



December 4, 2023

Hi all GDPE folks,

I wanted to congratulate our upcoming GDPE graduates! I know you have all worked hard to make it this far and you should be so proud of yourselves. If you still would like to receive our weekly Digest after graduation, please email us with your updated address to Ecology@colostate.edu and we'll make sure to keep you up-to-date.

I hope you all are having a great end to this semester and I look forward to starting a new semester in January!

Very best,
Dawn



GDPE Event Calendar

GDPE EVENTS & ANNOUNCEMENTS

FRSES Meeting

The Front Range Student Ecology Symposium (FRSES), an annual student-led conference held at CSU, will meet biweekly on **Mondays from 12-1PM** in NR 142. The next all-member meeting will be held December 11.

Support FRSES by attending one of their Fundraising Events!

- 12/10 4-8pm: Chipotle (South College Location). 33% of proceeds to FRSES.

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 Spring 2024 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.

[See what's been accepted for Spring 2024 thus far!](#)

CALL FOR ECOL 592 SUBMISSIONS
Spring 2024

Scan to access the submission form

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

ECOLOGY SEMINARS AND CONFERENCES

Register now

for the 30th anniversary

**Front Range
Student Ecology
Symposium**

February 1st - 2nd, 2024
Colorado State University

CONNECT WITH US
GDPE_FRSEScolostate.edu
FRSES.org



ABSTRACT SUBMISSION OPEN FOR THE
30TH ANNIVERSARY
FRONT RANGE STUDENT ECOLOGY SYMPOSIUM

WHO IS THIS FOR?

- Undergraduates, graduate students and post-docs conducting ecology research
- Proposals or current/completed work

WHY PARTICIPATE?

- Receive constructive feedback
- Share your research with other Front Range ecologists
- Win prizes!

CONFERENCE DETAILS

- Poster presentations 2/1/2024
- Oral presentations 2/2/2024



Abstract submission
deadline is
January 15 or once
capacity is reached

Front Range Student Ecology Symposium - 30th Anniversary

Register now for FRSES, held at CSU on February 1-2, 2024.

The priority deadline for submitting abstracts is December 1st. Students who submit their abstract by the priority deadline will be informed of their acceptance by Friday, December 8th. **The abstract submission form will close once capacity is reached (45 oral presentations; 50 poster presentations) or on January 15th**, whichever comes first.

Click [here](#) for more details.

Entomological Society of America - North Central Branch Meeting

The North Central Branch meeting of the Entomological Society of America takes place in Fort Collins on **March 24-27, 2024**. Abstracts and registration are now open. The deadline for submissions is December 15. You just have to be a registered member of Ent. Soc (fee associated) and be apart of the North Central Branch (no fee associated) and register for the meeting to attend.

Click [here](#) for more details.

NON-ECOLOGY CSU EVENTS

CSU Writes Events

CSU Writes announces workshops, retreats, and special events for graduate students and postdoctoral fellows this fall.

See the links below for event information and registration access. You can also start with the [GRAD Writes pages](#) on the [CSU Writes website](#) to learn more.

- Webinars & Workshops on how to schedule for writing, draft quickly, identify passive voice, avoid the pitfalls of procrastination, and more: <https://csuwrites.colostate.edu/grad-writes-workshops/>
- Retreats are a great way to kickstart or build momentum on a writing project: <https://csuwrites.colostate.edu/grad-retreats/>
- Write to Publish (W2P) is a course of 12 workshops to help writers craft an article for submission for publication (postdocs and graduate students) <https://csuwrites.colostate.edu/write-to-publish/>

NREL Writes

Julie Heinrichs, an NREL scientist affiliated with GDPE as well, Kristina Quynn and Kimi Conro from CSU Writes together offer Wednesday AM “Show up and Write” sessions (9-12), and they’re inviting GDPE students and faculty members to join in. There’s also a Dec 11-13 three day writing retreat. They’re on MS Teams, so you can write from wherever, with a accountability and community built in.

See flier attached! (the pdf version has [the live MS Teams link](#),

[or just use this!](#)

NREL WRITES

FALL 2023

Wednesday mornings 9-12

Oct 4 - Dec 6, 2023

Hosted on MS-Teams: [Click Here](#)



NREL Writes is designed for researchers (faculty, graduate students, soft money research associates, postdoctoral fellows) to facilitate collaboration 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 Guyan, CSU Writes
 Kimi Conroy, CSU Writes

JAN 26 - DEC 6 (WEDS, 9am-12pm)
WEEKLY WRITING SESSIONS
 Weekly "show up & write." sessions and accountability check-ins. Held on MS-Teams.
 Feel free to send additional topic ideas to Julie or Kristina.

DEC 11-13, 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 serve NREL writers' interests and needs.



BEST PRACTICES IN Teaching

| | | |
|---|---|--|
| Jan. 8 - Jan. 28 First Four Weeks Student Motivation | Jan. 29 - Feb. 18 Classroom Climate Learning Outcomes & Course Alignment | Feb. 19 - Mar. 10 Accessible & Inclusive Electronic Content Planning an Effective Class Session |
|---|---|--|

Best Practices in Teaching - Graduate Students

Some of the most popular programs we offer, our [Best Practices in Teaching \(BPiT\) courses](#), are coming soon!

These three-week courses are designed to enrich your teaching skills while operating asynchronously in Canvas, with most of the work happening on your own schedule. During these courses, you'll have the opportunity to explore, apply, and discuss

research-based teaching approaches based on the [Teaching Effectiveness Framework](#). Plan to dedicate 4-5 hours per week to assignments, discussions, readings, and meaningful interactions with fellow educators across campus. To see what other workshops are offered this semester, [click here](#).



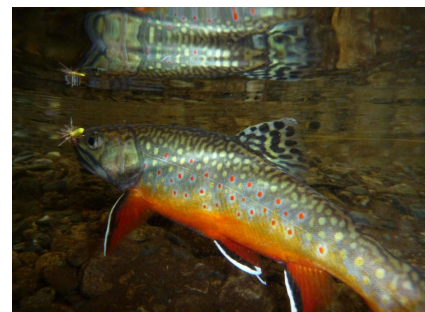
 GRADUATE DEGREE PROGRAM IN ECOLOGY
 COLORADO STATE UNIVERSITY

Recent Publications and Highlights

[Spatial asynchrony and cross-scale climate interactions in populations of a coldwater stream fish](#)

Global Change Biology - November 2023

In their recent publication, GDPE members **George Valentine** and **Yoichiro Kanno** found that brook trout populations do not respond similarly to regional weather variation in the southeastern USA. This finding shows that some populations are more likely to persist than others in a changing climate and identifying those populations is key to conserving this native coldwater species.



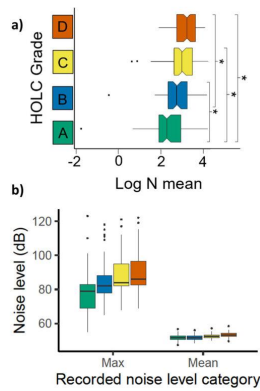
Brook Trout.

Photo provided by Yoichiro Kanno

[Inequitable urban noise impacts people, wildlife](#)

CSU Source - November 2023

"In a study published in *Nature Ecology and Evolution*, Colorado



State University acoustic ecologists found that redlined, or marginalized, communities have more and louder urban noise, which has been linked to negative consequences for people and wildlife. " Read more of this press release [here](#).

Neighborhoods with Home Owners' Loan Corporation grades C and D had greater mean and maximum noise levels than A and B neighborhoods. From *"Inequalities in noise will affect urban wildlife."*

Data Visualization Workshop

GDPE Science Communication Series - December 2023

Dr. Kyle Horton, PI of the [AeroEco lab at CSU](#) and Assistant Professor in FWCB, led a workshop for GDPE members on communicating your science to the public through short videos. He also discussed the role of press releases in reaching broader audiences and gave a behind-the-scenes glimpse of editing videos through Adobe After Effects. [Click here](#) to view the recorded workshop.

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 [Elizabeth Diaz-Clark](#) 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](#).

GDPE Student Teams Channel - Join our Teams 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.

SPRING 2024 COURSES

GDPE

SPRING 2024 COURSE OPTIONS

REQUIRED - ALL

ECOL 571: DISTINGUISHED ECOLOGIST LECTURE SERIES
ECOL 693: RESEARCH SEMINARS FOR PROFESSIONAL COMMUNICATION

FUNDAMENTALS - PHD AND MS (6 CREDITS)

ECOL 600: COMMUNITY ECOLOGY

REQUIRED - PHD (2 COURSES), MS (1 COURSE)

ECOL 592 OPTIONS:

BIG DATA IN ECOLOGY: PROGRESSES AND PITFALLS
PEER REVIEWING FOR EARLY CAREER RESEARCHERS
UNDERSTANDING 'ECOLOGICAL RESILIENCE' IN A RAPIDLY CHANGING WORLD
ECOLOGICAL ADAPTATIONS: CONNECTING GENOME TO PHENOME
GENETIC RESCUE: A CONSERVATION TOOL TO PREVENT SPECIES EXTINCTION

HEI COURSES

NR 625: COMMUNITY-BASED NATURAL RESOURCE MANAGEMENT
SOC 610: SEMINAR IN METHODS OF QUALITATIVE ANALYSIS

REQUIRED - ALL

ECOL 571 : DISTINGUISHED ECOLOGIST LECTURE SERIES
LECTURE: M/W 4:00 - 5:30 PM
LUNCH AND WORKSHOP: R 11:00 - 1:30 PM
ECOL 693: RESEARCH SEMINAR FOR PROFESSIONAL COMMUNICATION
ORAL SECTION: T 10:00 - 10:50 AM
WRITTEN SECTION: W 9:00 - 9:50 AM

FUNDAMENTALS - PHD AND MS (6 CREDITS)

ECOL 600: COMMUNITY ECOLOGY
LECTURE: M/W 1:00 - 1:50 PM
RECITATION: T 2:00 - 2:50 PM OR R 2:00 - 2:50 PM

REQUIRED - PHD (2 COURSES), MS (1 COURSE)

ECOL 592: BIG DATA IN ECOLOGY: PROGRESSES AND PITFALLS
LECTURE: T 1:00 - 1:50 PM
ECOL 592: PEER REVIEWING FOR EARLY CAREER RESEARCHERS
LECTURE: T 2:00 - 3:50 PM
ECOL 592: UNDERSTANDING 'ECOLOGICAL RESILIENCE' IN A RAPIDLY CHANGING WORLD
LECTURE: W 11:00 - 11:50 AM

HEI FUNDAMENTALS - PHD HEI (3 CREDITS)

NR 625: COMMUNITY-BASED NATURAL RESOURCE MANAGEMENT
LECTURE: T 2:00 - 4:50 PM

HEI TOOLS - PHD HEI (3 CREDITS)

SOC 610: SEMINAR IN METHODS OF QUALITATIVE ANALYSIS
LECTURE: M 3:30 - 6:20 PM

ELECTIVES - PHD (55 CREDITS), MS (15 CREDITS)

AREC 540: ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS
LECTURE: T/R 12:30 - 1:45 PM
BZ 520: ADVANCED SYSTEMATICS
LECTURE: M/W/F 8:00 - 8:50 AM
BZ 530: ECOLOGICAL PLANT MORPHOLOGY
LECTURE: T/R 3:00 - 3:50 PM
FW 544: ECOTOXICOLOGY
LECTURE: T/R 10:00 - 10:50 AM
RECITATION: R 11:00 - 11:50 AM
FW 558: CONSERVATION BIOLOGY
LECTURE: T/R 12:30 - 1:20 PM
RECITATION: T/R 1:21 - 1:45 PM
FW 605: ADVANCED PHYSIOLOGICAL ECOLOGY OF FISHES
LECTURE: M/W 12:00 - 12:50 PM
LAB: T 2:00 - 4:50 PM
GES 520: ISSUES IN GLOBAL ENVIRONMENTAL SUSTAINABILITY
LECTURE: M/W/F 9:00 - 9:50 AM
HORT 571: SOIL PLANT WATER RELATIONS
LECTURE: T/R 9:30 - 10:45 AM
NR 678: ADVANCED ECOLOGICAL RESTORATION
LECTURE: M/W/F 12:00 - 12:50 PM
SOCR 540: SOIL PLANT NUTRIENT RELATIONSHIPS
LECTURE: M/W/F 3:00 - 3:50 PM
SOCR 567: ENVIRONMENTAL SOIL CHEMISTRY
LECTURE: M/W/F 9:00 - 9:50 AM
ECOL 698: RESEARCH
ECOL 699: THESIS
ECOL 799: DISSERTATION

TOOLS - PHD AND MS (3 CREDITS)

AREC 735: ECONOMETRIC THEORY II
LECTURE: T/R 9:30 - 10:45 AM
FW 663: SAMPLING AND ANALYSIS OF VERTEBRATE POPULATIONS
LECTURE: M 8:00 - 12:00 PM
RECITATION: F 8:00 - 12:00 PM
LAB: W 8:00 - 12:00 PM
SOCR 670: TERRESTRIAL ECOSYSTEMS ISOTOPE ECOLOGY
LECTURE: M/W 11:00 - 11:50 PM
LAB: TBD
STAR 511: DESIGN AND DATA ANALYSIS FOR RESEARCHERS I
LECTURE: W 2:00 - 2:50 PM; F 9:00 - 9:50 PM
RECITATION: ONLINE
STAR 512: DESIGN AND DATA ANALYSIS FOR RESEARCHERS II
LECTURE: T 1:00 - 2:50 PM; R 1:00 - 1:50 PM
RECITATION: R 2:00 - 2:50 PM
STAT 530: MATHEMATICAL STATISTICS
LECTURE: T/R 2:00 - 3:15 PM

JOBS, FELLOWSHIPS, INTERNSHIPS

Target Species Manager at the Butterfly Pavilion Fill ASAP

The Target Species Manager spends a minimum of 40 hours per week fulfilling the research and conservation goals at Butterfly Pavilion, working in close cooperation with the Director of Research & Conservation, VP for Science, Conservation, and Operations, Environmental and Ecological Services, Horticulture, and Curatorial Departments. Much of that work will involve conservation and research focused on bee keeping and conservation at Butterfly Pavilion and in the field, including international field sites. Click [here](#) for more details.

Assistant Professor of Environmental Science at Fresno State Deadline December 31, 2023

Fresno State invites applications for a **full-time, tenure-track position** in the Department of Earth and Environmental Sciences beginning in Fall 2024 at the Assistant Professor rank. A Ph.D. in Environmental Science with a specialization in Watershed Science, Wetland Science, Forest

Ecosystems, Ecohydrology, Applied Ecology, or a closely related field, is required. Click [here](#) to learn more.

Assistant Professor of Biology at Northern Michigan University

Deadline January 7, 2024

The Department of Biology at Northern Michigan University is seeking applications for an Assistant Professor position to begin August 2024. This is a full time, 9-month, **tenure-track faculty position** that requires a Ph.D. in any biological field. Click [here](#) to learn more.

Ewel Postdoctoral Fellowship in Ecology & Environmental Science

Deadline January 7, 2024

The John J. and Katherine C. Ewel Postdoctoral Fellowship Program in Ecology and Environmental Science in the Tropics and Subtropics will enable a recent doctoral recipient to study tropical or subtropical ecology and environmental sciences at the University of Florida (UF). The Fellow will conduct research for an award period of two years with a UF faculty member in any department, in any subdiscipline of ecology or environmental science.

UF Ph.D. graduates and UF postdocs are not eligible to apply. Citizens of any country may apply. Click [here](#) to learn more.

Submit a 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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