



Happy Winer Break!

As we wrap up another busy semester, we want to wish all our CU Boulder Geology graduate students a restful and well-deserved winter break. You've pushed through research deadlines, presentations, fieldwork, and finals. Take this time to unwind, recharge, and celebrate your hard work. Whether you're traveling, heading home, or staying in Boulder, we hope the break brings you clarity, inspiration, and a little extra sunshine. We're excited to welcome you back in the new year, ready for what's next!

Important Upcoming Deadlines

Geology Graduate Program Intranet on SharePoint!

Sign in below with your identikey to access Graduate Program Guidelines documents & Department forms for Committee Meetings. Everything you need in a one-stop-shop.



SharePoint Website



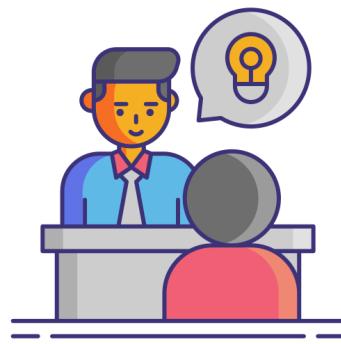
Upload Completed Committee Docs

Use the link below to submit proof of Committee Form completion.

Upload Link

NGA College Summer Internship Opportunity

The National Geospatial-Intelligence Agency (NGA) has officially opened applications for its Summer 2026 internship program, but the window is short—**applications close December 13**. Students can apply under “Temporary Hire Student” at careers.nga.mil for opportunities in Washington, DC or St. Louis, especially in geospatial analysis, imagery analysis, geodetic surveying, and image science. U.S. citizenship is required, and accepted students will complete a security clearance process



[Apply Below](#)

Colloquium and Happenings

A cartoon icon of a person wearing a graduation cap, standing next to a clipboard. The clipboard has a yellow calendar icon on it and a list of items with heart icons.

No Colloquium!

No colloquium until school returns for Spring Semester! See you all next semester for another round of amazing talks!

[View Colloquium Schedule](#)

CU at AGU

Headed to AGU in New Orleans next week? CU Boulder will be hosting a major joint-department booth (#1223) in the Exhibit Hall—stop by to connect with colleagues, share your research, and join our informal CU GEOL gathering during the Exhibit Hall Opening Reception on Monday, Dec. 15 from 4–5 p.m. Grad student Melia Kendall is compiling all CU GEOL presentations and coordinating booth staffing, so please reach out to her with your presentation details or if you'd like to volunteer.

[Email with Questions](#)





Save the Date for the 2026 Rockbusters Ball!

Join us on Friday, January 30, 2025, from 6:00–9:00 PM at the Mines Museum of Earth Science for an evening of celebration, good company, and plenty of sparkle. Enjoy delicious appetizers, a well-stocked bar, and the stunning museum collection as we kick off the New Year with fellow RMAG members. Mark your calendar—we can't wait to celebrate with you!

[More Details](#)



Résumé and LinkedIn Strategy 101

If you're exploring your next career move, it can be challenging to know where to begin. How do you convey your unique story and skillset on your résumé? How do you get noticed in a sea of applicants? And how important is LinkedIn, really?

Expert speaker and career strategy consultant, Amanda Rico, will answer all these questions and more in Episode 2 of The Career Series: Résumé and LinkedIn Strategy.

17 Thursday, 11 December 2025

12 pm CST (UTC-5)

[Claim a Spot Now!](#)

Spring Classes

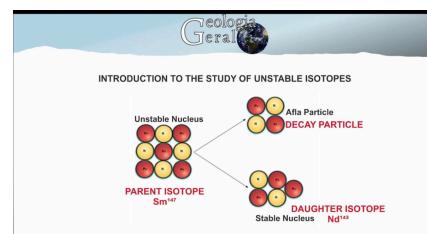
GEOL 4670/5670 Isotope Geology

This will be Prof. Lang Farmer's last time teaching this class – take it while you can!

Description:

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.

TTh 11am-12:15pm in BESC 355



Geog 5100: The Global Carbon cycle

Curious about how a single element—carbon—shapes life on Earth and drives the most urgent climate challenges of our time? GEOG 5100: The Global Carbon Cycle offers a deep, interdisciplinary dive into how carbon moves through biological, chemical, and economic systems, and how human activity is reshaping the planet's climate. The course spans processes from microscopic to global scales and includes

The Washington Post
Is the planet losing one of its best ways to slow climate change?

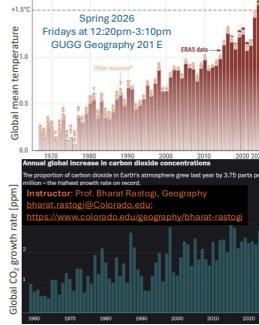
Carbon dioxide in the atmosphere hit "next-level" highs, scientists say. Earth's ecosystems breaking down under extreme temperatures could be the cause.

Read more

Geog 5100: The Global Carbon Cycle

Carbon dioxide is a simple, incredibly the biggest molecule of all, and it has to do with one of > 100 elements in the periodic table. Carbon and organic chemistry are the building blocks of life. CO₂ also keeps the Earth from being a frozen planet. Anthropogenic emission of this gas have changed global climate outside of anything experienced in human history.

We will delve into the carbon cycle and its feedbacks with Earth's climate system. We will examine processes that span spatiotemporal scales of 0.0001 mm to 100 M km² and from seconds to centuries. This is a highly interdisciplinary class with topics including atmospheric chemistry, ecology, statistics, economics, and everything that is at the intersection of these! The class will feature guest lectures from scientists at NOAA (including those who make the measurements that comprise the Keeling curve) and NCAR. The class will provide a comprehensive overview for graduate students who are interested in topics such as global climate, biogeochemical cycling at any scale, ecosystem sciences, land use change and wildfires.

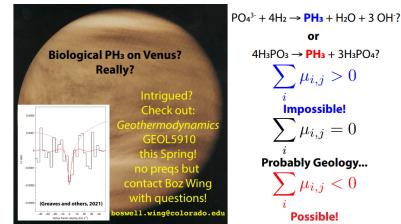


GUGG Geography 201E

[Learn More](#)

GEOL5910 - Geothermodynamics

Geothermodynamics provides a solid foundation in chemical thermodynamic concepts and calculations that can be used as a springboard to tackle a wide range of more advanced subjects in Earth science like petrological processes, aqueous geochemistry, or microbial energetics. The ultimate goals will be the derivation, exploration, and application of the third condition of heterogeneous equilibrium, which is the basis for using chemical thermodynamics to understand natural systems. Open to grads and advanced undergrads. Timing to be determined based on your schedules. No prereqs BUT talk to Boz if you feel uncertain about your background.



Funding Opportunities

Scholarships and Stipends

2025 Brunton Awards & Scholarships

The Association for Women Geoscientists is now accepting applications for the 2026 Brunton Awards, recognizing advanced undergraduate (3rd year and above) and graduate students whose gender has been historically underrepresented in the geosciences and who demonstrate a passion for fieldwork. Applications are due **Monday, December 15**, and students can apply via the new Google Form or by traditional PDF submission. Learn more below.

[Learn More](#)

Explore Opportunities with the DOE Scholars Program!

The U.S. Department of Energy Scholars Program is now accepting applicants for hands-on opportunities in fields like AI, cybersecurity, environmental management,

Association for Women Geoscientists Brunton Awards

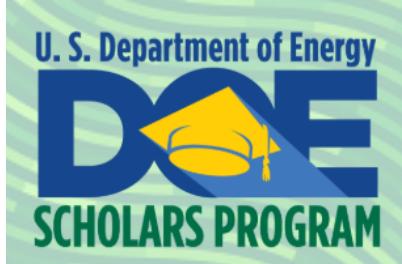
Promoting the future of field work for the upcoming generation of geoscientists whose genders have been historically underrepresented in the geosciences.

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



and more. DOE Scholars gain real-world experience, build competitive career skills, and receive weekly stipends plus travel support. If you're interested in research, technology, or policy careers, explore current opportunities and consider applying to multiple openings!

[Apply Here and Learn More](#)

Jobs and Internships

December Job Repository

Click the link below for current Postdocs, Tenure Track, Industry jobs, and Funding Opportunities! This folder is **updated continuously with new positions**. Check back soon as opportunities come in!

- PhD Opportunity at Durham University
- Tenure-Track Position in Mineralogy at Binghamton University - SUNY
- Assistant Dean for Undergraduate Curriculum



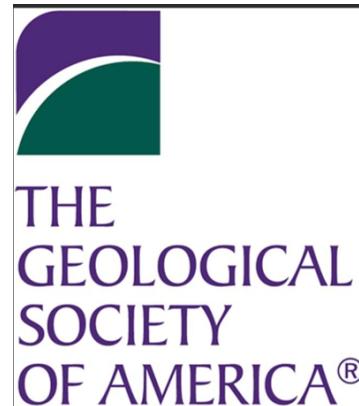
[December 2025 Repository](#)

[October 2025 Repository](#)

Graduate Research Funding

Apply for a GSA Graduate Student Research Grant!

Fuel your geoscience breakthroughs with a **2026 Graduate Student Research Grant** from The Geological Society of America! Apply now to secure up to **\$3,000** in funding to turn your research ideas into discoveries that drive the future of geosciences. Gain valuable experience, grow your professional network, and receive support to advance your research. Deadline is **February 18, 2026!**



[Apply Here](#)

Call for Proposals: Kahn Family Teaming Fund

The College of Arts and Sciences invites proposals for the new Kahn Family Community Teaming Fund, offering up to \$1,500 for community outreach projects across the arts and humanities, social sciences, and natural sciences. Faculty, staff, and students are encouraged to submit a brief project description and budget by **TOMORROW, December 12, 2025, at 5 p.m. MT**. Questions and proposals can be directed to Dana Takeuchi in the Arts and Sciences Budget Office.



Happenings Outside CU Boulder



GradCO Professional Development Workshops

GradCo's professional development series for graduate students and postdocs runs through now until December. Explore the full lineup of opportunities at the link below.

[View Workshops](#)

Grad Program SharePoint

[SharePoint Website](#)

Miss a Newsletter?

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

Just So You Know...

The graduate 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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