



September 18, 2023

Greetings, all!

Now that the semester is in full swing, I hope you're all hitting a good rhythm. Both faculty members and students - please don't hesitate to reach out to me if you have questions or need help with navigating the program.

We have two seminars coming up - our visiting Alum, Dan Cariveau, hosted by John Mola, and our Resident, Mike Antolin, hosted by Paul Ode. Having seen both of them talk before, I'm confident in saying these will be interesting! We will have tea just prior, and a reception afterwards for each. These should already be on your calendars, but if not, the details are below.

Students - don't forget to write up your travel/training grant proposals! The next opportunity will be February (for both Research and Training/Travel grants).

Enjoy the glorious fall weather.

Best,
Ruth



GDPE Event Calendar

DEADLINES

GDPE Deadlines

9/26: Fall Travel and Training Grants Due - [see Funding page](#)

Other Deadlines

9/29: Graduate Student Council (GSC) Professional Development and Supply Grant

10/16: National Science Foundation Graduate Research Fellowship Program Application

GDPE EVENTS & ANNOUNCEMENTS

Distinguished Ecologist Seminar

Please join GDPE in welcoming our **Alum Distinguished Ecologist, Dr. Dan Cariveau** for his talk "Restoration and community ecology of native bee communities". The seminar will be held Wednesday, **October 4th at 4:00pm** in Biology 136. Refreshments will be served

outside Biology 136 from 3:30-4:00pm. There will be a reception directly following the seminar at 5:00pm in the Biology Building 3rd Floor Atrium. We hope to see you all there!

FALL 2023 DISTINGUISHED ECOLOGIST SEMINAR

"Restoration and community ecology of native bee communities"

DAN CARIVEAU

4 October 2023 4:00pm Biology 136

Coffee and Cookies at 3:30pm in Biology 136
Reception at 5:00pm in the Biology 3rd Floor Atrium

University of Minnesota
Associate Professor
Department of Entomology

FRSES Meeting

The Front Range Student Ecology Symposium (FRSES), an annual student-led conference held at CSU, will be having its second meeting of the semester on **Monday, September 18th from 12-1PM** in NR 142.

FRSES 2023 had a successful turnout with 300+ attendees. The team is excited to start planning for its 30th anniversary symposium!

STUDENT DEFENSES

PhD Defense Seminar

Eliza Clark

Evolution at the Edge: How Hibernation, Heat Waves, and Hybridization Impact a Range Expansion

September 28, 2023
11:00 am MT
Nutrien 102
Zoom [Link](#)

Eliza Clark
PhD Dissertation Defense

Evolution at the Edge:
How hibernation, heat waves,
and hybridization impact a range
expansion

In person seminar:
Sept. 28, 2023, 11am
Nutrien 102 or Zoom
Advisor: Ruth Hufbauer

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

ECOLOGY SEMINARS AND CONFERENCES

CSU COMPUTATIONAL RESOURCES AND SUPPORT FOR BIOLOGISTS

qCMB September Meeting

OVERVIEW & PURPOSE
Part of being a successful quantitative biologist is having excellent computational infrastructure and computational support. And we have that at CSU! Please join us to learn about what CSU has to offer.

OBJECTIVES

1. Be able to describe shared computational resources available to you.
2. Understand what makes a high-quality bioinformatic tool.
3. Understand expectations for data transparency and reproducible analyses.
4. Know what training opportunities exist on campus.

PANELISTS

STEPHEN OGLESBY
CYBERINFRASTRUCTURE FACILITATOR, OVPR

DAVID KING
BIOINFORMATICS, OSBORNE NISHIMURA LAB

MARIA RODRIGUEZ
DATA MANAGEMENT SPECIALIST, CSU LIBRARIES

MAYLA RODRIGUEZ
POSTDOCTORAL FELLOW, MATH/DPT, DSM

JOE STRECKER
RESEARCH IT MANAGER FOR CVMBS

ALL ARE WELCOME!
COFFEE AND SNACKS WILL BE PROVIDED.

QUANTITATIVE CELL AND MOLECULAR BIOLOGY
UNIVERSITY OF MINNESOTA

VICE PRESIDENT FOR RESEARCH
COLORADO STATE UNIVERSITY

UNITED IN DISCOVERY

Computational Resources and Support for Biologists

Please join the qCMB program and the Jessica Metcalf Lab to learn more about computational resources available on campus – co-hosted by OVPR and CoSMic!

The event will be held **Thursday, September 21st** from 2:30-4 pm in Biology 136. Coffee and snacks will be provided.

Being in the Field Workshop Series

Being in the field is considered a capstone experience for undergraduate students in sustainability and environmental sciences, yet are such experiences inclusive? If so, which

elements are critical to inspiring persistence for underrepresented groups?

This learning experience seeks researchers, experienced students, and novice students to participate in two workshops to explore aspects of inclusion in the field setting. Interested individuals may attend individually or as a research group with 1-2 students. While attending as a research group **is not required** it is encouraged.

Our fall workshop (with lunch!) will be held **October 6th** from 11-1 pm. [Register](#) early as the program participation is capped!



BEING IN THE FIELD
WORKSHOP SERIES

We are recruiting sustainability and environmental science research teams to participate in a two-part workshop series focused on navigating issues of **diversity** and **inclusion** in the field.

Interested researchers, experienced students, and novice students may attend individually or are encouraged to attend as a research group with 1-2 students.

Fall 2023: Oct 6th 11am - 1pm
Spring 2024: TBD

Lunch provided

Finding your place in the field through inclusive practice

REGISTER HERE
Program enrollment is limited



GCC 2023

17th Graduate Climate Conference
Woods Hole, MA November 2-4

17th Annual Graduate Climate Conference

The GCC is an annual interdisciplinary climate conference **run by graduate students, for graduate students** featuring panel discussions, presentations, workshops, social events, and more. GCC highlights **climate research from a variety of disciplines within the physical, natural, and social sciences and humanities.**

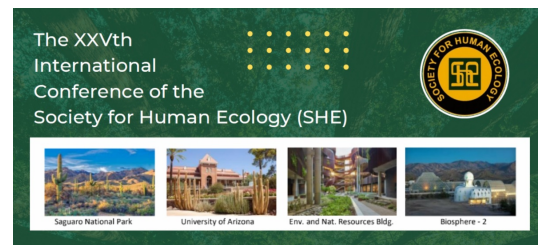
This year, the event will be held at the Marine Biological Laboratory in Woods Hole, Massachusetts on **November 2-4th, 2023.** [Click here](#) to learn more about the event and to apply.

Entomological Society of America 2023 Annual Meeting

Entomology 2023 will take place **November 5-8th, 2023** in National Harbor, MD (just miles from Washington, DC) at the Gaylord National Resort & Convention Center. The theme for Entomology 2023 is **Insects and Influence: Advancing Entomology's Impact on People and Policy.** [Click here](#) for more details.



2023
ENTOMOLOGY
November 5-8 | National Harbor, MD



The XXVth
International
Conference of the
Society for Human Ecology (SHE)

Saguaro National Park University of Arizona Env. and Nat. Resources Bldg. Biosphere - 2

Society for Human Ecology (SHE) 2023 Conference

SHE 2023 "Sowing Human Ecological Futures: Vision, Justice, and Diversity" will be held **November 5-8th, 2023** in Tucson, Arizona. 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

Call for GradShow Proposals

Celebrate research, creativity, and entrepreneurship with us on November 15 at the in-person [Graduate Student Showcase!](#) We anticipate 300+ graduate students from interdisciplinary graduate programs and all eight colleges will present their work to 200+ judges while competing for \$21K+ in scholarships during the GradShow.

Submit Your Abstract Early!

The call for proposals for the in-person 2023 GradShow will close once capacity is reached or by **October 5**. The first students to submit a proposal for a presentation will have their choice of presenting during the GREEN session from 9:30 a.m.-11:30 a.m. or the GOLD session from 10:30 a.m.-12:30 p.m., should their abstract be accepted.

Graduate Student Professional Development Series

Please consider participating in this semester's [Graduate Student Professional Development Series](#) (GPDS). Designed for graduate students and postdoctoral fellows, the fall GPDS series covers essential topics: **Job Market** methods, **Skills for Success** mastery, **Communication Skills** building, and **Leadership** acumen.

See the attached flyer for the upcoming workshops and webinars! [Register here](#)

PROFESSIONAL DEVELOPMENT
GRADUATE STUDENTS AND POSTDOCS

Register at [colstat@CSLEs](#)

COMMUNICATIONS SKILLS

- Aug 29 | Noon-1:30 p.m. | Zoom
NSF Graduate Research Fellowship Program Information Session with successful GRFP Awardees and scholarship experts
- Sept. 12 | Noon-1:30 p.m. | Zoom
Thesis & Dissertation Writing Tips: How to Get Started and Stay Inspired with Dr. Kristina Quynn, CSU Writing and Graduate School
- Oct. 12 | Noon-1:30 p.m. | In-person
Communicating Your Research at the Grad Student Showcase: How to be an Engaging Presenter with Steve Cook, CSU Writing & Research Foundation
- Nov. 15 | 8 a.m. - 6:30 p.m. | In-person
Graduate Student Showcase

JOB MARKET

- Sept. 20 | Noon-1:30 p.m. | Zoom
Interviewing Tips: Phone, Video, In-Person for Success in Graduate School and Beyond with Chase Wells, Career Center and CWBES
- Sept. 27 | Noon-1:30 p.m. | Zoom
Job Application Statements: Research, Teaching, and Diversity with Dr. Jay Teeter, Director Biomedical Engineering, Dr. Matt Hales, Research Associate Dean OHS, and Dr. Kristina Quynn - CSU Writing

LEADERSHIP

- Oct. 3 | Noon-1:30 p.m. | Zoom
Explore Your Entrepreneurial Side: Introduction to CSU's Institute for Entrepreneurship with Rachel Roberts, Assistant Director of CSU Institute for Entrepreneurship
- Oct. 10 | Noon-1:30 p.m. | In-person (max. of 20 people)
Align Your Support Network with Your Career Goals with Cara Bonnette, Program Manager, School of Advanced Materials Chemistry
- Nov. 1 | Noon-1:30 p.m. | Zoom
Lead from Where You Are: Leadership Models and Strategies with Dr. Kristina Quynn, CSU Writing and Graduate School

SKILLS FOR SUCCESS

- Sept. 6 | Noon-1:30 p.m. | In-person
How to Use LinkedIn Learning to Build Professional Skills with Dr. Andrea Duffy, Assistant Provost
- Sept. 13 | Noon-1:30 p.m. | In-person
Create Your Individual Development Plan for Success in Graduate School and Beyond with Dr. Ann Calkins, Responsible Contact for Research Coordinator, Office of the Vice President for Research
- October 26 | Noon-1:30 p.m. | Zoom
Strategies for Financial Success In and Beyond Graduate School with Brad Sparks, CSU Faculty and Owner of Sparks Financial Solution

JAN SUBSCRIBE
Add yourself to your personal calendar and my calendar (using the options of the top right corner of our events calendar at: [gradschoolhood.colostate.edu/events](#))

REG LEAD ENRICH | GRADUATE SCHOOL COLLEGE OF THE UNIVERSITY | [Graduateschool.colostate.edu](#) | [Events.com/GradShowCSU](#) | [https://www.colostate.edu](#)

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/>

Let us know about your recent publications!

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](#).

GPDE 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.

JOBS, FELLOWSHIPS, INTERNSHIPS

Assistant Professor of Biology - Aquatic Ecology

Deadline September 18, 2023

The Department of Biology at St. Olaf College invites applications for a **full-time, tenure track position in Aquatic Ecology** (freshwater or marine) at the Assistant Professor level to begin August 2024. Teaching responsibilities include regular teaching of the ecological principles course with lab (BIO 261), which serves Biology and Environmental Studies majors. Other courses taught in the successful candidate's area(s) of interest could be existing (e.g. Limnology or Biogeochemistry) or new, at varying levels (introductory to advanced), and could emphasize a range of skills (e.g., written communication, programming, quantitative modeling). The normal teaching load is five courses per year. Click [here](#) for more details.

Postdoctoral Fellow - Landscape Ecologist

Deadline September 24, 2023

Two postdoctoral or research scientist positions are immediately available (October 2023) with Dr. Julie Heinrichs at the Natural Resource Ecology Laboratory, Colorado State University. The research projects will focus on developing actionable science to 1) assess the effectiveness of past and ongoing landscape restoration actions, and 2) detect and monitor changes in connectivity to identify opportunities for conservation and restoration at regional and landscape-levels. Projects will use spatial and quantitative modeling to identify and assess landscape-level strategies to restore and connect ecological sites and conserve wildlife and ecosystems. The ecologists will work closely with collaborators at the USGS Fort Collins Science Center and participate in the co-production of actionable science in support of federal agencies. Click [here](#) for more details.

Applied Conservation Scientist - Fort Collins Office

Deadline September 29, 2023

The Bird Conservancy of the Rockies is seeking a dynamic scientist to lead a research program focused on assessing and improving on-the-ground conservation delivery. The applied conservation scientist will work closely with our Science and Stewardship team as well as external partners to co-produce research to assess the effectiveness and, as needed, adaptively update voluntary conservation practices to maximize wildlife and human benefits. A key component of this role will be the development of translational data products and decision support tools to maximize conservation return on investment. Click [here](#) for more details.

Professor of Animal Ecology

Deadline September 30, 2023

The University of Bremen seeks an individual whose orientation is connectable with and cooperatively advances research at the Institute of Ecology, especially those on the topic: **responses and adaptations to environmental change**. We welcome applicants who are interested in invertebrate ecology at the level of individuals, populations, or communities to ecosystems or landscapes. This may involve methods of bioinformatics, and molecular biology as well as experimental manipulation and field work. A commitment to communicating scientific content and solutions related to the biodiversity crisis and the UN Sustainable Development Goals - including to non-scientists - is strongly encouraged. Click [here](#) for more details.

Assistant Professor in Ecology

Deadline October 1, 2023

The Department of Ecology, Evolution and Organismal Biology (**EEOB**) at Brown University seeks to fill a tenure-track position in ecology at the rank of Assistant Professor. Applications are encouraged from individuals working in any area of the field of ecology who can imagine leading an exciting research, teaching, and service program as a member of our faculty. The successful candidate must hold a PhD or equivalent degree prior to July 1, 2024 and have demonstrated research ability through scholarly publication in peer-reviewed journals. Click [here](#) to learn more.

Ph.D. Opportunity in Freshwater Ecosystem Science at Virginia Tech

Deadline October 1, 2023

The Carey Lab in the Department of Biological Sciences at Virginia Tech is recruiting **two graduate students in freshwater ecosystem science to start at the Ph.D. level in January 2024 or August 2024**. We seek enthusiastic and self-motivated students who can work independently while participating in a fun and highly collaborative lab environment and encourage interested students to read through our [Mission Statement](#), [Code of Conduct](#), [Diversity & Inclusion Statement](#), and other lab resources posted on our website to learn more about our group. Click [here](#) to learn more.

Assistant Professor of Biology

Deadline October 2, 2023

Oxford College at Emory University invites applications for a **tenure-track position at the level of Assistant Professor** with expertise in aquatic or terrestrial landscape ecology, community ecology, population ecology, organismal biology, conservation biology, or evolution for a preferred start date of August 2024. Click [here](#) to learn more.

Assistant Professor of Land-Atmosphere Interactions

Deadline October 3, 2023

The Department of Land Resources and Environmental Sciences at Montana State University in Bozeman, Montana invites applications for a **tenure-track position at the level of Assistant Professor with expertise in Land-Atmosphere Interactions** for a preferred start date of August 2024. 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.

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.

[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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