



April 17, 2023

Hello GDPE Community!

Just a few more weeks of the semester and there are several things wrapping up as a result. Here's a TL;DR for many of the announcements & opportunities listed below:

- If you are a student, don't forget to complete the **Grad School's Experience Survey**. (*details below*)
- **GTA applications** for ECOL TA fellowships and LIFE102/103 are due at the end of April (*details below and on the GDPE [Funding](#) page*).
- Opportunities are available for you to participate in a **GDPE committee!** (*Check out the details below and on the GDPE [Committee](#) page*)
- We are seeking **ECOL592 seminars** for Fall 2023! Remember, if there is a faculty member or post-doc who has expertise in a topic you think would be great for a seminar, ask them to lead it (or, be the co-instructor!) (*details below and on the GDPE [Curriculum & Courses](#) page; proposal submission details [under the Faculty menu](#) on the GDPE page*)

Don't forget to check out the other **fun** things going on with the GDPE community below, as well :).

Have a great week, GDPE!
Jennifer



GDPE EVENTS & ANNOUNCEMENTS

GDPE
Earth Day Clean-up +
20 APRIL Happy Hour

| | |
|-------------------|------------------|
| Clean-up | Happy Hour |
| Lee Martinez Park | Odell Brewing Co |
| 5:00 - 6:15 PM | 6:30 - 8:30 PM |

GDPE Social: Earth Day Clean-up + Happy Hour

This **Thursday, April 20th**, the GDPE social committee is leading an Earth Day clean-up along the Poudre River Trail. They will spend about an hour walking along the river trail and picking up trash, in addition to some casual birding and looking for insects, flowering plants (etc.!) They recommend you bring thick gloves that you don't mind coming into contact with trash. If you have an extra pair of binoculars to share, please bring them!

Following the clean-up, they will travel over to Odell Brewing Company for a good ol' GDPE happy hour. If you can't make it to the clean-up, you are still absolutely welcome to join the happy hour celebration! In need of carpool options? Please email Carolyn.coyle@colostate.edu



Get Involved by Joining a GDPE Committee!

There are openings on two of our key GDPE committees:

[DEI Committee](#) – up to 4 spots

[Executive Committee](#) – 2 spots

Sign up [here](#) by Friday, April 21st if you're interested in serving! Folks currently serving are welcome to run again.

As a reminder, participation in the GDPE program (including committee service) is one of the factors that is scored in the small grants provided by our program, improving the likelihood of funding. Service on committees and helping with events also provides important experience in leadership, building professional networks, and provides a strong foundation for future participation and representation in our professional societies' leadership positions.



WE'RE LOOKING FOR FALL 2023 GRADUATE TA'S!

- LIFE 102/103: Attributes of Living Systems
- ECOL 505: Foundation of Ecology
- ECOL 610: Ecosystem Ecology

Submit your application and materials online by Friday, April 28th



GDPE Fall 2023 Teaching Assistantships and Fellowships

GDPE is accepting application materials from graduate students to serve as a TA for Fall 2023. Current openings include LIFE 102/103, ECOL 505, and ECOL 610. Scan the QR code or visit our website [here](#) to view the requirements and submit your materials by **Friday, April 28th**.



A graphic with a green and white floral pattern. In the center, a dark green rounded rectangle contains the text "CALL FOR ECOL 592 SUBMISSIONS" in white, with "FALL 2023" below it. To the left is a QR code with an arrow pointing to it and the text "Scan to access the submission form". To the right is the logo for the Graduate Degree Program in Ecology at 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 2023 semester. Previous seminars can be found [here](#) and the submission form can be accessed [here](#). Submissions are accepted up until the first week of the semester.



A graphic with a green and yellow floral pattern. It features the text "Spring PICNIC" in green and orange, with "FOOD | GAMES | BAKE-OFF | PRIZES" below it. At the bottom, it says "MAY 3RD" and "4PM - 7PM" in orange boxes, followed by the location "Intersect Brewing, 2160 W Drake Rd A1, Fort Collins, CO 80526". The Colorado State University logo is in the top right.



A teal graphic with the text "SPRING PICNIC BAKE-OFF" in white, with a cupcake icon to the right. Below the title, it says: "Dust off your rolling pin and bring your most delicious dessert to compete against your fellow GDPE community at the Spring Party on May 3rd from 4-7pm at Intersect Brewing. The highest voted desserts will receive an awesome prize! Please write down and bring a note with the ingredients used. We will label all desserts with potential allergens as they arrive." The Colorado State University logo is in the top left.

GDPE Spring Picnic

Join us for an end of the semester gathering at **Intersect Brewing on Wednesday, May 3rd** from 4-7PM. We will be celebrating our new graduates, graduate student award recipients, and the rest of our GDPE community for completing another semester! Pizza and drinks will be provided.

We will also be continuing our GDPE Bake-Off! Bring your favorite homemade dessert to enter the contest. Prizes will go to the top desserts.

[GDPE Event Calendar](#)

Student Defenses

MS Defense Seminar

Anna Wright

Novel water-use strategies of five Colorado wetland plants: Implications for wetland water loss

April 27, 2023
1:30 pm MT
MSNR 345
Zoom [Link](#)

NOVEL WATER-USE STRATEGIES OF FIVE COLORADO WETLAND PLANTS: IMPLICATIONS FOR WETLAND WATER LOSS

Anna Wright
MS Defense

1:30 PM  APRIL 27, 2023  MSNR 345

Troy Ocheltree, advisor & Jeremy Sueltenfuss, co-advisor
Joe von Fischer, committee

<https://us06web.zoom.us/j/99155678207>



Ecological consequences of warming climates for cold-adapted species – Evidence from mountain goats



Forest P. Hayes
PhD Exit Seminar
Advisor: Joel Berger

May 1, 2023 3:00 PM
Wagar Building 132



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

PhD Exit Seminar

Forest P. Hayes
*Ecological consequences of
warming climates for cold-
adapted species - Evidence
from mountain goats*

May 1, 2023
3:00 pm MT
Wagar Building 132

DEADLINES

GSC Professional Development & Supply Grant due 4/28

Graduate Student Council (GSC), The Graduate School, and the Associated Students of Colorado State University (ASCSU) are excited to sponsor Professional Development & Supply grants open to all graduate and professional students for use prior to June 30, 2023.

Awards are provided at two tiers

- Tier 1: 6 grants of \$250 (per grant cycle)
- Tier 2: 10 grants of \$100 (per grant cycle)

Graduate Student Experience Survey due 4/30

The Graduate School created this survey to prioritize initiatives focused on helping current and future students flourish. Specifically, the survey data will be used to assess and improve the quality of the mentoring graduate students receive at CSU, to inform professional development offerings, and to improve support for all students, including students with marginalized identities.

A personalized link to the survey was sent to your official CSU email address and is available in RAMweb. This survey is confidential and will take approximately 20 minutes to complete.

ECOLOGY & CSU EVENTS

Department of Biology Seminar: Extreme Physiology and the Mechanisms of Adaptation to High Altitude

Join the Department of Biology on **April 18th** for a seminar presentation with Jonathan Velotta




BIOLOGY
 COLORADO STATE UNIVERSITY
EXTREME PHYSIOLOGY AND THE MECHANISMS OF ADAPTATION TO HIGH ALTITUDE
 |
 Tuesday, April 18th
 4:00 PM - 5:00 PM
 Biology 136
 Speaker:
Dr. Jonathan Velotta
 Assistant Professor
 Department of Biological Sciences
 University of Denver
 Host:
 Cole Deal

 Scan the QR code for more information on our seminars

from the University of Denver! He will be presenting on “*Extreme Physiology and the Mechanisms of Adaptation to High Altitude*” at 4pm in Biology 136. Please see the attached flyer for more details and feel free to scan the QR code or follow the links here for [Velotta's full abstract](#) and more [information on Biology seminars](#).

Snack and drinks will be provided.

College of Agricultural Sciences: Plant Adaptation Vision Talks

Plant adaptation research serves applications like crop breeding, conservation, and invasive species management. With a growing population and changing climate, understanding and utilizing plant adaptation is more important than ever.

To spark discussion and catalyze connections, the College of Agricultural Sciences will host a series of lectures from global thought leaders who are using innovative approaches to make greater progress in plant adaptation and genetics.

The next seminar will take place on April 19. See the flier or [click here](#) for more details.

PLANT ADAPTATION *Vision Talks*

Improving plant adaptation to meet society's need for more productive, sustainable and resilient agriculture.

Plant adaptation research serves applications like crop breeding, conservation, and invasive species management. With a growing population and changing climate, understanding and utilizing plant adaptation is more important than ever.

To spark discussion and catalyze connections, the College of Agricultural Sciences will host a series of lectures from global thought leaders who are using innovative approaches to make greater progress in plant adaptation and genetics.

Plant Success: Effective Translation from Natural to Agricultural Systems
Mark Cooper, Deputy Director, Centre of Excellence for Plant Success in Nature and Agriculture, Queensland University
 March 30, 2023 | 4 p.m. | Biology room 136

A Genome-Level Approach to Balancing the Micronutrient Content of Maize Grain
Mike Gore, Cornell University
 April 12, 2023 | 11 a.m. | Nutrien room 135

Learning via Radical Collaborations and Transdisciplinary Science
Susan McCouch, Director, CROPPS Center, Cornell University
 April 19, 2023 | 10 a.m. | Behavioral Sciences room 103

We hope you can join us for these vision talks, which have been coordinated by faculty in the planned Institute for Plant Adaptation – a new initiative under development at Colorado State University aligning the best academic plant science with industry priorities in a positive feedback loop. [Learn more.](#)




BIOLOGY
 COLORADO STATE UNIVERSITY
MICROBIAL RESPONSES IN A CHANGING WORLD
 |
 Tuesday, May 2nd
 4:00 PM - 5:00 PM
 Biology 136
 Speaker:
Dr. Stephanie Kivlin
 Assistant Professor
 University of Tennessee, Knoxville
 Host:
 Alex Siggers

 Scan the QR code for more information on our seminars
 Join us on Zoom

Department of Biology Seminar: Microbial Responses in a Changing World

Join the Department of Biology on **May 2nd** for a seminar presentation with Stephanie Kivlin from the University of Tennessee, Knoxville! She will be presenting on “*Microbial Responses in a Changing World*” at 4pm in Biology 136. Please see the attached flyer for more details and feel free to scan the QR code or follow the link [here](#) for more information on Biology seminars.

Snack and drinks will be provided.

PROFESSIONAL DEVELOPMENT OPPORTUNITIES

GTA's Best Practices in Teaching at CSU: Inclusive Pedagogy

This three-week (May 22-June 11), mostly asynchronous course takes place in Canvas. Participants can expect to spend 4-5 hours per week completing assignments, discussions and readings. Engage in self-reflection to consider your own lived experiences and how you use those as a lens to

make decisions regarding all aspects of your teaching: your class climate, your instructional practices, and what you inherently believe about your students. In this course, you will consider your students' diverse strengths and how to leverage those to develop an inclusive classroom. You will review your current curriculum and look for opportunities to incorporate inclusive practices that heighten students' sense of belonging which, ultimately, contributes to their level of success. Register [here](#).

This course will be facilitated by GDPE Student and Sci Comm Fellow Josie Otto.



Congratulations to GDPE and FWCB student **Cozette Romero** for receiving the CSU Vice President for Research Graduate Student Fellowship for the 2023-24 academic year!

The VPR Graduate Fellowship program at Colorado State University supports students' research from graduate programs across the institution. The mission is to empower students and their research through professional development workshops, networking opportunities and financial support.



Cozette Romero

Let us know about your recent publications!

We are trying to highlight the great and diverse science that our faculty and students are doing. If you have recently published an article, please fill out the form linked below and our SciCom Fellow, [Josie Otto](#), will add you to our new Recent Publications section above. We can also feature your work on our website!

Please note that inclusion of events and publications in the Digest is not an endorsement by GDPE

[Share your Recent Publication or Research Highlight](#)

We want your feedback! Do you have comments or suggestions about how your GDPE experience can improve? Let us know! Contact your ExCom Student Representatives, [Mel Morado](#) and [Erin Weingarten](#) to provide your feedback.

Stay in touch by tagging GDPE in your posts and photos on Twitter (@CSU_Ecology) and Instagram (@CSU_GDPE). Use hashtags #GDPE and #CSU_Ecology. We'd be happy to help highlight your research!

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 Slack Channel - Join our GPDE Slack channel [here](#).

Submit Photos

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

GRANTS, FELLOWSHIPS, & JOBS

Open Science Grid (OSG) User School 2023

Applications due April 17

Could you transform your research with vast amounts of computing?

During the School, August 7–11, you will learn to use **high-throughput computing (HTC) systems** — at your own campus or using the national-scale Open Science Pool — to run large-scale computing applications that are at the heart of today's cutting-edge science.

Through lectures, discussions, and lots of hands-on activities with experienced OSG staff, you will learn how HTC systems work, how to run and manage lots of jobs and huge datasets to implement a scientific computing workflow, and where to get more information and help. [Click here to find out more and to apply.](#)

Submit Job Announcement



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

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