



Brett Bertok

Hello! My name is Brett. I'm the Undergraduate Program Administrator (UPA) for the Department of Geological Sciences. I support the department by helping to coordinate things like course schedules, transportation logistics, and the hiring of hourly student employees. I also help out with events like our weekly coffee social - be sure to say howdy next time you stop by! I work in the front office (Benson 285) and encourage you stop by with any questions or concerns (or just to grab some candy). I can assist you with reserving classrooms and conference rooms, and am always happy to share whatever resources I can. I'm relatively new to the university, but I'm already very grateful for the amazing sense of community we have here in Benson. Don't hesitate to reach out if you need some help and best of luck with the end of the semester. I'm rooting for you! ☐

[Email Brett!](#)

Important Upcoming Deadlines

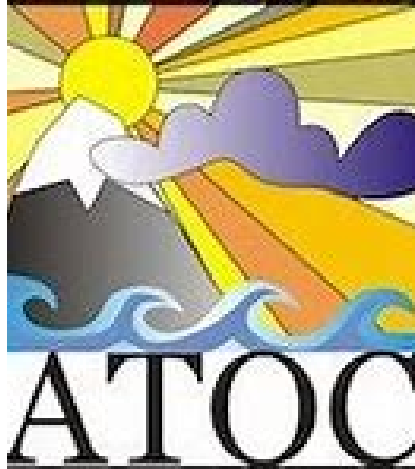
GEOL Proto & Advisory Committee Meetings

Recommended to be complete in Fall semester (if possible). Reminder to submit Committee Meeting paperwork to the Google e-inbox within 1-2 weeks of Committee Meeting. Questions? See Committee Meeting Guidelines (and lines 145-149) in SharePoint.

[SharePoint Website](#)



ATOC Poster Conference



This free conference highlights work by students and early-career researchers in Earth System & Planetary Sciences, and Space Physics and Engineering. Participation from other CU departments as well as other Front Range organizations and schools is welcome! Use the link below to register and learn more! It will take place on **Thursday, December 5th**, from **12:30 PM to 4:00 PM** in the **SEEC auditorium (C120)** on CU's East Campus.

[Register Here!](#)

Department Social Events

Graduate Thanksgiving Dinner

Thanksgiving dinner for CU graduate students, **Friday, November 15th, 2024**, from **6:00 to 8:30 pm** at the **Village Center Multipurpose Rooms** in Darley Commons. It will include traditional thanksgiving foods and plenty of vegetarian, vegan, and gluten-free options. Please **RSVP** through the link below!

[RSVP Here!](#)



Colloquium and Happenings



Geological Sciences Colloquium Speaker: Dr. Kate French

Topic: Using sedimentary organic matter for depositional models of organic carbon burial, reconstructions of Earth's past, and the search for life on other planets. Snacks and refreshments will be available outside of **Benson 380** starting at **12 pm**. The talk will begin at **12:30 on 11/20!**

[View Colloquium Schedule](#)

Stephanie Tkacik - MS Thesis Defense

[View the flyer for Stephanie Tkacik's](#)

Juliana Olsen-Valdez - PhD Dissertation Defense

[View the flyer for Juliana Olsen-Valdez's](#)

Defense. As announced, it will take place **Tuesday, November 19th, at 2:00 pm**. A zoom link for this event can be accessed through the flyer below.

Topic: "A new study of the Florissant fauna and its diversity"

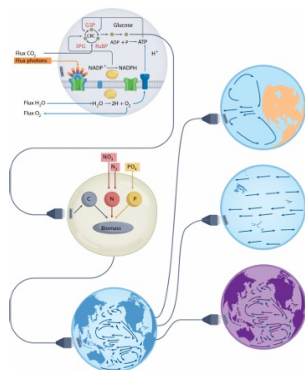
**View the
Flyer**

Dissertation Defense. As announced, it will take place **Friday, November 22nd at 11:00 am**. A zoom link for this event can be accessed through the flyer below.

Topic: "Global- and local-scale environmental change in an ancient high-elevation lake basin; carbonates and microbialites from the latest Cretaceous to middle Eocene Sheep Pass Formation, Nevada, USA"

**View the
Flyer**

GEOL Electives and Field Classes

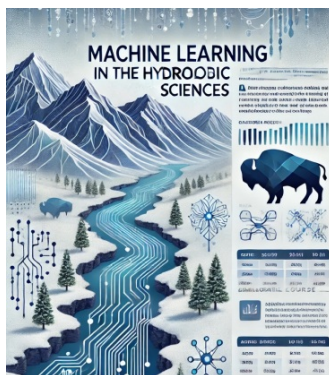


GEOL 5700-837: Geobiology by the Numbers

In this course, we will explore the metabolic principles that exhibit commonalities across scales of space and time. Mass, electron and energy balance provide quantitative constraints on their flow within metabolic networks, organisms and ecosystems, shaping how each respond to environmental change.

**Mondays 2-4 in BESC340E
(2 credits)
(boswell.wing@colorado.edu)**

**View the
Flyer**



GEOL 5700-836: Machine Learning in the Hydrological Science

In this course, we will compare ML methods to more traditional approaches to gain a better understanding of their strengths and weaknesses. Examples will be taken from snow hydrology, seasonal water supply forecasting, and groundwater modeling.

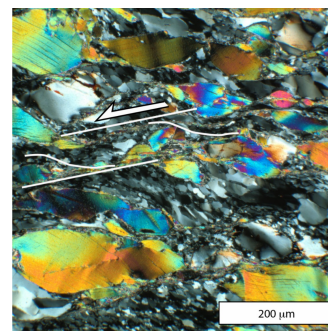
A 3-credit course that counts as an elective towards the Hydrologic Sciences Certificate

Professor: **Eric**

Small Questions? Email:
Eric.Small@colorado.edu

Wednesday: 1:00 – 3:30 in BESC

**View the
Flyer**



GEOL 4120- 5120: Advanced Structural Geology and Tectonics

This course will cover some advanced topics in structural geology and tectonics. It will provide exposure to theory and applications related to deformation (rheology) of solid Earth materials.

The processes that will be covered span a wide range of depths depending on the materials, from the flow of ice and salt near Earth's surface to cataclastic mechanisms in fault rocks to plastic flow of deep crust and mantle rock.

(3 credits)

Instructor: **Kevin Mahan**
Questions? Email Kevin
through the link below!

Email Kevin

Funding Opportunities

Scholarships and Stipends

BAM Scholarships Portal

In need of money? Scholarship applications for the 2025-26 Academic Year are available in your Buff Portal. Completing the general application will apply you to almost all scholarships in Geological Sciences as well as hundreds of other scholarships in A&S and across campus. Don't sleep on other opportunities! There may be additional scholarships you are eligible for but require that you answer a couple additional questions.



[Learn More and Apply](#)

Jobs and Internships

November Job Repository

Below is the link to the November Job Repository. The October Repository will continue to be available. Some highlighted opportunities this week include:

- TSC Internship Program
- SAGE Geophysics Program
- Marine Energy Fellowships



[November 2024 Repository](#)

[October 2024 Repository](#)

Graduate Research Funding

Figueroa Family Fellowship - due Dec 9.

This \$1,500 scholarship is available to a student working in the sciences or engineering. The applicant should demonstrate a commitment to the achievement of a diverse student body. More information and **how to apply** can be found below! Deadline to apply: **December 9, 2024**



[More Information Here](#)
[Apply Here](#)



3-Question Survey for Graduate Students in Arts & Humanities

The Center of Humanities and Art's has reached out and requested that students fill out their short survey. There are only three required questions. The purpose of this is to gather feedback on career prospects and funding experiences to help improve how the CHA supports graduate students through grants and fellowships. You can complete the survey through the link below!

[Survey](#)

External Opportunities Outside CU Boulder

AGU Career Guidance Sessions

A free, member exclusive, virtual program that is aimed to advance career and science goals. There are two sessions: Advance Your Career or Advance Your Science. Seats are limited! Sign up through the link below!



[Sign Up Here](#)

Miss a Newsletter?

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

Just So You Know...

The graduate newsletter will be sent out each Thursday at 4pm, 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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