

# **GDPE**

## **Weekly Digest**

### **August 31, 2020**

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Dear GDPE Community,

We have 16 new grad students joining us this fall from all over the U.S. and Great Britain. You can read a bit about them below. Please help them feel welcome!

Also, the Grad School is putting on outstanding workshops this fall, and Coding and Cookies is starting up, too! See below for details.

Best wishes,  
~Your GDPE Admin Team

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## **NEW GDPE GRADUATE STUDENTS**

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## Kate Bazany

**Advisor:** Pankaj Trivedi, Dept. of Agricultural Biology

### Research Interests:

Plant and soil microbiomes

### Where are you joining the program from:

Research associate at Indigo Ag

### Share something about yourself with the GDPE community:

I love hiking, painting, and seeing new places!



## Natalie Buchholz

**Advisor:** Melissa McHale, Dept. of Ecosystem Science & Sustainability

### Research Interests:

Canopy Research, Environmental Justice, Anthropology

### Where are you joining the program from:

The University of Colorado, Boulder

### Share something about yourself with the GDPE community:

I have a deep passion for traditional medicine and have been studying under my godmother, who is a naturopathic MD since I was little. Because of her, I have a deep passion for traditional medicine and plant life. One of my favorite hobbies is to go foraging for medicinal herbs!



## Stephen Chang

**Advisor:** Stephen Leisz, Dept. of Anthropology

### Research Interests:

Land Tenure, Agricultural Land Use

### Where are you joining the program from:

The University of Wisconsin, Madison

### Share something about yourself with the GDPE community:

Bird watching. Gardening. These two things take up almost all of my free time.



## Kathy Condon

**Advisor:** Alan Knapp, Dept. of Biology

**Research Interests:**

Ecosystem Ecology & Climate Change

**Where are you joining the program from:**

Murray State University

**Share something about yourself with the GDPE community:**

I grew up in the St. Louis area and attended a summer camp there for years as both a camper and staff. My summers camping helped me develop my love for nature and the outdoors and grew my interests in ecology!



## Christine Folks

**Advisor:** Paul Ode, Dept. of Agricultural Biology

**Research Interests:**

Indirect effects of biological control agents

**Where are you joining the program from:**

U.S. Fish and Wildlife Service

**Share something about yourself with the GDPE community:**

I studied songbird behavior in Virginia, mosquito ecology in Puerto Rico, and grasshopper control in Kansas before studying biological control insect behavior and ecology at CSU. In my free time, I enjoy running, playing guitar and violin, and writing poetry.



## Becca Harris

**Advisor:** Mark Paschke, Dept. of Forest & Rangeland Stewardship

**Research Interests:**

Restoration of plant communities

**Where are you joining the program from:**

Working as a biological science technician during the field season and a freelance journalist in the winter.

**Share something about yourself with the GDPE community:**

In my free time I love to backpack and climb!



## Marcel Kate Jardeleza

**Advisor:** Ian Pearse (USGS) & Ruth Hufbauer, Dept. of Agricultural Biology

**Research Interests:**

Evolutionary ecology and biological invasions

**Where are you joining the program from:**

I have just finished my M.S. in Ecology with GDPE and now continuing into my Ph.D.

**Share something about yourself with the GDPE community:**

I have never ridden a horse, but used to ride karabaos (water buffalo) in my grandpa's rice field.



## Allie Kohler

**Advisor:** Randy Boone, Dept. of Ecosystem Science & Sustainability

**Research Interests:**

Ecology, ornithology, mammalogy

**Where are you joining the program from:**

Northland College (undergrad), then Texas A&M University (MS)

**Share something about yourself with the GDPE community:**

I love birding, hiking, swimming, camping, and anything outdoors, my favorite book is The Biophilia Hypothesis, and my favorite hobby is painting!



## Monica Lasky

**Advisor:** Sara Bombaci, Dept. of Fish, Wildlife, & Conservation Biology

**Research Interests:**

Anthropogenic effects on African wildlife

**Where are you joining the program from:**

Project Coordinator in Roland Kay's Lab at North Carolina State University

**Share something about yourself with the GDPE community:**

I ride horses and love to travel!



## Nico Matallana-Mejia

**Advisor:** Melinda Smith, Dept. of Biology

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**Research Interests:**

Ecology of grasslands and bison

**Where are you joining the program from:**

Botanist at Glacier National Park, Montana

**Share something about yourself with the GDPE community:**

I love mountains, I love plants!



## Giovana Matos Franco

**Advisor:** Paul Ode, Dept. of Agricultural Biology

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**Research Interests:**

Biological control of Russian knapweed

**Where are you joining the program from:**

Louisiana State University

**Share something about yourself with the GDPE community:**

Just finished my M.S. degree at LSU and I'm excited to explore Colorado!



## Caitlin Miller

**Advisor:** Kristen Ruegg, Dept. of Biology

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**Research Interests:**

Population genetics, climate, migratory birds

**Where are you joining the program from:**

Research scientist at University of Washington working in a pediatrics genetics lab

**Share something about yourself with the GDPE community:**

I lived in Seattle for 5 years before moving to Fort Collins. My hobbies include bouldering, running, baking, and playing video games.



## Dana Musto

**Advisor:** Cameron Aldridge, Dept. of Ecosystem Science & Sustainability

**Research Interests:**

Bison herbivory in Grand Canyon

**Where are you joining the program from:**

CSU

**Share something about yourself with the GDPE community:**

Traveling, especially to new countries, is something I value most in life and it helps me understand what it means to be human. My favorite place I have traveled to is Tanzania and a place I hope to travel to soon is Vietnam.



## Aaron Prairie

**Advisor:** Francesca Cotrufo, Dept. of Soil & Crop Sciences

**Research Interests:**

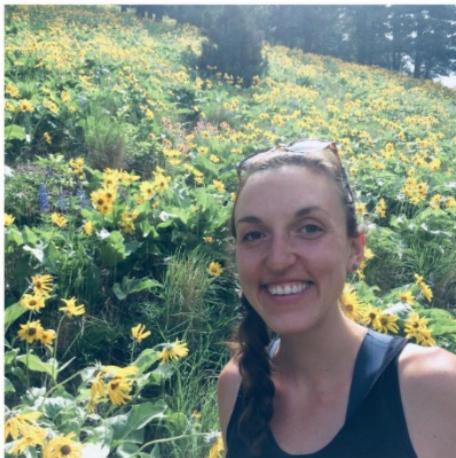
Soil ecology and regenerative agriculture

**Where are you joining the program from:**

Imperial College London

**Share something about yourself with the GDPE community:**

I am an avid backpacker and I love to climb, ski, and garden. I also enjoy raising insects and arachnids and helping people learn to be less afraid of these fascinating critters.



## Maggie Ross

**Advisor:** Melinda Smith, Dept. of Biology

**Research Interests:**

Plant community ecology

**Where are you joining the program from:**

University of Montana Herbarium

**Share something about yourself with the GDPE community:**

I've spent the past several years studying plants in forests, wetlands, and grasslands. I love to botanize, drink tea, and go on pleasant walks.



## Nathan Teich

**Advisor:** Cynthia Brown, Dept. of Agricultural Biology

### Research Interests:

Invasive Species and Species Distribution Modeling

### Where are you joining the program from:

Center for Environmental Management of Military Land Management

### Share something about yourself with the GDPE community:

I love hiking, running, boardgames, movies, and plants!

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## ECOLOGY & CSU EVENTS

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### **The Graduate School Professional Development Fall 2020 Series**

Sign up [here](#). You can also [subscribe to the Grad School event calendar](#). Coming up soon are:  
Sept. 1 5:30-7:00 PM: NSF Graduate Research Fellowship: Components of a Strong Application  
Sept 14 12-1:30 PM: Thesis and Dissertation Writing Tips: How to Get Started and Stay Inspired  
Sept 21 12-1:30 PM: [Uncovering Bias: Exploring Implicit and Explicit Bias](#)

### **Cookies and Coding**

It's byo cookies this fall. Register for individual sessions [here](#). The instruction in R coding is invaluable!

### **SUPER (Skills for Undergraduate Participation in Ecological Research) Mentor Recruitment**

SUPER is a year-long ESS program that trains undergraduates in foundational research skills through fall and spring 1-credit seminars, while pairing them with mentors to conduct a 3-credit research project. Complete the [mentor application](#) by **September 1**.

More info [here](#)

### **GRAD Writes Fall Events Announcement**

CSU **Writes** events for graduate students (GRAD Writes) are designed to support your writing needs and goals. Because good research is good writing. More info [here](#)

### **2020 Graduate Climate Conference**

Graduate students associated with the University of Washington's Program on Climate Change and the MIT Department of Earth, Atmospheric and Planetary Sciences are pleased to announce the 14th Annual Graduate Climate Conference (GCC), which will be held virtually October 30 - November 1, 2020. Deadline for abstract submission: **September 1**. More info [here](#)

### **Save the dates:**

[CSU Diversity Symposium](#) October 19-23  
Graduate Student Showcase Nov. 16-20

### **Items of Note:**

#### **Second Pop-up Global Symposium about Life Ecology and You (PUGSLEY II)**

Our first Zoom session will be on **Tuesday, September 8th from 12-1pm NYC time** - with two great speakers.

Further information (e.g. Zoom link) will be available by email, Twitter, the Forest Ecology web site at Minnesota, and perhaps other means. Jody Daniel-Simon, University of Waterloo, Precipitation timing influences wetland biological communities. Madelon Case, University of Oregon, Below ground niche separation of savanna trees and grasses across soil textures. More info [here](#)

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# DEADLINES

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## GDPE Deadlines

*none currently*

## Grad School Deadlines

### **Add/drop period ends on September 9**

A Late Registration Charge of \$50 (subject to change) is assessed for adding the first course on or after the first day of classes or for late adds after the registration period.

## Other Deadlines

Thinking ahead to Fall graduation? The deadline to apply to graduate is Sept. 18th, and defenses need to happen before Nov. 6th.

[NSF GRFP](#) October 19

[NSF Postdoctoral Fellowship](#) November 18

Find all of the deadline details on the CSU Graduate School's website [here](#).

Find all of the registration details on the CSU Registrar's website [here](#).

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Send us your photos! Now more than ever, it's important for us to keep in touch. Send us your photos of your WFM desk, from the field, or just photos of you relaxing and enjoying summer!

[Submit photos](#)

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# COURSES

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## GDPE Course Information

◆ **ECOL592 (Interdisciplinary Seminars)** New sections have been added for Fall 2020!

**Important Note:** *Please register for the correct number of credits indicated for each course.*

◆ **"The Science of Ecosystem Measurement "** (Dr. Claudia Boot, Katie Rocci) Section 002, CRN, 60075 **Credits: 1**

◆ **"Sagan Lecture Seminar: Compton J. Tucker's view of life on Earth "** (Dr. Dennis Ojima) Section 003, CRN, 60079 **Credits: 1**

◆ **"Wildlife Disease Science for Application to Risk Assessment and Control"** (Drs. Kim Pepin, Amy Gilbert, Susan Shriner, Sarah Bevins) Section 004, CRN 60232 **Credits: 1**

◆ **"Justice, Equity, Diversity, and Inclusivity (JEDI) in Ecology"** (Dr. Meena Balgopal, Dani Lin Hunter, Emily Stuchiner) Section 005, CRN, 60233 **Credits: 1**

◆ **"The Ecology of Seeds and Seedlings"** (Dr. Mirands Redmond, Dr. Ian Pearse) Section 006, CRN, 62784 **Credits: 1**

*Proposals for ECOL592 seminars for Fall 2020 can be submitted on-line [here](#).*

## Upcoming Courses of Interest

◆ **BZ 670 Teaching Scientific Reasoning and Argumentation** In this course, we will explore the

philosophy of science, science communication, and science pedagogy, especially as it relates to reasoning, argumentation, and logic. More info [here](#)

◆**NRRT 680A2 Seminar in Cultural and Political Ecology** This course is an advanced seminar of Cultural and Political Ecology (CAPE). Political ecology is a field of research that focuses on (un)equal control of, and access to, natural resources based upon gender, race, social status, class, religion, etc. More info [here](#)

◆**FW 692 Anatomy of Carnivore Reintroduction - Wolves and Other Apex Mammals** This seminar will address three questions: 1) Where and why do carnivore reintroductions occur? 2) Why do they fail and succeed? 3) What are global and regional lessons for Colorado? More info [here](#)

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**All paperwork:** We are currently working remotely, please email forms to Dawn at [ecology@colostate.edu](mailto:ecology@colostate.edu) to coordinate signatures and processing. Thanks!

**We want your feedback!** Do you have comments or suggestions about how your GDPE experience can improve? Let us know! Contact your **new** ExCom Student Representatives, [Katie Rocci](#) and [Dani Lin Hunter](#) 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 look forward to seeing you on Twitter throughout the semester!

### Submitting Announcements

**Student Success:** Let us know if you've gotten a paper accepted, won an award, or received a grant by emailing our Science Communication Fellow, [Arianna Punzalan](#).

**Information for Digest:** Please submit details [here](#) for consideration. If you have questions about this, please contact our Program Coordinator, [Dawn Koschnitzki](#).

[General Student Resources](#)  
[COVID Resources for Grad Students](#)  
[CSU COVID Recovery Resources](#)

[Submit Photos](#)

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## GRANTS & JOBS

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### [Quantitative Fishery Position](#)

**Application due date: Until filled**

Michigan State University has immediate openings in the Quantitative Fisheries Center for PhD students and can accommodate those interested in starting summer or fall 2020. Successful applicant will have background/aptitude/interest in population dynamics, mathematical modeling of fish populations and communities, statistics and application of modeling results to fisheries management, and / or decision making for natural resources management. Learn more [here](#).

### [Research Scholar in Earth System for Anthropocene](#)

**Application due date: September 1st**

The School of Life Sciences at Arizona State University invites applications for a Postdoctoral Research Scholar to contribute to the development of a graduate scholars network, Earth System Science for the Anthropocene (ESSA). The postdoctoral fellow will spend approximately half time researching other graduate scholars programs, networks, and initiatives internationally, nationally, and internally; working with diversity and inclusion trainers and facilitators to develop a justice, equity, diversity, and inclusion (JEDI) training program for the ESSA, and working with students and practitioners to develop pilot interdisciplinary team science experiences as training elements for ESSA scholars. Learn more [here](#).

[Research Scientist Bird Conservancy of the Rockies](#)

**Application due date: September 30**

here Bird Conservancy is hiring a dynamic Research Scientist with a background in quantitative population ecology. The scientist will be expected to develop a cutting-edge independent research program that leverages our diverse long term data sets (monitoring and movement) to inform conservation. Learn more [here](#)

[Submit Job Announcement](#)



GRADUATE DEGREE  
PROGRAM IN ECOLOGY  
COLORADO STATE UNIVERSITY

