Dear GDPE Community:

This semester is certainly roaring by! As we roll into week 8 of the semester (the midpoint!), it can be a good time to carve out some time to reflect on the goals we set for ourselves and take stock of where we are. It's not just about "what did I accomplish." Think about what you need in your life to maintain your motivation to reach your goals. The weather's getting nicer (kinda). Maybe scheduling a once-a-week "walk-then-write" session would help. Regardless, I wish you all a restful break next week - make sure to find some time to focus on what makes you happy. :)

Here are a couple other things of note coming up:

**Our DE Seminar series on "Climate Change: Emerging Issues Across Scale" will continue the week after we return from break.**

- Dr. Andrea Grover (Univ. Nebraska - Omaha) will be speaking on:
  - Wed., March 23, "Cultivating Climate Resilience with Citizen Science"
- Please navigate to the [GDPE DE webpage](#) for more details, including links to live-streaming on YouTube.

**We love hearing about the success of our alumni!**

Frances Chavez ('20 PhD with Mendy Smith) has had her paper, "Resources do not limit compensatory response of a tallgrass prairie plant community to the loss of a dominant species" added to the shortlist for the Journal of Ecology's 2021 Harper Prize for Early Career Researchers! We wish Francis luck both with the award and with her new postdoc position at SDSU! Congrats!!!

**We also love celebrating our current students!**

Help us do so by nominating or submitting an application for the NEW GDPE GRADUATE STUDENT AWARDS!! These are due next week (March 14). Please navigate to the [GDPE webpage](#) for submission details

Have a great week-before-spring-break!
Jennifer

---

**GDPE EVENTS & ANNOUNCEMENTS**
March 9th, 2022
Don't forget to register for our upcoming career panel focused on non-profit and non-governmental career options. Our panelists are all CSU alumni working in organizations here in Fort Collins! There will also be an opportunity to have dinner with the panelists afterwards at Restaurant 415, supported by our wonderful GDPE program (alcoholic drinks not included). You do not need to attend the panel to attend the dinner!

Please contact Elizabeth Diaz-Clark at eddc@colostate.edu with any questions. I hope to see you all there!

2022 Call for Applications or Nominations
Due March 14th, 2022
The Graduate Degree Program in Ecology is offering four merit-based awards to current graduate students. Please see below for a description of each award category. GDPE students are encouraged to apply directly for these awards. Students or faculty members may also nominate students. Applications and nominations will be evaluated equally. Students may apply for more than one award, but to be competitive, tailor the applications/nominations to each call. All graduate students enrolled in the GDPE program at the time of application/nomination are eligible and awards will be given for activities occurring during the last two years. Awardees will be selected by an ad hoc subset of the GDPE Executive Committee with formal recognition and awards presented at the Spring GDPE Meeting. Awardees will receive a plaque recognizing their accomplishments and $500. Application packets should be emailed to ecology@colostate.edu. Please compile the materials into a single pdf, and use a file name of: Award_Lastname (e.g. ExcellenceInMentoring_Carson). Please include this Cover Sheet with all applications. Web page link

Defense Announcements

MS Defense Seminar
Jonathan H. Bertram
Effect of drought stress on early white pine blister rust infection in limber pine
March 7, 2022
1:00 PM MT
Plant Science E005
Zoom Link

PhD Defense Seminar
Andreas Wion
Seeing the forest for the seeds: Mast seeding and mortality in piñon and ponderosa pine ecosystems of the Rocky Mountains and Colorado Plateau
March 8, 2022
PhD Exit Seminar
Dani Lin Hunter
The need for intentional communication and design in environmental citizen science
March 8, 2022
1:00 PM MT
Clark 146
Zoom Link

ECOLOGY & CSU EVENTS

Innovation Platform CSU Demo Day
Abstracts Submissions Due March 9
Celebrate innovation and entrepreneurship at CSU Demo Day! A premiere event that inspires and enriches the entrepreneurial community of CSU and Northern Colorado. Faculty, staff, and students, as well as alumni, business professionals, and entrepreneurs have the opportunity to engage with researchers and local emerging companies in and around our community. More information here.

Climate Adaptation Partnership Graduate Student Group
The Climate Adaptation Partnership (CAP) is starting a graduate student climate adaption-focused reading group, and our first meeting is next Tuesday 2/22 at 3:30 pm. We will be meeting in the Warner College of Natural Resources Treehouse (WCNR Room 413) on February 22nd, March 29th, and April 19th during the Spring 2022 semester to discuss interdisciplinary climate adaptation-based articles. If you are interested in joining, fill out this Google Form. Please sign up by Monday 2/21 at 12:00 PM and we will email you the readings for Tuesday. We are also hoping to create community and collaboration between graduate students. All graduate students interested in climate adaptation are encouraged to join. Please reach out to Hailey Doucette if you have any questions: hailey.doucette@colostate.edu.

DEADLINES

GDPE Deadlines
**Other Deadlines**
The deadline for your thesis/dissertation to be submitted in ProQuest and all required paperwork turned in for Spring 2022 graduation is April 8 by 4:45 p.m. MT. Please note, your GS24 Report of Final Examination must be approved by the Graduate School before your thesis can be reviewed. The thesis/dissertation format must have final Graduate School approval in ProQuest by April 15 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**

**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.

**WR 574 - Advanced Snow Hydrology** - Professor Steven R. Fassnacht  
**Lecture: TR 9:30-10:45 Recitation: T 12:30-2:00**  
In-depth study of snowpack processes and modeling, time series data analysis, and discussion of the literature.

---

**Send us your 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, Andreas Wion and Sarah Carroll 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**

**Southeastern Bat Hub Coordinator, Clemson, SC**  
**Application Due Date: March 9**  
The Southeastern (SE) Bat Hub includes the land areas of Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, and Tennessee. The objectives of the SE Bat Hub are to coordinate existing partners and bring in new partners to: (1) increase efficiencies of standardized bat population monitoring data collection and maximize data collection and timely data delivery for NABat priority cells; (2) establish a central data management and processing center for the southeast region; (3) ensure consistent manual vetting of acoustic bat calls across the Southeast region; (4) ensure
Two tenure-track positions available at INSTAAR
Application Due Date: March 11
The Institute of Arctic and Alpine Research (INSTAAR) at the University of Colorado Boulder (CU-B) is seeking two new colleagues to deepen our commitment to Earth system science through two tenure track positions. Both positions are advertised at the Assistant Professor level. The first position seeks applicants who focus on contemporary carbon cycling, ideally to enhance existing collaborations between CU-B and NOAA’s Global Monitoring Lab. The second position seeks applicants with a focus on aquatic ecology and/or aquatic biogeochemistry who can potentially contribute to research programs such as the Niwot Ridge Long-term Ecological Research site, Western Water Assessment, and others. More information

Assistant Professorship in Contemporary Carbon Cycling
Assistant Professorship in Aquatic Ecology/Aquatic Biogeochemistry

Conservation Science Field Technician Santa Lucia Conservancy
Application Due Date: March 14
Under the direction of the Conservation Ecologist, the Conservation Science Technician will assist with monitoring and research activities in support of the Santa Lucia Conservancy’s Conservation Science Program. The primary focus of this position will be to conduct vegetation surveys across the Santa Lucia Preserve to locate, map, and assess the status and condition of coast buckwheat (Eriogonum parvifolium). During flight season of the endangered Smith’s Blue Butterfly (June – August), the Conservation Science Technician will also be responsible for carrying out transect surveys to assess the species’ status and abundance on sites located across the Preserve. Occasionally, the role will provide support for other ecological research and monitoring activities, including but not limited to wildlife surveys for tricolored blackbirds, California tiger salamanders, California red-legged frogs, nesting raptors and grassland birds. More information here.

Swiss Federal Institute for Forest, Snow and Landscape Research WSL
Application Due Date: March 15
The Swiss Federal Institute for Forest, Snow and Landscape Research WSL is part of the ETH Domain. Approximately 600 people work on the sustainable use and protection of the environment and on the handling of natural hazards. The Research Unit Community Ecology is interested in how above- and belowground ecosystem patterns and processes influence communities and their dynamics. By October 2022, the Research Group Plant-Animal Interactions is offering a tenure-track position as Soil food web ecologist 80-100% (f/m/d) More information here.

Assistant Professor of Cooperative Extension in Invasive Weed and Restoration Ecology
Application Due Date: April 30
The Department of Plant Sciences at the University of California, Davis, seeks an Assistant Professor of Cooperative Extension in Invasive Weed and Restoration Ecology. Faculty in the Department are engaged in developing and disseminating comprehensive basic and applied knowledge regarding all aspects of plant sciences related to managed and natural ecosystems. This position fills a key gap in research and Extension leadership in weed management and ecological restoration in rangelands, wildlands and natural areas. More information here.

Quantitative post-doc opportunity in Seattle NRC / NOAA Northwest Fishery Science Center
Application Due Date: May 1
We seek a highly motivated researcher to develop and implement a collaborative, interdisciplinary project on Pacific Hake in the California Current. Forward-looking management solutions are needed as climate change threatens to increase conflicts over natural resources. More information here.

Data Management Internship - National Park Service
Anticipated Start Date: April - May 2022
The Center for Environmental Management of Military Lands (CEMML) at CSU is seeking students to work with the National Park Service (NPS), Inventory and Monitoring Division, Rocky Mountain Network (ROMN) as either an Undergraduate Student Intern or Graduate Student Assistant. More information here.

Research Associates I, II, III, IV and Senior - Open Pool
Application Due Date: June 30
The Department of Biology seeks applications from individuals who are interested in obtaining temporary or special research positions within the department in the areas of cell and molecular biology, physiology of plants or animals, animal behavior, ecology, evolutionary biology and computational/theoretical biology. Detailed descriptions of the research programs of the individual faculty are available on the department web page:
NASA Student Internship in Biodiversity & Ecological Forecasting
Application Due Date: July 15
This position will examine strategies for advancing the biological diversity and ecological forecasting programs within NASA’s Earth Science Division. Interns will advance the use of remote sensing for detecting, understanding, and forecasting patterns of life on Earth. His position will examine linkages and synergistic relationships between these programs and other activities within and outside of NASA. Applicants with a background in conservation biology, ecology, evolution, computer programming, statistics, or communications/journalism are sought. Interns will advance outward communication of program activities, build program infrastructure, develop and implement evaluation metrics for science projects, and support science review. The mentor will develop projects specific to the intern’s background and interests on these themes. More information here.

Quantitative Ecology Postdoctoral Researcher Michigan State University
Application Due Date: Open until filled
The Zipkin Quantitative Ecology Lab at Michigan State University seeks a postdoctoral scholar to work with The Forest Functional Ecology Lab at University of Michigan on an NSF funded project “Consistencies and contingencies of functional responses to environmental changes in tropical forests” to identify the functional mechanisms of how droughts affect tree communities in the tropics. More information here.

Geospatial Modeling ARS Postdoctoral Fellow USDA-ARS Water Management and Systems Research Unit
Application Due Date: Open until filled
The USDA-Agricultural Research Service, Water Management and Systems Research Unit in Fort Collins, CO has one Geospatial Modeling Postdoctoral Fellowship available immediately. More information here.

Post-doctoral Associates: Institute of Global Change Biology (University of Michigan)
Application Due Date: Open until filled
We seek three highly motivated and collaborative postdocs to work on terrestrial global change biology research at the Institute of Global Change Biology (IGCB) at the University of Michigan. The postdocs will be supervised by Peter Reich (Director of the IGCB). The postdoctoral scholars will work on questions involving the function and diversity of terrestrial ecosystems under global change, with considerable flexibility about the specific focus of the research, which will be determined jointly by each postdoc, the supervisor and other potential collaborators. More information here.