



November 13, 2023

Greetings, all!

Last week I visited University of Virginia to give a talk, and it was such a delight to talk science for an entire day. I got some great critiques and suggestions, and new research and collaboration ideas. I share this hoping that you all can cultivate the same experience either here at CSU by visiting different departments or lab groups, or at scientific meetings, or at other departments around the country or world. A great opportunity is the Graduate Student Showcase on Wednesday right here at CSU. A bunch of GDPE students are presenting! I encourage you to go to support them, and have a ball talking science.

Being gone last week meant that I missed the FRSES comedy show fundraiser last Wednesday. It was apparently a huge success! They raised over \$700 for the 30th anniversary of FRSES. And I'm sure they laughed a lot in the process.

Have a lovely week, and enjoy the balmy weather.

Best,
Ruth



GDPE Event Calendar

DEADLINES

GDPE Deadlines

If you have not submitted your GS6, please get your [Supplemental](#) to Jennifer Neuwald soon!

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 November 13.

Support FRSES by attending one of their Fundraising Events!

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

Science Communication Workshop

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

Sci Comm Workshop

Science Storytelling

with Cameron Duke from YouTube's MinuteEarth

November 14, 12:00 - 1:30 p.m.
WCNR Room 345

Join us for a Science Storytelling workshop on **Tuesday, November 14th, from 12-1:30pm.** This event will be facilitated by Cameron Duke, a writer, director, and narrator for the popular YouTube channel MinuteEarth.

This event is open to all GDPE members. RSVP not required. Snacks will be provided.

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

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 on 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

Register now
for the 30th anniversary

Front Range Student Ecology Symposium

February 1st - 2nd, 2024
Colorado State University

Deadline to register is December 1st, 2023

CONNECT WITH US
GDPE_FRSEScolostate.edu FRSES.org

Front Range Student Ecology Symposium - 30th Anniversary

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

The first deadline for [abstract submissions](#) is due December 1, 2023.

Click [here](#) for more details.

American Geophysical Union 2023 Annual Meeting

Register now for AGU's 2023 Annual Meeting, which will take place **December 11-15th** in San Francisco, California. Click [here](#) for more details.

AGU23
WIDE. OPEN. SCIENCE.
San Francisco, CA & Online Everywhere
11-15 December 2023

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!](#))



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](#).



ESA Excellence in Ecology Scholars 2023

2023 ESA Excellence in Ecology Scholars

The Ecological Society of America (ESA) is delighted to introduce the 2023 cohort of ESA Excellence in Ecology (EEE) Scholars. This prestigious scholarship program is designed to support and elevate early to mid-career ESA members who have obtained a Ph.D. within the last 20 years. Click [here](#) to learn more.

Congratulations to **Dr. Sara Bombaci**, Assistant Professor in the Department of Fish, Wildlife, and Conservation Biology, for her selection as an EEE Scholar!

Top row left to right: Drs. Sara Bombaci and Aidee Guzman.
Bottom row left to right: Drs. Danielle Ignace and Lynette Strickland. Photo provided by ESA.

We'd also like to congratulate Dr. Danielle Ignace, Assistant Professor in the Faculty of Forestry at the University of British Columbia and Research Associate at Harvard Forest. Dr. Ignace was the keynote speaker for our 2023 FRSES.

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

 GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

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

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

Spring Stewardship Institute

Open until filled

SSI is seeking **part time and full time Data Technicians** to assist with upcoming projects. An office-based position is available, as well as one that will involve a combination of field and office work. To apply, send a PDF with a cover letter and resume to our Program Manager, [Izzie Speer](#). Click [here](#) to learn more.

FRCC Biology Instructor

Open until filled

Laura Shiels of Front Range Community College reached out to us directly to hire **adjunct Biology instructors** for the Spring 2024 semester. She specifically wanted to recruit folks who have ecology and/or botany background and at least an MS in a biological field. If you are interested, reach out to [Laura](#) for more information.

Limnology/Aquatic Science Assistant Professor Position

Deadline November 15, 2023

The Department of Watershed Sciences at Utah State University invites applications for a **tenure-track Assistant Professor in any physical or ecological disciplines contributing to Watershed Science**. They seek candidates who conduct innovative, interdisciplinary, and quantitative research that builds on our department's strengths in hydrology, fish ecology, aquatic ecology, wetland ecology, geomorphology, global change biology, climate science, water quality, and restoration of aquatic ecosystems. Disciplinary expertise may include, but is not limited to, limnology, fluvial geomorphology, fluvial hydraulics, ecotoxicology, riparian ecology, water quality, hydrology, restoration of aquatic ecosystems, or any emerging areas of watershed science. The successful candidate will develop a robust, externally funded research program and will teach two to three courses per year at undergraduate and graduate levels. To further the Department's commitment to inclusion and engagement of an increasingly diverse community, we seek candidates who will successfully serve as mentors and role models for students belonging to groups that are historically underrepresented in natural resources and watershed sciences. Click [here](#) to learn more.

Postdoctoral Fellow in Ecohydrology at CSU

Deadline November 19, 2023

The Civil and Environmental Engineering (CEE) Department at Colorado State University (CSU) is

actively recruiting a **postdoc in ecohydrology to begin as early as December 1, 2023**. Research for this position will include using hydrologic, geomorphic, and riparian ecological field data in a variety of ecological models to understand how shifts in climate and reservoir releases may affect river channel geometry and native and invasive riparian vegetation. The postdoctoral researcher will lead or contribute to tasks such as 1) aggregate and synthesize ecological and hydrologic time-series datasets; 2) develop quantitative models to predict effects of changing river flows on riparian vegetation; 3) write and publish peer-reviewed manuscripts based on research findings. Click [here](#) to learn more.

EPA Fellowship on Identifying Drivers of Nutrients and Algal Blooms in Rivers, Streams, and Lakes

Deadline November 24, 2023

EPA's Pacific Ecological Systems Division in Corvallis, Oregon, has a new post-MS position available through the Oak Ridge Institute for Science and Education (ORISE). The research participant will collaborate on projects within the Pacific Ecological Systems Division (PESD) that examine the relationships between watershed, climate and human drivers of nutrients and harmful algal blooms in freshwater ecosystems. The goal of this research project is to build understanding of the factors that drive nutrient excess and harmful algal blooms to better predict which water bodies are at risk. This research project will explore how water chemistry, watershed land use and land cover, lake morphology, and climate interact and relate to nutrient concentrations, cyanobacteria and cyanotoxins in lakes across the US. Providing estimated risk of cyanobacteria blooms in lakes across the country as facilitated by this research would allow the agency and agency partners to better identify which waterbodies need monitoring and potential protection or remediation activities. Click [here](#) to learn more.

Postdoctoral Research Associate in Invasion Ecology at Arkansas State

Deadline November 30, 2023

The Marsico Lab at Arkansas State University is actively recruiting a **postdoctoral research associate** to begin as early as January 1, 2024. This is a 12-month position, with the potential to renew for an additional year based on performance and available funding. The Marsico Lab has funded projects that focus on **biosecurity**: foundational theories in invasion ecology and applied ecology investigating risks posed by and solutions for preventing invasive plant species. Click [here](#) to learn more.

Assistant Professor of Applied Grassland Ecology at University of Illinois

Deadline November 30, 2023

The Department of Natural Resources and Environmental Sciences (NRES) at the University of Illinois Urbana-Champaign (<https://nres.illinois.edu>) is seeking qualified applicants for a 9-month, **tenure-track faculty position as an Assistant Professor in Applied Grassland Ecology** with a 40% Extension appointment. Click [here](#) to learn more.

Assistant Professor of Insect Biology at University of California Davis

First Review Deadline December 1, 2023

The Department of Entomology and Nematology in the College of Agricultural and Environmental Sciences at the University of California, Davis is recruiting an Assistant Professor of Insect Biology. This is an academic year (9-month), **tenure track Assistant Professor position that includes an appointment in the California Agricultural Experiment Station (AES)**. Faculty members who hold an Agricultural Experiment Station appointment have a responsibility to conduct research and outreach relevant to the mission of the California Agricultural Experiment Station. Participation in outreach programs and performance of University service are also expected. 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](#)



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