



**February 26, 2024**

Hello GDPE friends,

This week, we are welcoming our first [Visiting Distinguished Ecologist](#) of the semester: Dr. Naomi Pierce from Harvard University! Dr. Pierce is the Hessel Professor of Biology at Harvard, curator of Lepidoptera in the Museum of Comparative Zoology, and a leading expert on butterflies. She has traveled all around the world to study the behavioral ecology and evolution of species interactions.

Dr. Pierce will be giving her seminar-- "*On wings and wavelengths, and how an analysis of butterfly scales can lead to climate change solutions*"-- this **Wednesday at 4:00 p.m.** in the LSC University Ballroom. This seminar series is a great opportunity to learn about some incredible research while connecting with your GDPE community, and there will be a reception with free appetizers and drinks afterward. I hope to see you there!

Your GDPE Sci Comm Fellow,  
Lizzy Rylance

---

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



GDPE Event Calendar

---

## DEADLINES

### GDPE Deadlines

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

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

### Other Deadlines

**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



# SPRING 2024 DISTINGUISHED ECOLOGIST SEMINAR

*"On wings and wavelengths, and how an analysis of butterfly scales can lead to climate change solutions"*



28 February 2024



4:00pm



LSC University Ballroom

Tea and Cookies at 3:30pm  
Reception at 5:00pm



**NAOMI PIERCE**

Harvard University  
Professor  
Department of Organismic  
and Evolutionary Biology

## Distinguished Ecologist Seminar

Please join GDPE in welcoming our **Visiting Distinguished Ecologist**, Dr. Naomi Pierce, this **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!

## 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 travel and training grant is tomorrow, Feb. 27.** Learn more [here](#).

## STUDENT DEFENSES

### Ph.D. Defense Seminar Giovana Matos Franco

*Plant-Mediated Interactions Between Herbivory and Soil Microbial Communities in Biocontrol Programs of Russian Knapweed*

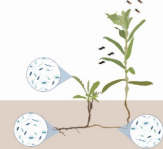
March 5, 2024  
10:00 a.m.  
NR Room 142

Plant-mediated interactions between herbivory and soil microbial communities in biocontrol programs of Russian knapweed



Giovana Matos Franco

Advisor: Dr. Paul Ode



Committee members:  
Dr. Ian Pearse  
Dr. Melinda Smith  
Dr. Pankaj Trivedi

March 5<sup>th</sup>, 2024  
10am  
Natural Resources  
Building, 142



Exploring the importance of abundance governing factors for invasive plant species distribution models

**Nathan Teich**  
PhD Defense Seminar

Advisor: Cynthia S. Brown, PhD  
Committee: Ian Pearse, PhD, USGS - Catherine Jarnevich, PhD, USGS - Paul Evangelista, PhD, NREI

March 20th, 2024  
1pm @ CAS AgBio Classroom E005



### Ph.D. Defense Seminar Nathan Teich


*Exploring the Importance of Abundance Governing Factors for Invasive Plant Species Distribution Models*

March 20, 2024  
1:00 p.m.  
AgBio Room E005

## GDPE Alum Catherine Tait: Unveiling the Black Box of Publishing

Please welcome Catherine Tait, a GDPE alum and Scientific Editor with One Earth, Cell Press next week on **Tuesday, March 5th at 4pm in Bio 136**. Catherine will be speaking on “Unveiling the Black Box of Publishing: Navigating Editorial Decisions, Peer Review, and Reader Engagement” so save the date and stop by to join the discussion. Snacks and drinks will be provided!




  
**BIOLOGY**  
 COLORADO STATE UNIVERSITY  
**UNVEILING THE BLACK BOX OF PUBLISHING:**  
 Navigating Editorial Decisions, Peer Review, and Reader Engagement

Tuesday, March 5th  
 4:00 PM - 5:00 PM  
 Biology 136

Speaker:  
 Catherine Tait  
 Scientific Editor  
 One Earth, Cell Press

Host:  
 Abbie Reade

Scan the QR code for more information on our seminars



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

## 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 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  
[frontrangemicrobiomesymposium.com](http://frontrangemicrobiomesymposium.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



NREL Writes is designed for researchers (faculty, graduate students, soft money research associates, postdoctoral fellows) to facilitate collaborations and writing productivity. NREL Writes provides topical presentations, weekly writing sessions, that create low-stakes accountability to enhance individual and collaborative writing success.

Weekly Writing Sessions:  
Thursdays from 9 AM - 12PM (hosted on Teams)

Writing Retreat:  
April 29 - May 3, 9 AM - 12 PM  
(+ optional afternoon 1 - 4 PM)

**NREL WRITES**  
SPRING 2024  
Thursday mornings 9-12  
JAN 25 - APR 25, 2024  
Hosted on MS-Teams. [Click Here](#)

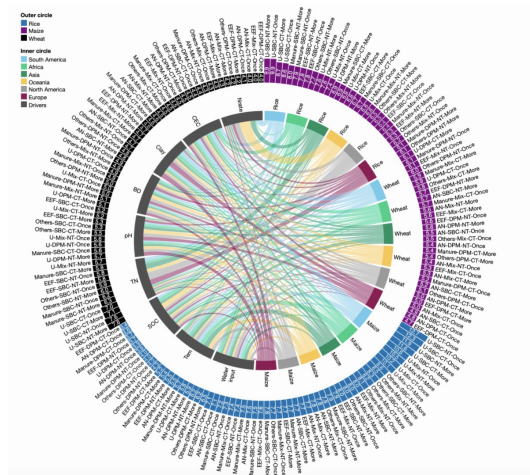
NREL Writes is designed for researchers (faculty, graduate students, soft money research associates, postdoctoral fellows) to facilitate collaborations and writing productivity. NREL Writes provides topical presentations, weekly writing sessions, that create low-stakes accountability to enhance individual and collaborative writing success.

Co-facilitated sessions with  
Dr. Julie Heinrichs, NREL  
Dr. Kristina Guymn, CSU Writes  
Kimi Conroy, CSU Writes

**JAN 25 - APR 25 (WEDS, 9am-12pm)**  
**WEEKLY WRITING SESSIONS**  
Weekly "show up & write," sessions and accountability check ins. Held on MS-Teams.  
Feel free to send discussion topics to Julie or Kristina.

**APR 29 - MAY 3, 9am-12pm**  
**(optional afternoon 1-4pm)**  
**WRITING RETREAT**  
Build momentum on your projects! at the close of the semester with a 3-day retreat. You can make significant progress on your project and with colleagues at NREL Writing Retreats.  
Additional offerings may be added during the semester to give NREL Writes participants more!

Colorado State University CSU WRITES



### 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

### McPherson Graduate Scholarships

Two McPherson Graduate Scholarships will be available for the academic year of 2024-2025. Each scholarship carries an award of \$10,000 (renewable), plus resident tuition. Students planning to study in any discipline or department are eligible. The scholarships are awarded to new applicants to Colorado State University's Graduate School and cover the first year of graduate study with the opportunity for renewal by applying for renewal in the second year. **Applications will be accepted beginning Feb. 15, 2024**, and award decisions will be made on a rolling basis until both scholarships have been awarded. Click [here](#) for details.

### Graduate Student Fellowship at California State University, Los Angeles

Application due March 15

This project will examine overall patterns of watershed and riparian function in East River Colorado and LA River, as modern paired watershed systems of different land use. Work will focus on fire ecohydrology and disturbance of these watersheds, and analyzing solute/nutrient flux, isotope hydrology. An annual stipend of \$22,000 will be provided. Inquiry Contact: Send Project Director Dr. Barry Hibbs an email with DOE-ER-LARIVER in subject line at: bhibbs@calstatela.edu and to co-PI Dr. Jingjing Li at jli104@calstatela.edu

---

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

*Application due Feb. 28*

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.

---

### **Water Use and Natural Capital Accounts Research Positions**

Northern Arizona University in partnership with the U.S. Geological Survey is searching for team members to support a new effort to produce an accounting of the role of water use in the United States within the nation's Natural Capital Accounts. This scientific effort will utilize tools and methods including distributed national scale hydrologic modeling, national water use data, and the System of Environmental Economic Accounting. Positions will be advertised soon for a Postdocs, Research Assistant Professor, Research Analyst (BS/MS), and/or Ph.D. Graduate Research Assistants. Please direct inquires to Dr. Ben Ruddell at benjamin.ruddell@nau.edu. See [here](#) and [here](#) for more information.

---

### **Montana Cooperative Fishery Research Unit Program Manager**

The Program Manager administers and executes all day-to-day operations of the MT Cooperative Fishery Research Unit (MTCFRU). These include financial management (grant and non-grant, resources and budgets), personnel management (hiring and payroll for research scientists, graduate students, and technicians), fleet management (10 vehicles, 11 research vessels), purchasing management (95% of federal and MSU Unit purchasing), and reporting, record keeping, and inventory (federal and state) associated with Unit. Click [here](#) for details.

---

### **Assistant Professor of Applied Quantitative Ecology**

The Ecology Department at Montana State University seeks applicants for a tenure-track Assistant Professor of Applied Quantitative Ecology whose research uses cutting-edge quantitative approaches, including decision science, to address conservation challenges and who can contribute to undergraduate and graduate education. Click [here](#) for details.

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 powered by



Try email marketing for free today!