



October 16, 2023



Dear all,
I hope you had a lovely weekend and enjoyed the splendid, crisp fall weather, and beautiful fall colors. Around the world, folks in many areas are struggling, and I'm sure many of you, like me, had your minds occupied by the crisis in Gaza and Israel. Harming civilians is something no government or organization should ever do. De-escalating this war is of primary importance to saving lives!

Beyond this humanitarian crisis, I encourage you to continue to focus on the good we can do by understanding the natural world, and our role in it. CSU provides several helpful resources to turn to. The Office of the President sent an email last week listing many of them, including [mental health and well-being services](#), [remote advising for international students](#), and [multifaith and belief initiatives](#). Be kind to each other and take good care.

Best,
Ruth



GDPE Event Calendar

DEADLINES

GDPE Deadlines

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

10/27: GDPE Graduate Assistantship Application Deadline - see [funding page](#). We have positions for:

- LIFE102/103 (Spring 2024)
- ECOL600 (Spring 2024)
- Science Communication Fellowship (Spring 2024 and Fall 2024)

Non-GDPE Deadlines

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

10/27: GSC and ASCSU Conference Travel Grants Due - [click here](#)

GDPE EVENTS & ANNOUNCEMENTS

FALL 2023
DISTINGUISHED ECOLOGIST SEMINAR

"These are not your ancestors' plagues and we should have known better"

1 November 2023 4:00pm LSC University Ballroom

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

MIKE ANTOLIN
Colorado State University Professor
Department of Biology

Distinguished Ecologist Seminar

Please join GDPE in welcoming our **Resident Distinguished Ecologist, Dr. Mike Antolin** for his talk "These are not your ancestors' plagues and we should have known better". The seminar will be held **Wednesday, November 1st 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!

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 October 16th.

Support FRSES by attending one of their Fundraising Events!

- 11/8 7:30pm: The Comedy Fort. Tickets are \$10 and all sales go to FRSES.
- 12/10 4-8pm: Chipotle (South College Location). 33% of proceeds to FRSES.

GDPE Monthly Mentorship Meetup

Join this year's mentorship team on **Wednesday, October 18th from 3-4:30pm** for a discussion on forming Committees and completing GDPE/GS Forms!

This event is open to any GDPE student who would benefit from the discussion!

GDPE Mentorship Meetup

Topic: Committees and Forms

October 18, 2023
3:00 - 4:30 PM
Biology 133

CALL FOR ECOL 592 SUBMISSIONS
Spring 2024

Scan to access the submission form

GRADUATE DEGREE PROGRAM IN ECOLOGY
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 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!](#)

STUDENT DEFENSE ANNOUNCEMENTS

MS Defense Seminar

Karissa Courtney
Mapping the landscape of wildfire risk mitigation: Understanding the links between equity, community assets, capacities, and collaboration

October 17, 2023
11:00 am MST



Mapping the landscape of wildfire risk mitigation: Understanding the links between equity, community assets, capacities, and collaboration

Karissa Courtney
Master's Defense Seminar

October 17, 2023, at 11am MST
Michael Smith Natural Resources (MSNR) room 345

Virtual access via Teams Meeting ID: 202 094 090 093
Passcode: U9hKQU

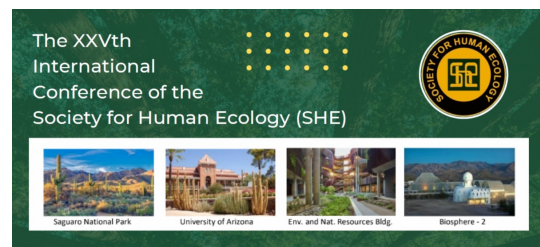
Advisor: Dr. Jon Salerno
Committee: Dr. Sarah Walker
Dr. Tony Cheng



ECOLOGY SEMINARS AND CONFERENCES

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.



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.



NON-ECOLOGY CSU EVENTS

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](#)

FALL 2023 PROFESSIONAL DEVELOPMENT GRADUATE STUDENTS AND POSTDOCS

Register at colst/GCLEa

COMMUNICATIONS SKILLS	JOB MARKET
Aug. 29 Noon-1:30 p.m. Zoom NSF Graduate Research Fellowship Program Information Session with successful GRFP awardees and scholarship reports	Sept. 20 Noon-1:30 p.m. Zoom Interviewing Tips: Phone, Video, In-Person for Success in Graduate School and Beyond with Chase Weston, Career Center and CWMS
Sept. 12 Noon-1:30 p.m. Zoom Thesis & Dissertation Writing Tips: How to Get Started and Stay Inspired with Dr. Kristine Ogden, CSU Writer and Graduate School	Sept. 27 Noon-1:30 p.m. Zoom Job Application Statements: Research, Teaching, and Diversity with Dr. Sha Taylor, Director Biomedical Engineering, Dr. Andrius Ogden, Research Associate Dean CWMS, and Dr. Kristine Ogden - CSU Writer
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 Foster, CSU WRMS - Research Foundation	Oct. 31 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
Nov. 15 9 a.m. - 6:30 p.m. In-person Graduate Student Showcase	Oct. 31 Noon-1:30 p.m. In-person (max. of 20 people) Align Your Support Network with Your Career Goals with Cara Brantley, Program Manager, School of Advanced Materials Discovery
Sept. 6 Noon-1:30 p.m. Hybrid: Online or in-person option How to Use LinkedIn Learning to Build Professional Skills with Dr. Andrea Sully, Assistant Professor	Nov. 1 Noon-1:30 p.m. Zoom Lead From Where You Are: Leadership Models and Strategies with Dr. Kristine Ogden, CSU Writer and Graduate School
Sept. 13 Noon-1:30 p.m. In-person Create Your Individual Development Plan for Success in Graduate School and Beyond with Dr. Kim Coe-York, Responsible Contact for Research Coordinator, Office of the Vice President for Research	
October 24 Noon-1:30 p.m. Zoom Strategies for Financial Success in and Beyond Graduate School with Dred Sparks, CSU Faculty and Director of Sparks Financial Education	

JAN SUBSCRIBE
1
Add yourself to your preferred calendar and receive reminders using the options at the top right corner of our calendar at: graduateschool.colostate.edu/events

ISSUE LEAD ENROLL | GRADUATE SCHOOL COLORADO STATE UNIVERSITY | graduateschool.colostate.edu | <https://twitter.com/gradschoolCSU> | www.facebook.com/gradschoolCSU

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/>

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 ECOL 620: APPLICATIONS IN
LANDSCAPE ECOLOGY

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

ECOL 592 OPTIONS:
BIG DATA IN ECOLOGY: PROGRESSES AND
PITFALLS
PEER REVIEWING FOR EARLY CAREER
RESEARCHERS

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
ECOL 620: APPLICATIONS IN LANDSCAPE ECOLOGY
LECTURE: M/W 2:00 - 2:50 PM
RECITATION: W 3:00 - 3:50 PM
LAB: R 9:00 - 10:50 AM

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

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 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 578: ECOLOGY OF DISTURBED LANDS
LECTURE: M/W/F 11:00 - 11:50 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

PHD POSITIONS

PhD position in Forest Ecological Genetics at Penn State

The [Leites Lab](#) at Penn State is looking for a PhD student interested in forest ecological genetics and ready to start the program in January 2024. The student will join a multi-institutional team studying ecological genetics of forest tree species, modeling population responses to climate in tree species native to the eastern US, and delineating climate-smart seed sourcing strategies for resilient forests. The student will have the opportunity to work in collaboration with our national and international colleagues, and with federal and state agencies. The successful candidate should have completed a MS in forest resources/forest ecology or related subjects, have strong quantitative skills, be highly motivated, and committed to an inclusive and supportive environment.

Interested applicants should contact [Dr. Laura Leites](#) and provide 1) a one-page cover letter stating interest and describing quantitative skills, 2) a CV with publications, and 3) three professional references.

PhD position in Plant and Soil Ecology at Michigan State University

Michigan State University's Department of Forestry and Plant, Soil, and Microbial Sciences (PSM) are pleased to announce a 5-year graduate research assistantship to support a PhD student in conducting research in Plant and Soil Ecology. The student will be co-advised by Dr. Akihiro Koyama (MSU Forestry) and Dr. Christopher Blackwood (MSU PSM). The successful candidate will help to lead a project investigating how crop rotation affects crop performance and yield through plant-soil feedbacks. This will include field, greenhouse, and laboratory-based research, investigating plant-soil feedbacks, focusing on the interaction between crops (canola, maize, soybean and wheat) and root and soil microorganisms, such as mycorrhizal fungi and pathogens. Field work will take place in W.K. Kellogg Biological Station and greenhouse and lab-based activities will take place on MSU campus. The assistantship is available for formal Spring 2024 enrollment. Funding for tuition, health and stipend is available for 5 years.

To show interests in the position, please send a one-page cover letter, CV, and the names and contact information of three referees by email as a single pdf file to [Dr. Aki Koyama](#) by October 20, 2023. The cover letter should address what are the motivation to apply for this research assistantship and what are the strengths as a candidate for this position.

PhD position in Evolutionary Ecology at Auburn University

The [Bassar lab](#) at Auburn University is inviting applications for PhD students interested in evolutionary ecology starting in fall 2024. Members of the lab address diverse topics in evolutionary ecology including eco-evolutionary feedbacks and their role life history evolution, the evolution of species coexistence, and host-parasite interactions. Most of the empirical research involves studies of fish communities (guppies and killifish) on the Caribbean Island of Trinidad. Both fish species are amenable to experiments in the lab, in seminatural artificial streams, and natural populations. Students working on their dissertation research have access to each of these facilities and to a long-term experimental evolution [study of guppies in Trinidad](#) run by my collaborators and me.

Graduate students in the department receive guaranteed funding for 5 years, typically in the form of Teaching Assistantships. The Bassar lab also has funding for several Research Assistantships.

Prospective students should email a cover letter describing your research interests, future goals, and how doing a PhD in the group will help you to achieve those goals to [Ron Bassar](#). Please also include a CV and contact information for two references.

PhD positions in Urban Wildlife Ecology and Human-Nature Interaction at University of Iowa

Dr. Heather Sander's lab in the Department of Geographical and Sustainability Sciences at the University of Iowa has openings for two-to-three, funded PhD students to start in the fall of 2024. Dr. Sander's lab conducts research focused on identifying relationships between urban wildlife communities, landscapes, and human well-being and is an active partner in the [Urban Wildlife Information Network](#). Students with research interests in urban wildlife ecology, particularly of mammals, and urban human-nature interaction, including relationships between wildlife and human well-being, are especially sought. Previous field experience involving mammals (camera trapping, live trapping) and ecological modelling experience (e.g., occupancy modelling) or experience with ethnographic and survey techniques are desirable.

Interested students should contact [Dr. Heather Sander via email](#) prior to applying. That email should include a curriculum vitae, unofficial transcript, and a one-page statement describing past experience and research and career interests. Information on the department's graduate programs and application process is available [here](#).

PhD positions in Animal-Ecosystem Interactions at Drexel University

The [Bio-Funk Lab](#) in the Department of [Biodiversity, Earth and Environmental Sciences](#) (BEES) at Drexel University (Philadelphia, PA) is seeking 1-2 PhD students to start in Fall 2024.

Research topics in the lab are diverse, and include a variety of theoretical and applied topics, such as ecosystem engineering, consumer-resource interactions, zoogeochemistry, restoration ecology, environmental ethics, and coastal resource management. My group works mainly in coastal habitats (e.g., salt marshes, seagrass beds, oyster reefs) and drylands (e.g., Negev desert).

Interested students should contact [Dr. Shelby Rinehart](#) prior to applying. The email should include your CV and a short (1-2 paragraphs) introduction with your research background and interests. Please include 'Prospective Graduate Student 2024' in the email subject line.

JOBS, FELLOWSHIPS, INTERNSHIPS

The Morgridge Acceleration Program (MAP) Fellowship

Deadline October 20, 2023

The MAP) Fellowship is a six-month remote program allowing early-to-mid-career changemakers to tackle a real-world challenge currently facing a nonprofit, tap into elite mentorship, networking platforms, fully-funded travel opportunities to Miami, Washington DC, and the location of their assigned nonprofit, and access a grant of \$5,000 to advance their solutions—**all while remaining in their current roles**. Mentors represent leading organizations, including Aspen Institute, Detroit Justice Center, and American Rivers. Applications close October 20. Click [here](#) to learn more.

Postdoctoral Fellow in Population Biology

Deadline November 1, 2023

The Center for Population Biology at UC Davis invites applications for a **Postdoctoral Fellowship in Population Biology**, broadly defined to include ecology, phylogenetics, comparative biology, population genetics, and evolution. We particularly encourage applications from candidates that have recently completed, or will soon complete, their Ph.D. The position is for two years, subject to review after one year, and can begin as early as July 1, 2024. Click [here](#) to learn more.

Assistant Professor of Ecology

Deadline November 6, 2023

The Department of Integrative Biology at Oklahoma State University invites applications for a **tenure-track Assistant Professor position in Ecology** who works at landscape or larger spatial scales. 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



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