



GDPE Weekly Digest



December 21, 2020

Dear all,

Our own [Lise Aubry](#) and colleagues published in [Ecological Applications](#) on the consequences of the pandemic for ecology and evolution faculty members. It's a fascinating study and highlights that the impacts are different by career stage and family responsibilities.

Congrats to all of our fall graduates, with Magda Garbowski and Eric Jensen highlighted below. More highlights to come in the new year!

I wish you a lovely break from classes and regular meetings, and safe times with loved ones. If you travel, please be as careful as you can to stay healthy! Please also quarantine when you get back for the sake of others - remember, it can take 14 days for Covid-19 to develop, so a test upon your return is helpful but not quite enough to block the spread. Here's to the vaccine becoming widely available in 2021!

Happy Holidays to all.

Best,
Ruth

FALL GRADUATES

3 QUESTIONS WITH

Magda Garbowski,
Agricultural Biology



PLEASE DESCRIBE YOUR RESEARCH IN 5 WORDS

Belowground considerations for ecological restoration

WHAT IS YOUR FONDEST OR PROUDEST MEMORY AS A STUDENT IN CSU?

There are too many fond memories to pick just one but teaching fellow GDPE students to ski was a blast!

WHAT WOULD BE YOUR PARTING ADVICE FOR CURRENT GDPE STUDENTS?

Utilize all of the resources you have at your fingertips, don't be nervous to ask for help, and enjoy the journey.

FALL
2020
GRADUATE



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

3 QUESTIONS WITH

Eric Jensen, Dept. of
Ecosystem Science and
Sustainability



PLEASE DESCRIBE YOUR RESEARCH IN 5 WORDS

Remote sensing of shrubland resilience

WHAT IS YOUR FONDEST OR PROUDEST MEMORY AS A STUDENT IN CSU?

After all of the preparation, nothing can compare to successfully defending my thesis in front of colleagues, friends, and family, even over Zoom!

WHAT WOULD BE YOUR PARTING ADVICE FOR CURRENT GDPE STUDENTS?

Make of your graduate school experience what you want it to be—pursue your interests and turn down the rest.

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COURSES

GDPE Spring 2021 Courses

◆ ECOL 571 Distinguished Ecologist Seminar Series and Discussions (TBA): CRNs: 13135, 13136, Credit: 1

Important Note: *Because of the pandemic, both the PhD and MS sections will be 1 credit only, and will count as fulfilling the respective requirements. Please register for 1 credit only!*

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- ◆ **ECOL592 001 "Food Systems "** (Dr. Meaghan Schipanski) CRN: 10126, **Credits: 1** *Please register for 1 credit only.*
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- ◆ **ECOL592 003 "Ecological Science Writing "**(Drs. Kate Huyvaert, Kevin Bestgen) CRN: 15033, **Credits: 1** *Please register for 1 credit only.*
- ◆ **ECOL592 004 "Colorado Wildfires 2020 "** (Dr. Cynthia Brown, Nate Teich) CRN: 10127, **Credits: 1** *Please register for 1 credit only.*
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- ◆ **ECOL 600 Community Ecology** (Dr. Melinda Smith) CRN: 13502, **Credits: 3**
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- ◆ **ECOL620 Applications in Landscape Ecology** (Dr. Kyle Horton) CRN: 17249, **Credits: 4**
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- ◆ **ECOL 693 001 Research Seminar - oral presentations**(Dr. Alan Knapp) CRN: 13142, **Credits: 1**
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- ◆ **ECOL 693 002 Research Seminar - proposal writing** (Dr. Saran Twombly [Hufbauer is instructor of record on the CSU system]) CRN: 21088, **Credits: 1**

All paperwork: Please email forms to Dawn at 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 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'd be happy to help highlight your research!

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

GRANTS & JOBS

Research Associate

Application due date: December 20

One Research Associate is needed to help coordinate and implement research, teaching, and engagement activities for an applied wildlife research laboratory in the Department of Fisheries and Wildlife at Michigan State University. The Research Associate will assist with advising and supporting graduate students, engaging undergraduate researchers in lab activities, producing scholarship in the form of publications and presentations in support of the lab, and coordinate field sampling logistics. Download announcement [here](#).

Postdoc Statistical Ecologist

Application due date: December 21

The postdoctoral fellow will work with Prof. Mevin Hooten at CSU and collaborators at the Bird Conservancy of the Rockies and Oregon State University to develop statistical models that integrate several data sources and improve our understanding of Lesser Prairie-Chicken populations. Download announcement [here](#).

Assistant Preserve Manager

Due date: January 1

The Assistant Preserve Manager (APM) performs and participates in preserve operations including the maintenance, management, development and coordination of conservation programs. The APM will work closely with Conservancy staff, partners, cooperating scientists, students, landowners and lessees. The APM will assist in preserve, maintenance and outreach activities including fence repair, windmill repair, tree removal, weed control, and prescribed fire burn crews. Apply [here](#).

Natural Recourse Economist

Application due date: January 1

The USGS Wetland and Aquatic Research Center seek a Natural Resource Economist for a Mendenhall Fellow

(4-year appointment) to collaborate with USGS scientists researching invasive species and other conservation and restoration issues. The Fellow's research would focus on the valuation of natural resources and ecosystem services impacted by invasive species and the cost and benefits of management actions. The research should combine natural resource economics, ecological modeling, and decision theory to support management decisions pertaining to the prevention, control, eradication, and monitoring and impacts of invasive species. Download Announcement [here](#).

Postdoctoral Fellow

Application due date: January 3

Colorado State University is seeking candidates for a postdoctoral position to develop models that integrate the population dynamics of fish species with bioenergetics and other trophic levels. The primary objectives for this post-doctoral position are to Assess the survival, growth and consumption of humpback chub, flannelmouth sucker, and rainbow trout at fixed sites in the Grand Canyon as a function of biotic and abiotic factors, develop an integrated model of rainbow trout movement in the Colorado River, as a function of environmental covariates including food availability, from capture, catch-per-unit-effort, and mark-recapture data, and develop a modeling framework for an integrated population and food web model that combines vertebrate population dynamics with dynamics at lower trophic levels. Download announcement [here](#).

Research Scientist

Application due date: January 15

Bird Conservancy is hiring a dynamic Research Scientist with a background in population and quantitative ecology. The scientist will be expected to develop a cutting-edge independent research program that leverages our diverse long-term data sets to inform conservation. Applicants are expected to have a strong background and skill set in quantitative ecology using Bayesian approaches. Experience with integrated population modeling, N-mixture models, multi-species occupancy, and data integration is highly desired. Learn more [here](#).

PhD Assistantship

Application due date: January 15

The University of Vermont, Rubenstein School of Environment and Natural Resources is seeking a Ph.D.-level graduate student to conduct research on community disease ecology in an amphibian system. While the general theme of the project is defined, the successful candidate will co-develop research questions based on their interests. Learn more [here](#).

[Submit Job Announcement](#)



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