



January 23, 2023

Happy Monday, GDPE Community!

We have made it to week 2 - which means our first full week back. I hope you all are settling in and finding the rhythm of your new schedules. If you're looking for some mid-week fun, the GDPE Social Committee and FRSES team are co-hosting a social/fundraising event at Maxline Brewing this Thursday at 5:30pm. 10% of the proceeds will go towards FRSES!

In light of my new role as your Science Communication Fellow, I am excited to share many opportunities for presenting your research and developing skills to better communicate the awesome science that you do! Below you will find details for 2 conferences, [FRSES](#) and [ESA's annual meeting](#), that are open for abstract submissions. I encourage you all to consider participating in these events as presenters, judges, volunteers, or attendees! I've also dropped some webinar links on writing good abstracts and pursuing alt-academic careers in ecology.

Since we are all busy reading and writing, and possibly even teaching others how to do this well, I wanted to share with you a [recent blog post](#) from Stephen Heard on ChatGPT (a Generative AI software) and scientific writing. If you're teaching a course and are worried about students using it to write their assignments, consider having them analyze the text for poor scientific writing techniques (e.g., use of passive voice and too many acronyms as Stephen points out).

Have a great week!
Josie Otto



GDPE EVENTS & ANNOUNCEMENTS



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

SPRING 2023 DISTINGUISHED ECOLOGIST SEMINAR

*"Ungrading, Cross-Disciplinarity, and Other
Adventures in Teaching Animal Behavior"*



AMBIKA KAMATH



1 February 2023



4:00pm



Biology 136

Reception at 5:00pm in the Biology 3rd Floor Atrium

University of Colorado - Boulder
Assistant Professor in the Dept.
of Ecology and Evolutionary Biology

GDPE Distinguished Ecologist Seminar

Please join GDPE in welcoming our Rising Star Distinguished Ecologist, Dr. Ambika Kamath for her talk "Ungrading, Cross-Disciplinarity, and Other Adventures in Teaching Animal Behavior".

The seminar will be held on Wednesday, February 1st at 4:00pm in Biology 136. 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!

CALL FOR WORKSHOPS AND PANELS

Panel: this is a moderated speaking event featuring 2 - 4 speakers around a question or specific topic. We expect about 30 minutes of moderated discussion and 15 minutes of audience Q&A.

Workshop: this is an interactive event led by 1-2 facilitators, where participants will collectively discuss and develop ideas around a theme. This is NOT a lecture or speaking event.

Inspire session: this is a relatively new speaking format featured at ESA 2022. First, graduate students give 5-minute flash talks on a common theme. Then, a panel of 2 - 4 experts discusses the theme, followed by audience Q&A. Inspire sessions can be moderated or unmoderated.

INQUIRE USING THE EMAIL BELOW. DEADLINE IS FEBRUARY 1, 2023

29TH ANNUAL FRONT RANGE STUDENT
ECOLOGY SYMPOSIUM



FEBRUARY 23-24, 2023



VISIT OUR SITE
AT [FRSES.ORG](https://frses.org)



[CSU_FRSES](https://twitter.com/CSU_frses)



GDPE_FRSES@COLOSTATE.EDU

Participate in FRSES!

The Front Range Student Ecology Symposium (FRSES) will be hosted at the Lory Student Center February 23-24, 2023, with opportunities for all undergraduate and graduate ecology researchers. **The deadline for submitting an abstract has been extended to Wednesday, February 1st!** Our keynote speaker will be **Dr. Danielle Ignace**, an ecophysiological, science communicator, and an advocate for Indigenous voices in STEM. Find out more about Dr. Ignace [at her website](#). For more event information and to get involved, check out our website <https://frses.org> and follow us on Twitter [@CSU_frses](https://twitter.com/CSU_frses).

Symposium registration and abstract submission are now LIVE on the [Front Range Student Ecology Symposium website!](#) Registration is required for all attendees, including faculty. We are also recruiting facilitators for workshops, panels, and Inspire sessions. FRSES is a great place to find community and share your research with a local audience. We look forward to seeing you all there!

GDPE Event Calendar

ECOLOGY & CSU EVENTS

Graduate Students of Color Association

GSCA is an association by grad students for grad students; to build community, share experiences and lots more. Do you identify as a grad student of color? Then come join the tribe!!! Meetings will be held every 2nd and 4th Friday of each month from 4-5pm at the OIE office. The first meeting for the semester is this Friday, January 27. Feel free to sign up using the link to the interest form [here](#).

GSC and ASCSU Grants

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. More information [here](#).

GDPE Annual Progress Report

The successful progress, accomplishments, and goals of students in the Graduate Degree Program in Ecology shall be reviewed annually by the student with their advisor and committee before being submitted to the program administration. This report is intended to facilitate those discussions, provide an opportunity for the student to reflect on their professional goals, and develop expectations for the up-coming year. It will also become part of your official GDPE file and may be used for evaluating merit for GDPE awards. **Deadline is Wednesday, February 1.** More information [here](#).

Colorado PARC 2023 Annual Meeting

MARK YOUR CALENDARS & [GRAB YOUR TICKETS!](#)

Come on out to our 2023 Annual Meeting! We are excited to have this event again but capacity is very limited, so get your tickets soon!

This year the meeting will be hosted on February 4th, at the Colorado Parks & Wildlife Headquarters in Denver. Follow us on [Facebook](#) for updates!

Colorado Partners in Amphibian and Reptile Conservation

Ecological Society of America 2023 Annual Meeting

ESA invites abstracts for contributed presentations (talks and posters) for the 2023 Annual Meeting, which will take place August 6-11 in Portland, Oregon.

Abstracts are encouraged to address the meeting theme [ESA for All Ecologists](#) if appropriate but doing so is not necessary. Abstract submissions are due Thursday, February 23 (1 month from today!). More information [here](#).

Ecological Society of America Webinars

Write a Good Abstract, Give a Better Talk - February 6 [register here](#)

Join Bruce Kirchoff for his workshop on effective scientific presentations.

Alt-Academic Career Q&A I - February 8 [register here](#)

Join ESA's Early Career Ecologists Section for the first of two panels exploring diverse career pathways in ecology. See how some early career scientists got into their current fields, and get advice for how you can pursue a similar pathway.

Featuring:

- * Cari Ficken, Sustainability Project Manager, New York Power Authority
- * Madeline Strom, Instructional Designer, University of Arizona
- * Pacifica Sommers, Metagenomics Data Scientist, Bayer Crop Science

Alt-Academic Career Q&A II - February 9 [register here](#)

Join ESA's Early Career Ecologists Section for the second of two panels exploring diverse career pathways in ecology. See how some early career scientists got into their current fields, and get advice for how you can pursue a similar pathway.

Featuring:

- * Kristen Emmett, ORISE Fellow, USDA Forest Service
- * Cait Rottler, New Mexico Climate Adaptation Specialist, South Central Climate Adaptation Science Center
- * Avery Scherer, Senior Ecologist, Cramer Fish Sciences

COURSES

Spring 2023

ECOL 592 Interdisciplinary Seminars

Please note: Students are welcome to take multiple 592s in a semester.

◆ **ECOL592 001** Vertebrate Climate Change Responses (*Dr. Cory Williams*)

CRN:18824 Credits: 1 *Please register for 1 credit only.*

◆ **ECOL592 003** Continuation of Fall 2022 ECOL 610 Project (*Dr. Joe von Fischer*)

CRN: 15033 Credits: 1 *Please register for 1 credit only.*

◆ **ECOL592 004** Transdisciplinary Approaches in Sustainability: principles & practice (*Dr. Joe von Fischer*) **CRN: 10127 Credits: 1** *Please register for 1 credit only.*

◆ **ECOL592 006** Sustainable Food Systems (*Dr. Meagan Schipanski*) **CRN:10129 Credits: 1** *Please register for 1 credit only.*

◆ **ECOL592 002** Assessing the Genetic Status of US Endangered Species Act-listed Species (*Drs. Chris Funk, Brenna Forester, Sean Hoban*) **CRN:10126 Credits: 1** *Please register for 1 credit only.*

Assessing the Genetic Status of US Endangered Species Act-listed Species

Instructors: Drs. Chris Funk, Brenna Forester, Sean Hoban

Extracting genetic and demographic information (effective size and census size) of threatened species from existing US FWS reports to develop a publishable meta-analysis on USA species genetic status, building on prior work. Will lead to students better understanding of standardized data collection, management of qualitative and quantitative data, group collaboration, and species management and policy.

 **Tuesdays**
2:00 - 2:50



Maguire's daisy



mountain yellow
legged frog



piping plover

◆ **ECOL592 005/FWCB 696** Ecological Science Writing (*Drs. Dan Preston and Kevin Bestgen*)
CRN: 10128 **Credits: 2** *Note: this course is a 2 credit course*

Spring 2023



ECOL 592-005/FW 696

Ecological Science Writing

Instructors: Drs. Dan Preston and Kevin Bestgen

Students will gain knowledge and skills focused on 1) organizing a scientific paper, 2) the process of publishing a scientific paper, 3) enhancing writing behavior, and 4) style for scientific writing. The instructional format will include lectures, discussions, written assignments, peer-review, and readings from *The Scientist's Guide to Writing* by S. B. Heard. Students are strongly encouraged to have their own writing project (e.g., manuscript) to work on as they develop and hone their writing skills.

 **Tuesdays**
3:00 - 4:40pm

2 credits
CRN: 10128



◆ **ECOL592 007** Pollinators and Citizen Science (*Drs. Gillian Bowser and Phil Halliwell*) CRN: 12969
Credits: 1 *Please register for 1 credit only.*

POLLINATORS AND CITIZEN SCIENCE

Drs. Gillian Bowser & Philip Halliwell



Biodiversity loss and pollinator decline are two emerging topics of discussion in the climate change debate. What are some of the drivers of pollinator declines, how can biodiversity loss be measured against changing climate and how can these be detected using citizen science?

TUESDAYS
12:00 pm
1 credit

Keep checking back here and on our [website](#) for new ECOL 592s

AGRI 638 - Ecosystem Service on Agricultural Lands

3-credit online course that applies an economic lens to look at buying and selling ecosystem services. Students will learn about ecosystem services, but focus on how farmers, ranchers, and other extensive land users can find ways to increase returns through marketing resources on their agricultural properties. Examples include hunting, agro-tourism and selling carbon credits. We will dig deep to explore innovative potential. All students will create an ecosystem marketing plan on an actual farm, ranch or other appropriate properties. Taught by Dana Hoag

ECOL and AB 581A2 - Insect Ecology

Insects play crucial roles in most ecosystems, and their biology is just fascinating - come learn all about them in this new experimental course taught by GDPE Director Ruth Hufbauer.

3 credits, 10-10:50 MWF.

ECOL Lecture CRN: 21553; AB Lecture CRN: 21102

ECOL/AB 581A2

INSECT ECOLOGY

Instructor: Dr. Ruth Hufbauer

ECOL Lecture CRN: 21553; AB Lecture CRN: 21102

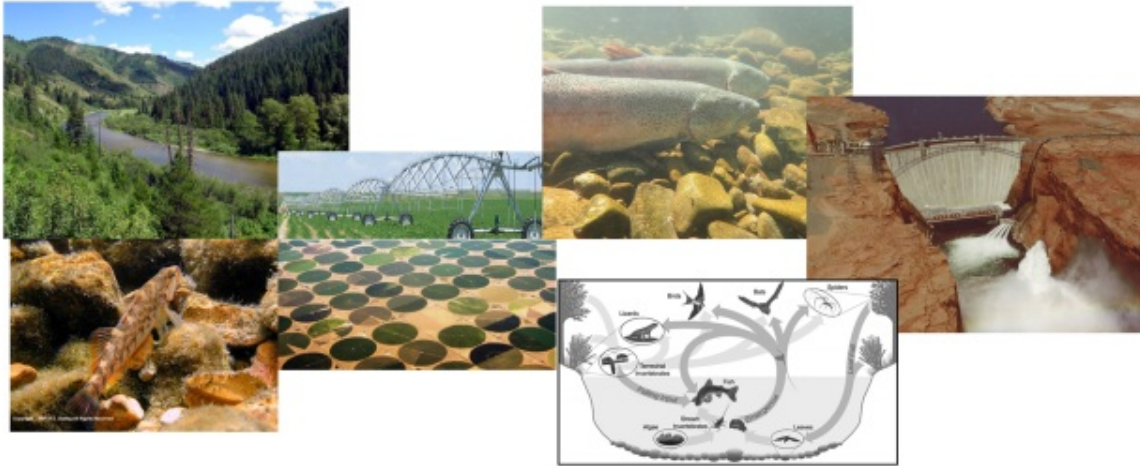
	Class Mondays & Wednesdays 10:00 - 10:50am	Recitation Thursdays 9:00 - 9:50am
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World (3 credits)

Tuesday and Thursday 11 am–12:15 pm

Engineering, E 106

Instructors: LeRoy Poff (Biology) & Yoichiro Kanno (FWCB)



Offered Spring 2023!

BZ 568 (CRN 20597) & FW 568 (CRN 20598)

Sustaining River Ecosystems in a Changing World (3 credits)

Tuesday and Thursday 11 am–12:15 pm

Engineering, E 106

Instructors: LeRoy Poff (Biology) & Yoichiro Kanno (FWCB)

Course objective: Apply the concepts and principles of river ecosystem structure and function to develop a multidisciplinary and integrated understanding of the approaches and methods for restoring and sustainably managing these systems in the face of increasing human demands and rapid climate change. The course aims to bring together perspectives from ecological scientists, resource managers, engineers, hydrologists and social scientists to study and discuss the interdisciplinary challenges of sustaining riverine ecosystems and biodiversity.

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Recent Publications

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!

[Share your Recent Publication](#)

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 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!

Submit Photos

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

GRANTS & JOBS

Postdoctoral Research Scholar in Urban Spatial Ecology

Application closing date January 30

CAPLTER seeks a postdoc to develop and analyze land use/cover change and bioclimatic metrics in residential landscapes and open spaces (e.g., urban parks, riparian areas, desert preserves) within the CAP ecosystem at various spatial and temporal scales to understand how varied urban environmental factors shape vegetation and wildlife communities. The successful candidate will have a Ph.D. in geography, ecology, environmental science, plant or wildlife science, remote sensing, spatial ecology, or a related field by the time of appointment. The Ph.D. must have been earned within the last four years. More information [here](#).

Rocky Mountain Conservancy & Rocky Mountain National Park

Continental Divide Research Learning Center

2023 Call for Bailey Fellowship Research Proposals

Application closing date February 1

The RMNP Bailey Research Fellowship is an endowed program of the Rocky Mountain Conservancy that is funded by the Leslie Fidel Bailey Charitable Trust. It is designed to encourage highly qualified graduate students to apply their talents to conducting research in national parks. It is also intended to convey the importance of communicating park research to the public. More information [here](#).

Ecologist at Rocky Mountain National Park

Application closing date February 2

The National Park Service seeks an ecologist at Rocky Mountain National Park in the Division of Resource Stewardship. The ecologist will manage the forestry program, including inventories and treatments for forest pests and pathogens. More information [here](#).

Submit Job Announcement



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CSU Graduate Degree Program in Ecology | Colorado State University, Johnson Hall rm 102,
Fort Collins, CO 80523-1021

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