



## A message from the Chair...

Welcome to the inaugural edition of our graduate department newsletter! As Chair, I am excited to introduce this weekly newsletter, designed to keep you connected, informed, and engaged with everything happening in the Department of Geological Sciences - with the added benefit of reducing the volume of emails sent to the geo-grads listserv. Whether it's upcoming events, important deadlines, research highlights, or opportunities to get involved, this weekly newsletter will be a great source for staying up to date.

I also want you to know that, as Chair, I'm here to support you. Feel free to catch me at our Monday coffee hour, before or after the Wednesday colloquium, or by setting up an appointment. And starting October 30th I'll have Chair's office hours every Wednesday at 3. I'm always happy to chat about your research, answer questions, or simply check in.

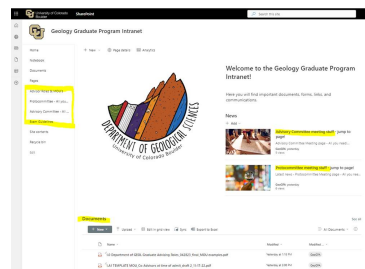
Thank you for your hard work, resilience, and making this department a vibrant place for research and discovery. Keep up the great work!

[View Dr. Sheehan's Page](#)

## Important Upcoming Deadlines

### **\*\*Announcing\*\*** the 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. Check it out, click below!



[Visit SharePoint](#)



## Upload completed Committee Docs

Use the link below to submit Committee Forms.

[Google Upload Link](#)

## Department Social Events

### Grad Talk - Kevin and Kara on 10/25/24

Come to BESC 265 on October 25th from 12 to 1 pm to connect with Kevin Mahan, the Graduate Program Chair and Kara Bajdas, the graduate Program Administrator. Food will be provided. This is a great opportunity to give feedback about the graduate program and socialize with other graduate students.



## Colloquium and Happenings



### Geological Sciences Colloquium Speaker

On Wednesday, October 23rd, Dr. Shawn McGlynn will be visiting as a colloquium speaker. His topic is: Metabolic and molecular inquiries into the geochemistry and biochemistry of early life. As always, snacks and drinks will be available at 12:00 and the talk will begin at 12:30. Stop by Benson 380 to listen in.

[View Colloquium Schedule](#)



## Picture A Scientist Showing with BAJEDI

The BAJEDI Committee will be hosting a showing of the **Picture A Scientist** documentary next Wednesday, Oct 23<sup>rd</sup> from 4:30 - 7 pm BES 380. There will be drinks and light snacks.

## "New Frontiers" (GEOL) Conference Registration and Abstract Submission

Registration and abstract submission for the GEOL Department's inaugural New Frontiers in Translational Geoscience research conference was extended until this **Friday, October 18**. The conference will be held on Saturday, November 9, 2024, in the Biotechnology Building. All conference attendees must register for logistical reasons and registration spaces are limited. Priority will be given to those presenting their research. The conference aims to connect research-active geoscience students and local geoscience professionals outside academia with one another, showcase student research, and provide a venue for mutual networking.

[Register Here](#)

## GEOL Electives and Field Classes

### GEOL 5700-836: Machine Learning in the Hydrological Science

Machine learning (ML) is changing the hydrologic sciences at a very rapid pace. Applications of ML extend from streamflow forecasting to modeling groundwater flow to predicting lake levels. ML tools provide efficient and easy-to-use alternatives to complex and computationally expensive physical models. And the results generated are often better, according to many standard validation metrics. But what are the potential downsides and pitfalls to using ML? Should we always trust the results provided by these black-box approaches?



[Register for Classes on your Buff Portal](#)

## Funding Opportunities

## Scholarships and Stipends

## Dissertation Completion FE + Carol B. Lynch Memorial FE

This fellowship is intended to provide outstanding PhD candidates with financial support to assist in the process of completing their doctoral dissertations. The fellowship consists of full support for one academic semester (either fall 2025 or spring 2026) and includes a monthly stipend equal to that of the current 50% GPTI salary, tuition coverage of up to five dissertation hours, mandatory fees, and coverage under the student gold health insurance plan. Students will need to advance to D status by the end of the Spring 2025 semester or will be ineligible to receive the fellowship. Deadline Nov. 8, 2024.



[Apply Here](#)

## Jobs and Internships

### Introducing our New Job Repository

The link below will have folders holding job postings for Postdoc's, Industry, Tenure-Track, Summer Jobs, Government, and Funding Opportunities! This folder will be updated consistently as information comes through.



[Job Repository for October 2024](#)

## Graduate Research Funding

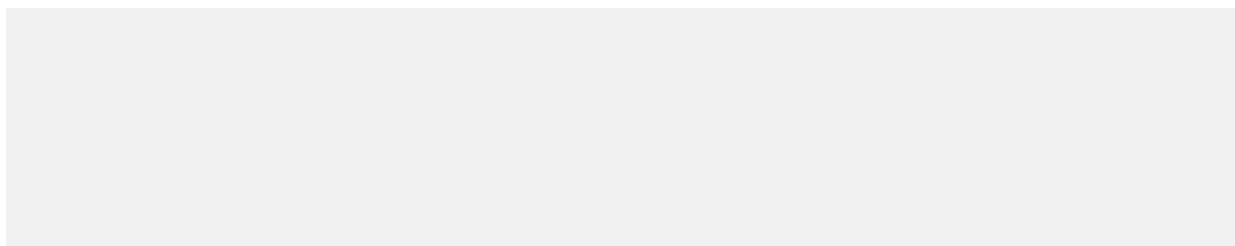
### Grad Student Research Grants

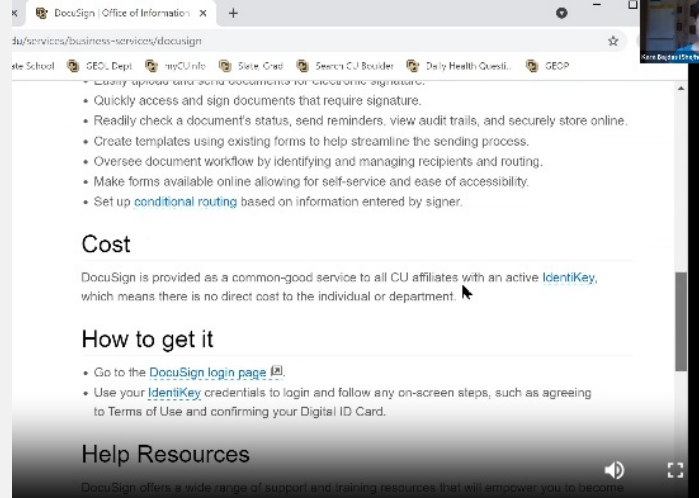
The Graduate School administers two grant funds that support the research, scholarship, and creative work of graduate students from all departments. Made possible by the generosity of our Graduate School donors, student may apply for funding up to \$1200. Deadline Nov. 8, 2024.

[Apply Here](#)



## Department News and Features





## DocuSign Help Videos

Provided below are instructional videos from Kara on how to use DocuSign to complete your committee meeting forms.

[Video Link](#)

## External Happenings Outside CU Boulder

### IDOP Blog

Catherine Ross, a postdoc in the department, is sailing on an IDOP (International Ocean Discover Program) expedition offshore Japan. She is blogging and broadcasting the experience, so check out the buttons below!



[Cat Ross's Blog](#)



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