



January 17, 2023

Dear GDPE community,
Welcome back! I hope you had some fun and restful and productive times between semesters. This spring we have three great speakers in our Distinguished Ecologist seminar series, the first of whom is Rising Star Ambika Kamath on February 1st. She will be talking about the revolution in teaching approaches, with a particular focus on animal behavior. I've made a draft sign-up sheet for meeting with Dr. Kamath [here](#). Ask me or co-organizer Lily Durkee (l.durkee@colostate.edu) if you have any questions or would like to meet with her. I strongly encourage grad students to take advantage of her visit! Meeting with a small group of grad students and a speaker can be great. There are also meal times available.

While we are looking forward to the upcoming talks, I also want to thank Will Clements, our resident Distinguished Ecologist from last fall who drew in a fantastic crowd (the snap shot below hardly captures that) and gave an inspiring seminar.

Don't forget as you all dive into this first week that the deadline for submitting abstracts to the FRSES conference here at CSU is this Friday! The organizers would love more submissions! There is more info below.

Stay safe and warm over the next few days. Since I will be teaching on Wednesdays I'm really hoping we're not starting a pattern of snow every Wednesday like we had spring '22! Everyone who had class on Wednesdays last spring remember that pattern, I'm sure!

Best wishes and I'm looking forward to seeing you all at a DE seminar soon!
Ruth





GDPE EVENTS & ANNOUNCEMENTS

**SPRING 2023
DISTINGUISHED
ECOLOGIST
SEMINAR**

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

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

1 February 2023 4:00pm Biology 136
Reception at 5:00pm in the Biology 3rd Floor Atrium

GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

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 is this Friday, January 20th!** Our keynote speaker will be **Dr. Danielle Ignace**, an ecophysiologicalist, 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](#).

Symposium registration and abstract submission are now LIVE on the [Front Range Student Ecology Symposium website!](#) 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! Join us for our next meeting on Thursday, January 19th from 12-1 in Johnson Hall 132.

GDPE Event Calendar

ECOLOGY & CSU EVENTS

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](#).

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!

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 Schipanksi*) 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.**


ECOL 592-002 CRN: 10126


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

GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY


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.*

ECOL 592-007 CRN 12969

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

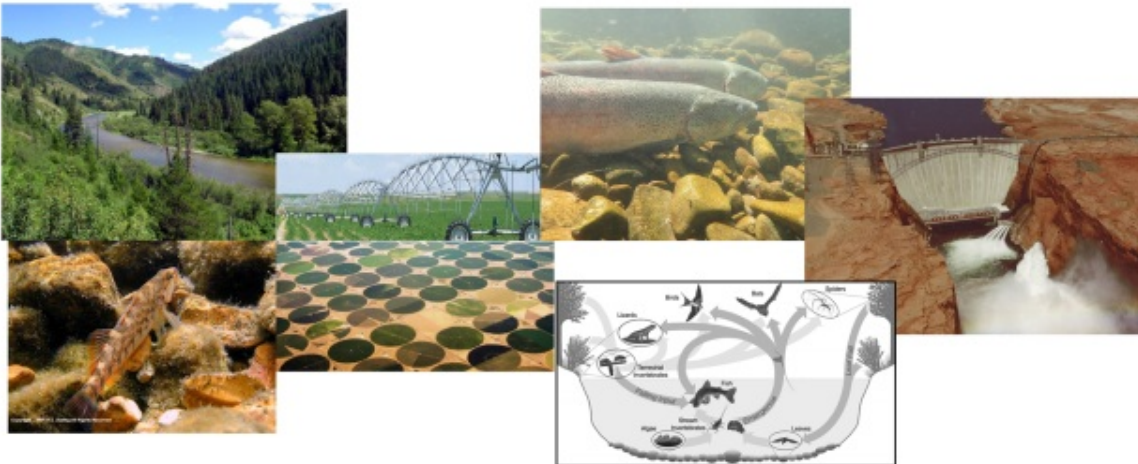


BZ 568 (CRN 20597) & FW 568 (CRN 20598) - *Sustaining River Ecosystems in a Changing World* (3 credits)

Tuesday and Thursday 11 am–12:15 pm

Engineering, E 106

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



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.



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 the national parks. It is also intended to convey the importance of communicating park research to the public. More information [here](#).

Submit 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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