involved?

Explore research opportunities by talking to your professors or visiting undergraduate faculty mentors to learn more. Your project could be featured next year!

Student Opportunities

Funding Alert for Undergraduate Researchers!

Do you have samples to run in **CUBES - SIL** (Stable Isotope Lab) or other CU Boulder Core Facilities? Need support for your **thesis or independent research?** The **Core Facility Voucher Program—Undergraduate Investigators (CFVP-UI)** is now accepting applications! This program provides funding for undergraduates to access CU Boulder's cutting-edge Core Labs to generate new or additional data for:

- Undergraduate research theses or research experiences
- Grant applications
- Manuscripts (new or enhanced resubmissions)
- Exploratory research that could lead to future grants or peer-reviewed publications

Important Notes:

- **Funds are distributed on a first-come, first-served basis, so early applications are strongly encouraged—ideally by early to mid next semester.**
- **Internal deadline is April 30, as all samples must be submitted and run before the end of the fiscal year.**
- This is a great way to **supplement a UROP or thesis project** with additional data and lab access.

The application just opened last week—don't miss out!



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



**American Museum
of Natural History**

[Learn More](#)

Teach Earth & Space Science with AMNH in NYC

The American Museum of Natural History is accepting applications for its Master of Arts in Teaching Earth Science Residency Program, beginning **June 2026**. This 15-month, fully funded master's program offers free tuition, books, and a \$40K living stipend in exchange for a two-year teaching commitment in a NYC high-needs school.

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



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