



GDPE Weekly Digest



October 25th, 2021

Dear GDPE Community,

In a recent issue of the journal *Science* (Vol. 374, 21 OCT 2021) there is an essay written by Mingde Zheng entitled "I felt overloaded at work—until I learned how to say 'no' to colleagues". It's worth reading and might even be a good topic for a lab discussion. The upshot of the article is that we all want to be good colleagues and be successful as early career (or even late career!) scientists. And when our assistance or participation is requested by colleagues, saying yes can be a good thing. Indeed, GDPE in particular relies on students and faculty saying "yes" to the many opportunities afforded by our program. But, it's ok to say no as well. And as the essay points out, saying no more often (not all the time of course) can have many benefits professionally and personally. We all must find the balance between yes and no that fits us and our situation. But the essay ends by making a very important point: most of our colleagues will understand if we must say no. Being honest with yourself first - about what you do and don't have time for - and then with your colleagues is usually the best course of action. You can read the essay here: <https://www.science.org/content/article/i-felt-overloaded-work-until-i-learned-how-say-no-colleagues>.

Have a great rest of the fall semester.

Alan Knapp
Your GDPE Senior Ecologist

GDPE EVENTS & ANNOUNCEMENTS

A screenshot of a Zoom meeting interface. At the top, a title bar reads "Place-based education: How teachers are inspired by and affected by place". Below this, a small video thumbnail shows a woman, DeeDee Wright. Text next to her name says "DeeDee Wright, PhD Defense Seminar, Oct. 28, 10-45am - Gifford 113, Zoom link: https://zoom.us/j/96959259033". The main video area shows a split-screen view: on the left, a white tiger in a natural setting with text "Advisor: Meena Balgopal" and "Committee: Kevin Crooks, Kathleen Galvin, Laura Sample, McMeeking"; on the right, three people in a field looking at a laptop. Logos for "BIOLOGY COLORADO STATE UNIVERSITY" and "GRADUATE DEGREE PROGRAM IN ECOLOGY COLORADO STATE UNIVERSITY" are at the bottom. A timestamp "03/29/2017 01:33AM CAMERA" is in the bottom left corner.

PhD Defense Seminar
DeeDee Wright
Place-based education: How teachers are inspired by and affected by place
OCTOBER 28, 2021
10:45 AM
Gifford 113
Zoom [Link](https://zoom.us/j/96959259033)

PhD Defense Seminar

Ingrid Slette

*Impacts of Compound Precipitation Extremes on
Belowground Dynamics in a Mesic Grassland*

NOVEMBER 5, 2021

9:00 AM

Zoom [Link](#)



Impacts of Compound
Precipitation Extremes on
Belowground Dynamics in
a Mesic Grassland

Ingrid Slette
PhD Defense Seminar
November 5, 9am, Zoom
<https://zoom.us/j/83976204455>

Advisor: Alan Knapp
Committee: Melinda Smith,
Colleen Iversen, Rich Conant



ECOLOGY & CSU EVENTS

Graduate Student Showcase November 8-10

The GradShow is less than a month away on November 8-10. Graduate students representing all eight colleges and interdisciplinary programs will present their scholarship and creative artistry using a new virtual platform created for the GradShow. Learn more about the exciting work going on across campus, engage in professional development offered to the entire graduate community, and support your peers. **Virtually attend by creating a profile** even if you are not presenting this year. More information [here](#).

DEADLINES

Deadlines

Students intending to graduate Fall 2021

The GS24 Report of Final Examination Form (due first), GS30 Thesis/Dissertation Submission Form, and ETD submissions to ProQuest must be submitted before Friday Nov. 5 at 4:45 p.m. MT.

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](#).

COURSES

GDPE is seeking proposals for our ECOL592 seminar series for Spring 2022

Each semester GDPE offers several sections of ECOL 592. The interdisciplinary seminar course is intended to foster discussion and encourage students and faculty to explore current topics in ecology. ECOL 592 seminar courses are intended as special topics that may be broadly or narrowly conceived. Seminars are flexibly organized to address cutting edge issues in ecology. These are a great opportunity for faculty to share their expertise and address topics of interest with our broad GDPE student body. Submit proposals [here](#)

Upcoming Courses of Interest

Tools for Food-Energy-Water System Analysis (CIVE 527) for Spring 20 22.

9:00 - 10:50 am on Mondays and Wednesdays. The course includes lab time from 9:50 - 10:50. Course Description: This 3-credit hour course aims to equip students with tools to be used across disciplines that advance capacity to assess complex FEWS issues. Statistical analysis and data mining approaches are included to explore prevailing relationships amongst FEWS under varying conditions. Tools and approaches introduced include statistical analyses, life cycle assessment, triple bottom line analysis, and multi-criteria decision analysis. [Syllabus](#) More information [here](#).

Send us your photos!

Send us your photos from the field, or just photos of you taking some time to enjoy autumn!

[Submit Photos](#)

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

Post Doc: Plant-Microbe Interactions, Crop Productivity, and Resilience **Applications accepted beginning October 7**

The postdoc will work on a project funded by the Novo Nordisk Foundation to examine the role of the foliar microbiome in the wheat phenotype. The research addresses ecological and biological mechanisms underlying wheat-microbe interactions using a combination of field sampling and greenhouse experiments in the US and Europe. We are particularly interested in candidates with a strong 'omics background, good bioinformatics skills, and experience with basic culturing methods and plant experiments. This is a collaborative project and the postdoc will also work with Gina Brown-Guedira and Ross Sozzani at NCSU, as well as with collaborators in Denmark and the Netherlands, providing many opportunities for interactions and training. Apply here: <https://jobs.ncsu.edu/postings/150957>

Post Doc: Soil Microbial Ecology, Carbon Cycling, and Global Change **Applications accepted beginning October 13**

The postdoc will work on an NSF-funded project that addresses how soils from different climate histories respond to extreme drought by leveraging a global network of rainfall manipulations. The overarching goal of the project is to improve our understanding of soil respiration responses to moisture and their representation in carbon cycling models. We are particularly interested in candidates with experience in soil biogeochemistry and respiration measurements. This is a collaborative project with Sarah Evans at Michigan State University and Steve Allison at the University of California Irvine, and the successful candidate will have opportunities to interact with students and postdocs across all three labs. Apply here: <https://jobs.ncsu.edu/postings/151224>

2 year Teaching-Research Post-doctoral Associate Position in Wildlife Ecology **New Mexico State University**

Applications accepted beginning October 25

The Department of Fish, Wildlife and Conservation Ecology (FWCE) at New Mexico State University is seeking a Post-doctoral Teaching-Research Associate in the field of Wildlife Ecology. The department has immediate teaching needs for the Spring 2022 semester, and thus (pending final approval of funding), the expected start date is January 10 2022 (an earlier start date may be possible), with an expectation of two years of support for the position. More information [here](#).

Biologist (Science Education) National Park Service

Application Due Date: November 3 or 50 applicants

Develop and maintain knowledge of past and on-going research and science through a variety of communication types to internal and external audiences. Uses computer software such as adobe creative suite (Photoshop, InDesign, Illustrator, Premier Pro etc.) to design publications, brochures, posters, videos, and podcasts. Develop and maintain written and audio-visual content for the Continental Divide Research Learning Center and RMNP website using CMS (Content Management System). More information [here](#).

Support scientist position: Data Scientist for Disease Ecology Project

Open period for applications: 10/25/2021-11/4/2021

Data scientist or quantitative ecologist with knowledge of GIS and statistics to provide data analysis support for a collaborative project on optimizing control strategies of bovine tuberculosis at the deer-cattle interface. The position is located in Fort Collins, CO at the National Wildlife Research Center of USDA-APHIS- Wildlife Services. The position will involve frequent communication with applied scientists at USDA and Michigan State University as well as managers from the natural resource and agriculture state agencies in Michigan. GS9 position. Apply with cover letter, resume, and transcripts to: kim.m.pepin@usda.gov.

Assistant Professor Ecology - West Virginia University

Application Due Date: November 12

We seek an individual who uses empirical and advanced analytical techniques to link the physiology of trees and/or microbes with ecosystem processes and their subsequent responses to climate change across multiple levels of biological organization ranging from genes to ecosystems. More information [here](#).

Early Career Ecology Researcher - US Geological Survey

Application Due Date: November 12

The US Geological Survey (USGS) Fort Collins Science Center is seeking an early career researcher to assist with summarizing and synthesizing science to inform management of western lands. The candidate will be part of an existing collaboration between USGS scientists and Bureau of Land Management (BLM) resource managers that seeks to coproduce science and data products that inform public lands decision-making. More information [here](#).

Postdoctoral Position in Ecology at UNH

Application Due Date: November 16

The University of New Hampshire invites your application to the [Postdoctoral Diversity and Innovation Scholars](#) program. This 2 year postdoctoral appointment provides opportunities to hone your scholarship in preparation for the professoriate through mentoring, professional development, development funds, a minimum salary of \$50,000, and benefits. [This flyer](#) describes the range of professional development opportunities (e.g, research mentoring network, in-depth faculty development programs) and the opportunity to apply for a tenure track faculty opening. We have identified **12 postdoctoral openings** across five colleges. More information [here](#).

John J. and Katherine C. Ewel Postdoctoral Fellowship in Ecology and Environmental Science in the Tropics and Subtropics

Application Due Date: January 9, 2022

The John J. and Katherine C. Ewel Postdoctoral Fellowship Program in Ecology and Environmental Science in the Tropics and Subtropics will enable a recent doctoral recipient to study tropical or subtropical ecology and environmental sciences at the University of Florida (UF). The Fellow will conduct research for two years with a UF faculty member in any department, in any subdiscipline of ecology or environmental science. The fellowship is intended to advance science and enrich the scope and depth of research credentials of both the Fellow and the faculty mentor. A successful application will be based on a partnership between the applicant and the mentor that builds on the strengths of both. Evidence of joint development of the research proposal is key. More information [here](#).

Lab Manager Position in Soil Ecology at the University of Minnesota and Cedar Creek

Application Due Date: Open until filled

We are seeking a lab manager to jointly manage the labs of Professors Peter Kennedy and Sarah Hobbie, and to help coordinate and carry out several related collaborative projects examining fungal effects on soil carbon dynamics as well as the abiotic and biotic factors determining fungal distributions both above- and belowground. More information [here](#).

Post-Doctoral Positions in Mangroves Modeling

Application Due Date: Open until filled

The modeling group at IPSL ("Institut Pierre et Simon Laplace", www.ipsl.fr/) invites applications for a 30 months fixed-term post-doctoral position in land surface and ocean modeling, with a focus on mangrove ecosystems. The applicant should have an interest in interdisciplinary research and in blue carbon. More information [here](#).

Submit Job Announcement



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

