Hello GDPE Fam,

I hope you all had a fabulous break and were able to enjoy the beautiful weather this week! We’d love to see how you spent your break, whether working or relaxing, so share some pictures with us on Twitter @CSU_Ecology.

As we start the second half of the semester, please make sure to keep an eye on the GDPE Event Calendar for all the exciting events we have planned.

Highlighting GDPE Alumni
Taryn Contento, has just started a new position as the River Project Manager with Wildlands Restoration Volunteers here in Fort Collins! Yay, Taryn! We wish you the best of luck in this next chapter.

As always, we would love to hear all about your accomplishments and any exciting news! You can email me us at ecology@colostate.edu or tag us on Twitter.

I’ll see you around!

Elizabeth Diaz-Clark

Pathways to Science

Our latest Distinguished Ecologist Seminar will be this Wednesday and Thursday March 23rd and 24th, with Dr. Andrea Grover. Before coming to her talks make sure to check out our latest Pathways to Science Video where you can learn all about how she came to be a leader in the Citizen Science field.

GDPE EVENTS & ANNOUNCEMENTS

"Climate Change: Emerging Issues Across Scale" Seminar Series with Dr. Andrea Grover (Univ. Nebraska - Omaha):

- Wednesday, March 23, "Cultivating Climate Resilience with Citizen Science"
- Thursday, March 24, "The Secret Life of Observational Data: Searching for Signs of Citizen
Science Volunteer Skills

- Please navigate to the GDPE DE webpage for more details, including links to the YouTube livestream.

Please make sure to congratulate your fellow GDPE students who have been awarded a Travel Grant to attend their conferences in the summer and spring of 2022. Not only will they be able to participate and share their research, but they will also be representing our great program as a GDPE Student Representative. Congrats!

Defense Announcements

PhD Thesis Defense
Leena Vilonen
**Drought impacts on the microbiome in grasslands across the great plains: A Story of Legacy Effects, Resistance, and Resilience**

April 8, 2022
11:00 AM MT
Yates 208L

**Zoom Link**

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**ECOLOGY & CSU EVENTS**

**Venture RAMS Business Showcase Competition**
This is a great opportunity for students to experience entrepreneurship in action, network with local business founders and investors, boost their resume, and potentially win cash prizes! We would like to invite all applicants, interested students, and faculty to join us for networking and the Venture RAMS Pitch Competition and CSU Demo Days Awards Ceremony on Wednesday, April 20th at the Translational Medical Institute from 4:00PM – 6:30PM. More than $10,000 in cash prizes will be awarded to student entrepreneurs, innovators, and creators. This year we are combining forces with CSURF to host the CSU Demo Days Awards Ceremony at the Business Showcase. Finalists in the CSU Demo Days will be showcasing their research and innovations during our networking hour. Additionally, all students applying to pitch in the business showcase will automatically be entered into the running to win the CSU Demo Days $1,500 Game Changer Award, which will be presented during the showcase. This means you do not need to be a pitch finalist in order to win the Game Changer Award. More information [here](#). RSVP [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](mailto:hailey.doucette@colostate.edu).

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**DEADLINES**

**GDPE Deadlines**
*None at this time*

**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.

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**COURSES**

**Plan Ahead Fall 2022**

**ECOL 592 Interdisciplinary Seminars**

*Please note: Students are welcome to take multiple 592s in a semester.*

- **ECOL592 001** "Understanding the "Insect Apocalypse": Global insect declines and recovery strategies" *(Drs. John M. Mola and Ruth Hufbauer)* CRN:65074  **Credits: 1**  Please register for 1 credit only.

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**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.

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**Send us your photos!**

[Submit Photos]

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**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!

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**General Student Resources**

**COVID Resources for Grad Students**

**CSU COVID Recovery Resources**

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**GRANTS & JOBS**

**Fisheries Data Analyst**

**Application Due Date: February 28**

Saipan, Commonwealth of the Northern Mariana Islands (CNMI). The incumbent will work in the Division of Fish & Wildlife (DFW) Data Section to perform data analyses and interpretation of fisheries and ecological data to inform management in the development of fisheries management plans, decision making, reports, and presentations that may be used to support marine fisheries management in the CNMI. 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: http://www.biology.colostate.edu/people/jobs.colostate.edu More information here.

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.
GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY