



**February 5, 2024**

Thank you to everyone who participated in the FRSES & Recruitment! It was a great success, and we appreciate the hard work and dedication of our volunteers and leadership team. Your contributions made the event memorable and impactful. We look forward to welcoming back the new students with your continued support!

**Research and Travel Grants:**

Please ensure you download the latest versions of these applications, as there have been some updates. One significant change to the research proposal is that you can now include a figure on a third page, instead of trying to fit it into two pages. Be sure to review the instructions on the webpages (under [Funding](#)) for specific guidance and helpful suggestions." [Research Due Feb 13; Travel Due Feb 27]

We have a workshop coming up with Dr. Nicole Kelp [Feb. 19 from 1:00 - 3:00 pm], all about communicating scientific uncertainty – see below for more details.

Mitskie



---

## DEADLINES

**GDPE Deadlines**

**February 13** - GDPE Small Research Grant Proposals [due](#)

**February 27** - GDPE Travel & Professional Development Grants [due](#)

**March 22** - GDPE Student Awards [due](#)

**Other Deadlines**

**February 8** - Deadline to Apply to Graduate for SPRING 2024 GRADUATES. Access the form on [RAMweb](#).

**March 15** - Sigma Xi [Grains in Aid of Research](#)

*Find all of the deadline details on the CSU Graduate School's website [here](#).*

*Find all of the registration details on the CSU Registrar's website [here](#).*

---

## GDPE EVENTS & ANNOUNCEMENTS

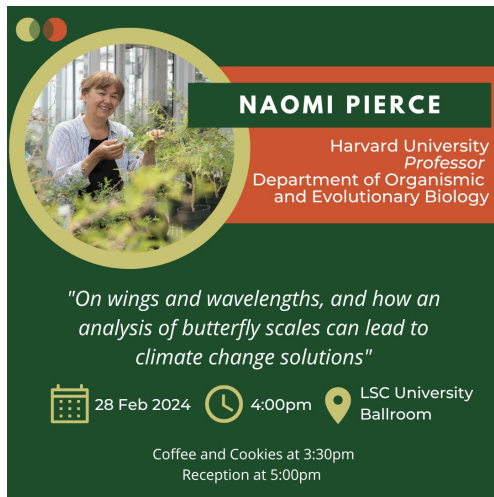
**GDPE Research, Travel, and Training Grants**

Have you applied for a GDPE grant yet? These grants are open to all GDPE students and help support a variety of needs. Earn up to \$2000 toward graduate research projects and up to \$750 for professional development and travel opportunities. The deadline for the research grant is **Feb. 13**, and the deadline for the travel and training grant is **Feb. 27**. Learn more [here](#).

### **GDPE Workshop:**

#### **Communicating Scientific Uncertainty**

Join us for our first GDPE science communication workshop of the semester! As scientists, we have a huge role to play in determining how the public interprets and understands our research. In this interactive workshop, you will learn how to navigate the tricky task of communicating uncertainty to different audiences. The workshop will be held on Monday, **February 19th, from 1-3pm in WCNR 345** and facilitated by Dr. Nicole Kelp, Assistant Professor of Microbiology, Immunology, and Pathology at CSU.



### **Distinguished Ecologist Seminar**

Please join GDPE in welcoming our **Visiting Distinguished Ecologist**, Dr. Naomi Pierce for her talk "*On wings and wavelengths, and how an analysis of butterfly scales can lead to climate change solutions*". The seminar will be held **Wednesday, February 28th** at 4:00pm in the LSC University Ballroom. Refreshments will be served from 3:30-4:00pm. There will be a reception directly following the seminar at 5:00pm. We hope to see you all there!

## STUDENT DEFENSES

### **M.S. Defense Seminar**

Carina Donne

*Evaluating Bouteloua Gracilis Cultivars' Performance After Drought; The Role of the Soil Microbiome*

February 15, 2024

11:00 a.m. MST  
NR 345



## NON-ECOLOGY CSU EVENTS

## **SOGES: Perspectives on COP28**

CSU faculty and student directors who participated in the United Nations Framework Convention on Climate Change in Dubai, the United Arab Emirates (COP28), will talk about their experiences at the conference, outcomes from COP28, and why there is reason for optimism around climate change solutions and the future.

February 7th from 5:00-6:30 p.m. at Avogadro's Number. More details [here](#).



## **GSBI Webinar: "Threats to mycorrhizae"**

**"GSBI Speaks!" February Webinar**  
**"Threats to mycorrhizae"**  
February 7th 2024, 4:00 HST, 7:00 MST, 9:00 EST, 11:00 GMT-3, 14:00 GMT, 15:00 CET, 16:00 MSK

Katie J. Field (UK)   Bala Chaudhary (USA)   César Marín (Chile)   Nhu Nguyen (USA)   Matthias Rillig (Germany)

Soil mycorrhizae occur globally and are an important component of soil biodiversity. As soils and soil biodiversity in general face threats, it will be critical to evaluate and understand how mycorrhizae are impacted by these threats. Join the [Global Soil Biodiversity Initiative \(GSBI\)](#) in this webinar with leading experts on mycorrhizae to learn more about how these threats impact mycorrhizae and potential solutions.

The webinar will be held February 7th at 7:00 a.m. MST. Register [here](#).

## **CSU Climate Initiative -- Talks on Climate Justice & Design**

Join the CSU Climate Initiative for monthly climate talks and networking sessions starting on February 14, 2024 from 3-5pm at Avogadro's Number.

Colorado State University's Climate Initiative presents talks on

### Climate Justice & Design

WEDNESDAY, FEBRUARY 14, 2024   3 - 5 pm at Avogadro's Number  
605 S. Mason St., Fort Collins

- CLIMATE JUSTICE, CONSERVATION, AND INDIGENOUS RIGHTS**  
Joel Correia  
Human Dimensions of Natural Resources
- CLIMATE ACTION AND RESILIENCE IN DESIGN**  
Lindsay Burnette  
Horticulture & Landscape Architecture
- THE APPLICATION OF NATIVE SCIENCE TO CLIMATE RESPONSES**  
Lizzy Osterhoudt  
Department of Biology

JOIN US FOR SHORT TALKS & A HAPPY HOUR TO CONNECT CLIMATE CHANGE RESEARCHERS ACROSS CAMPUS!

CCI Presentation & Happy Hour Series.  
Join us in March for the next event!  
Contact: climate\_initiative@colostate.edu

## **Eduardo Brondizio : The place of place-based actions for sustainability in Amazonia**

February 27 from 4:00 - 5:00 p.m.  
*LSC Ballroom A*

This presentation provides an overview of recent and ongoing research on the emergence and experiences of place-based initiatives advancing social and environmental goals in the Brazilian Amazon. The presentation will provide a historical context to these

Tuesday, February 27 | 4-5 PM  
Special Guest Lecture  
Lory Student Center, Ballroom A



### EDUARDO S. BRONDIZIO

University Distinguished Professor, Dept. of Anthropology, Indiana University  
Member, National Academies of Science  
2023 Volvo Environmental Prize Laureate

initiatives and reflect on the extent to which place-based initiatives can be sustained and amplified in a conflictive and changing regional context. Brondizio will discuss the possible role of emergent alliances and partnership between community, public, and private sectors and their role in addressing common problems and to leverage new opportunities to promote just sustainability in Amazonia.

## Front Range Microbiome Symposium

The 2024 Front Range Microbiome Symposium will be held at the Alumni Center in the Canvas Stadium at Colorado State University on April 18-19, 2024. Registration is open now, and student registration is only \$20. Registration will remain open for attendance and abstract submission for poster presentations until we reach capacity.

This year's keynote speaker is Dr. Serita Frey from the University of New Hampshire, and the invited speakers include Dr. Mohit Verma from Purdue, Dr. Boahemaa Adu-Oppong from Pluton Biosciences, and Dr. Matt Olm from the University of Colorado at Boulder. More information [here](#).



April 18<sup>th</sup>-19<sup>th</sup>, 2024

Colorado State University Alumni Center

Abstract and Registration opens January 16th, 2024  
[fronrangemicrobiomesymposium.com](http://fronrangemicrobiomesymposium.com)

KEYNOTE SPEAKER  
Dr. Serita Frey  
Univ. of New Hampshire



Dr. Mohit Verma  
Purdue University

Dr. Boahemaa Adu-Oppong  
Pluton Biosciences



Dr. Matt Olm  
Univ. Colorado-Boulder



MICROBIOME NETWORK  
COLORADO STATE UNIVERSITY



VICE PRESIDENT  
FOR RESEARCH  
COLORADO STATE UNIVERSITY

**REGISTRATION OPEN FOR SPRING 2024** *Dinner is served*

## INCLUSIVE STEM TEACHING PROJECT

**MONDAYS STARTING MARCH 18 - APRIL 22, 2024**

FROM 4:00- 6:00 PM  
STATISTICS ROOM 8

- Introduction
- Module 1: DEI in Higher Education
- Module 2: Instructor Identity
- Module 3: Student Identity
- Module 4: Course Design
- Module 5: Classroom Climate

**FACILITATED BY**

- Akiko Nakamura, Assistant Teaching Professor, Chemistry
- Ariene Nolasco, Director of Inclusion, College of Natural Sciences
- Carlos Olivo, Associate Teaching Professor, Chemistry
- DeDee Wright, Assistant Professor & Educational Education, Biology
- Paul Laybourn, Professor, Biochemistry and Molecular Biology
- Rosa Looza, Academic Success Coordinator, Psychology

Register with EdX and select CSU as a Local Learning Community for your registration form.

**REGISTER NOW**

Questions? Contact: [Akiko.Nakamura@colostate.edu](mailto:Akiko.Nakamura@colostate.edu)

Primary Sponsors for STEM Teaching Project are the NSF, EHR, and DUE

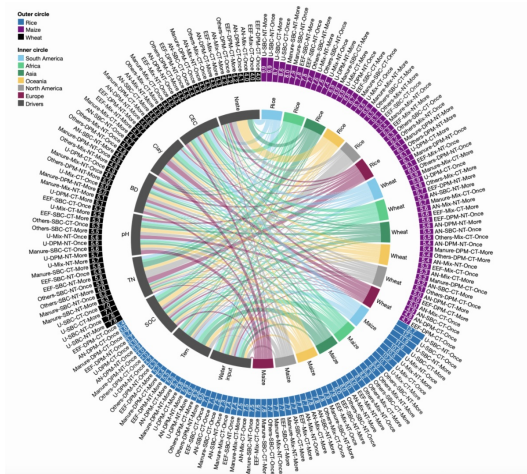
## Inclusive STEM Teaching Project

The Inclusive STEM Teaching program is designed to advance the awareness, self-efficacy, and ability of STEM faculty, postdocs, graduate students, and staff to cultivate inclusive learning environments for all their students and to develop themselves as reflective, inclusive practitioners.

NOTE: Please register with [Edx](#) and select CSU as a local community.



# Recent Publications and Highlights



## [Fertilizer management for global ammonia emission reduction](#)

*Nature* - January 2024

In this recently published *Nature* paper, GDPE member **Anping Chen** and a team of researchers used a machine-learning model to generate crop-specific and spatially explicit ammonia emission factors globally.

Read the full paper [here](#), and check out a related press release [here](#).

Share your Recent Publication or Research Highlight

## JOBS, GRANTS, INTERNSHIPS

### Postdoctoral Associates Position at the Yale School of the Environment

Are you interested in exploring the capacity of natural ecosystems to capture and sequester carbon? Join the [Malone Disturbance Ecology Lab](#) at the [Yale School of the Environment](#), to utilize data from the [National Ecological Observatory Network \(NEON\)](#) and the [AmeriFlux network](#) to evaluate patterns in carbon dynamics across natural ecosystems. The associate will design and execute workflows to spatialize CO<sub>2</sub> and CH<sub>4</sub> fluxes and concentrations for more than 100 sites from the NEON and AmeriFlux. The Associate will conduct cutting-edge research over 2 to 3 years (evaluated annually for reappointment); have access to core facilities at the Yale School of the Environment, reside locally and have a regular workspace on campus; primarily focus on research; and receive career mentorship. Click [here](#) to learn more and apply.

### Postdoc Position - Lamont-Doherty Earth Observatory of Columbia University

The [Lamont-Doherty Earth Observatory of Columbia University](#) in Palisades, New York invites applications for a Postdoctoral Research Scientist position to conduct collaborative research under the mentorship of Lamont-Doherty researchers with expertise in climate dynamics, climate modeling, and geochemical proxy reconstructions. The NSF-sponsored research will focus on understanding how orbital insolation changes influenced the climate of the Mediterranean, as reflected in paleoclimate archives and global climate model simulation, and on the implications of past mechanisms for understanding and sharpening climate projections for the region. Click [here](#) to learn more and apply.

### Science Communication (Digital Media) Assistant

**Deadline February 5, 2024**

The Latino Heritage Internship Program (LHIP) seeks to engage Latino undergraduates and recent graduates ages 18 - 30, and up to 35 for veterans, for this unmatched leadership training program that is focused in the cultural and natural resource management.

The Science Communication Intern will contribute to the Continental Divide Research Learning

Center's (CDRLC) Science Communication Program - a park-wide resource for Rocky Mountain National Park (RMNP) that utilizes a variety of digital media to facilitate science communication and outreach for internal audiences (park staff) and external audiences (the public). This project is structured to provide the Science Communication intern with the opportunity to lead, design, and develop their own robust science communication product, while exploring other research topics, and communication mediums utilized by the Science Communication Program. Click [here](#) to learn more.

---

**Wildlands Restoration is hiring!**

**Deadlines vary**

Wildlands Restoration Volunteers, a local non-profit, is hiring several positions including one permanent project manager. For more details, please contact Nate Boschmann at [nate@wlr.org](mailto:nate@wlr.org). Click [here](#) to learn more.

Submit a Job Announcement

---

**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.



GRADUATE DEGREE  
PROGRAM IN ECOLOGY  
COLORADO STATE UNIVERSITY



---

CSU Graduate Degree Program in Ecology | Colorado State University, Johnson Hall rm 102,  
Fort Collins, CO 80523-1021

[Unsubscribe ecology@colostate.edu](mailto:unsubscribe_ecology@colostate.edu)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by [ecology@csugdpe.ccsend.com](mailto:ecology@csugdpe.ccsend.com) powered by



Try email marketing for free today!

