



May 13, 2024

Welcome to summer, GDPE!

I hope you all had a restful weekend after Finals Week. Now that the field season is upon us, you can expect to see the digest on a semi-regular basis-- whenever we have new updates to share. In particular, keep an eye out for updates on fall courses, ECOL 592s, GDPE social events, and new job opportunities.

I also want to extend a big congratulations to the six (!) GDPE PhD students who were selected as 2024-2025 SoGES Sustainability Leadership Fellows-- great job to Katherin Meza, Erin Jackson, Kathy Condon, Elizabeth Diaz-Clark, Kord Dicke, and Mikko Jimenez!

Lastly, please check out the new "Faculty Features" section where we are highlighting GDPE faculty members and affiliates who have recently joined our program. Welcome to GDPE, Carrie Chennault, Micky Eubanks, and Robyn Roberts! Remember that these folks can serve on graduate student committees, so don't hesitate to reach out if you are interested in working together.

Cheers,
Lizzy Rylance
GDPE Science Communication Fellow

A Note About the Digest: *Since this digest comes from a non-CSU email address, you may need to click "trust content from this external sender" in Outlook to see images, or you could be missing important information each week!*



GDPE Event Calendar

GDPE EVENTS & ANNOUNCEMENTS

GDPE students selected as SoGES Sustainability Leadership Fellows

Six GDPE students were selected as [2024-2025 Sustainability Leadership Fellows](#) for the School of Global Environmental Sustainability (SoGES)! This fellowship program provides science communication training and other professional development opportunities for 20 advanced PhD students and postdoctoral

2024-2025 SUSTAINABILITY LEADERSHIP FELLOWS



KATHERIN MEZA



ERIN JACKSON



KATHY CONDON



ELIZABETH DIAZ-CLARK



KORD DICKE



MIKKO JIMENEZ

scholars each year. Congratulations to Katherin Meza, Erin Jackson, Kathy Condon, Elizabeth Diaz-Clark, Kord Dicke, and Mikko Jimenez!

Faculty Features

Each month the GDPE Executive Committee reviews applications for new GDPE faculty, faculty affiliates, and associates ([more on the distinctions here](#)). We reached out to some of our newest members to learn more about how they're looking to engage in the program, something exciting that they are currently working on, and any other information they'd like to share. We will continue to roll these out as they come in - and if you see them around, be sure to welcome them to our community!



Carrie Chennault

Faculty - Anthropology and Geography

I'm excited to serve on GDPE student committees and potentially recruit students to work on a variety of projects with the **Prison Agriculture Lab**, which I co-direct here at CSU. I was lucky enough to have a very interdisciplinary program in Sustainable Agriculture for my graduate training—focusing more on landscape ecology in my Master's and feminist geography and political ecology for my PhD—which in turn has made me eager to mentor students who don't see themselves as either 100% biophysical or 100% social scientists, or who desire to integrate outside-the-box perspectives into their research. I love taking a deep dive into questions of space, place, and power and why they matter for addressing socio-environmental issues, and I enjoy developing projects using participatory action and community-engaged methods. If that

excites you too, or even if you're not sure what that means but are intrigued, come by to have a chat or take a class with me.

In the 2024-25 academic year, I will be a fellow at the Joe Blake Center for Engaged Humanities at CSU, starting a new project for the lab focused on creating a digital archive of stories and artistic expressions from incarcerated and formerly incarcerated people who've worked in prison agriculture. This fellowship year will lay the groundwork for the project, which I plan to expand over the next several years in collaboration with colleagues and students in the lab. I also hope to continue working on a collaborative research project with the CSU Geospatial Centroid that focuses on using satellite data and geospatial methods to examine—and take action against—environmental injustices at prisons.

Outside of my academic passions, I am an avid Star Trek fan, especially Deep Space Nine and The Next Generation. Come chat with me if you are too. Summers in Colorado are my favorite, especially when I can escape to higher elevations to mountain bike with my wife. And local fresh summer veggies are my (tomato) jam, so let me know if you ever have too many tomatoes (or too much of anything) in your garden and are looking for a way to get rid of them. Last but not least, I am an advocate for LGBTQ+ graduate students, so my door is always open.

Micky Eubanks

Faculty - Agricultural Biology

I am an insect ecologist with expertise in community and evolutionary ecology who studies plants, their insect herbivores, and predators and parasites that attack herbivores. I work in

natural and managed systems and my research often includes invasive species. My research includes a lot of work on the ecological consequences of fire ant – aphid mutualisms. That’s probably the “jazziest” research that I’ve conducted.

I would like to serve on student committees, train students in the program, and learn more about the ecological research conducted by my new colleagues at CSU.

Although an insect ecologist by training, I am also passionate about birds and plants and spend a lot of my free time birding.



Robyn Roberts
Faculty - Agricultural Biology

My group is exploring emerging diseases in field crops, especially related to climate change and pathogen population dynamics.

I am open to serving on students' committees, collaborating on projects, and offer expertise in molecular plant-microbe interactions and plant pathology.

My group discovered a new bacterial disease of wheat, *Pantoea allii*, which causes bacterial blight disease! This manuscript is accepted for publication and should be available soon.

CSU EVENTS & ECOLOGY CONFERENCES



18th ANNUAL
**GRADUATE
CLIMATE
CONFERENCE**
NOV 1-3 PACK FOREST, WA

2024 Graduate Climate Conference (GCC)

The University of Washington will be hosting the 18th Annual Graduate Climate Conference (GCC) on November 1-3, 2024, at the Pack Forest Conference Center outside of Seattle, Washington. The GCC is an annual interdisciplinary climate conference run by graduate students, for graduate students featuring panel discussions, presentations, workshops, social events, and more. **The deadline for abstract submission is June 14th.** Apply on [their website](#)

today! There is no fee to register or apply. Acceptances will be emailed in July. Limited funding to cover any costs incurred by attending the conference will be awarded on an as-needed basis to as many participants as possible.

Share your Recent Publication or Research Highlight

FALL 2024 COURSES



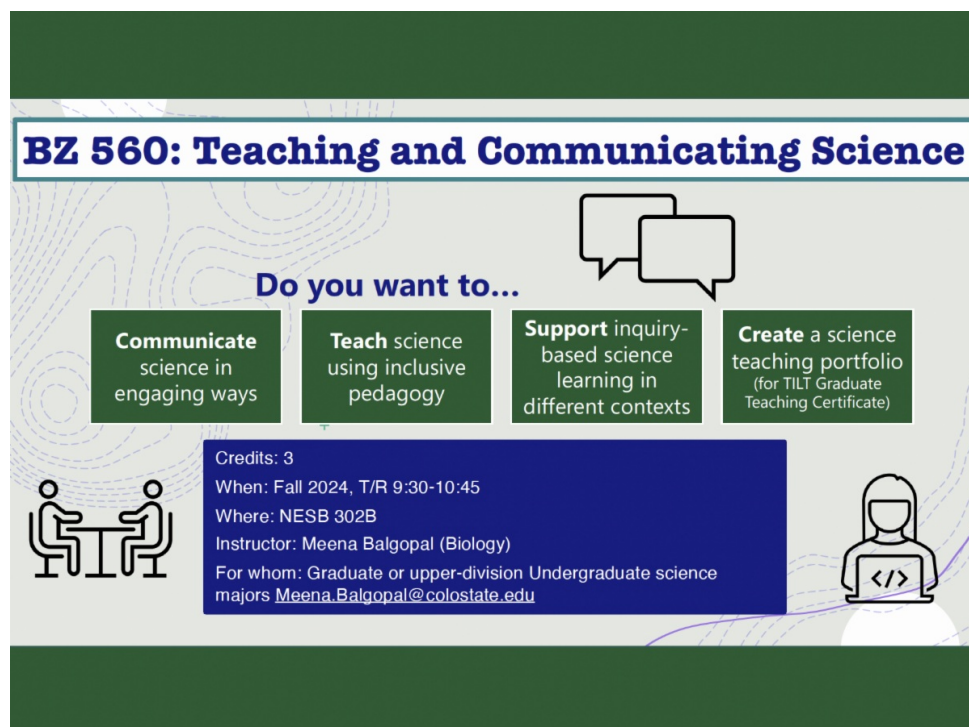
CALL FOR ECOL 592 SUBMISSIONS
Fall 2024

Scan to access the submission form

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

Call for ECOL 592 Submissions

These unique seminars provide cutting-edge ecology topics which are changed and updated each semester. We are currently accepting submissions from students and faculty for the Fall 2024 semester-- this is a great opportunity to teach on a topic that you are passionate about! Previous seminars can be found [here](#) and the submission form can be accessed [here](#).



BZ 560: Teaching and Communicating Science

Do you want to...

- Communicate science in engaging ways
- Teach science using inclusive pedagogy
- Support inquiry-based science learning in different contexts
- Create a science teaching portfolio (for TILT Graduate Teaching Certificate)

Credits: 3
When: Fall 2024, T/R 9:30-10:45
Where: NESB 302B
Instructor: Meena Balgopal (Biology)
For whom: Graduate or upper-division Undergraduate science majors Meena.Balgopal@colostate.edu

BZ 560: Teaching and Communicating Science

Tuesday/Thursday from 9:30 - 10:45 am

Instructor: Meena Balgopal

Nature of science, scientific reasoning, scientific argumentation, communication theories, and instructional strategies are explored. Develop science argumentation and communication skills in undergraduate courses and in informal settings. Create materials for a professional portfolio.

Advanced Topics: FW 561C Population Analysis (1 credit)

When: *Wednesdays 11-12*

Where: *Microbiology A 113*

The Species Status Assessment Framework

Instructors: Dr. William Kendall, Assistant Unit Leader, U.S. Geological Survey Colorado Cooperative Fish and Wildlife Research Unit and Assistant Professor, Department of Fish, Wildlife, and Conservation Biology (William.Kendall@colostate.edu)

Dr. Robin Russell, Biologist, Ecological Services, U.S. Fish and Wildlife Service (robin_russell@fws.gov)



FW 561C: Population Analysis

Wednesday from 11am-12pm

Instructors: William Kendall, Robin Russell

This course is a one-time offering to introduce students to the Species Status Assessment Framework used by the U.S. Fish and Wildlife Service. Students will be actively engaged with U.S. Fish and Wildlife Service scientists in the writing of Species Status Assessments for a select number of species. Learn from USFWS practitioners, develop team building and writing skills, and participate in the process of providing the foundational science for informing Endangered Species Act (ESA) decisions.

JOBS, GRANTS, & INTERSHIPS

USGS postdoc position available (GS-11)

There is a job announcement for a USGS postdoc position working with Michala Phillips and Ian Pearse. The goal of the position is to better understand boot brush stations (e.g. their efficacy in deterring invasive plant and pathogen species introductions, where they are, how they are used, etc). The position will be likely be based in Hilo with an option of working in Fort Collins. Applications are via USAjobs, and the closing date is May 17 or after the first 35 applicants. See the listing [here](#).

Post-doctoral associate with the Mountain Limnology Laboratory

The Mountain Limnology Laboratory (MLL) at the Institute of Arctic and Alpine Research at University of Colorado Boulder is recruiting a postdoctoral researcher to work on a project jointly funded by the U.S. Geological Survey Climate Research and Development program and North Central Climate Adaptation Science Center. The primary project centers around synthesizing and interpreting 40+ years of long-term biogeochemical, hydrologic, and meteorological data from the Loch Vale Watershed (LVWS), Green Lakes Valley (Niwot Ridge LTER), and other high-elevation wilderness lakes in the southern Rocky Mountains. Interpretation will range from site-specific to global. Review of applications will begin immediately and remain open until June 7, 2024. More information [here](#).

ORISE Fellowship in Spatial Analyses for StreamCat Watershed and National Nutrient Data

We are recruiting for a post-bachelor's or post-master's ORISE internship opportunity with the EPA lab in Corvallis, Oregon. This is a 1-2 year term position, with potential for extensions based on available funding. The internship will work on projects to improve the quality and accessibility of several large, near-continental scale geospatial datasets, such as EPA's StreamCat and LakeCat datasets and the National Nutrient Inventory. See the job listing [here](#).

GDPE Social Listserv - Please make sure to sign up [here](#) for the GDPE Social Listserv to keep up with all the fun events we have planned this year!

GDPE Student Teams Channel - Join our Teams Channel [here](#) for all GDPE-related questions, ideas, and discussions with fellow students.

Submit Photos

We want your photos! What are you up to, how is your field and lab work? Share them with us here.



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COLORADO STATE UNIVERSITY



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