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-to-colleagues](https://www.science.org/content/article/i-felt-overloaded-work-until-i-learned-how-say-no-to-colleagues).

Have a great rest of the fall semester.

Alan Knapp
Your GDPE Senior Ecologist

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**GDPE EVENTS & ANNOUNCEMENTS**

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**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](#)
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

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
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.
Plan Ahead! Fall 2022  
ESS 575 - Models for Ecological Data - Dr. Tom Hobbs, Professor Emeritus  
Lecture: TR 9:30-10:45 Lab: W 1-2:50 Gaining insight about the operation of ecological processes using models and data.

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 Communicator) 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.

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 filed
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.
GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY