



July 7, 2022

Dear GDPE community members,

I hope you had a lovely long weekend full of rest or adventure or both. As I pondered our country over Independence Day and thought about which rights are being taken away, and which are being guarded I felt overwhelmed. If you're feeling similarly, know that you're not alone! If I can be of help, even if you just want to talk, please reach out. Now more than ever we need to stand together to protect democracy and each other. I encourage us all to be kind to ourselves, support each other, and go out and do good science!!

Some highlights below include a few new job postings - with one working as a lab tech in the same lab where recent GDPE student Emily Stuchiner is a postdoc. We also have dates for orientation and the fall picnic. I'm so looking forward to meeting the incoming students and to seeing the whole lot of you.

Ruth, GDPE Director



GDPE EVENTS & ANNOUNCEMENTS

New Student Orientation: August 17th, 8:30-1:30, Lory Student Center Room 304

Fall Picnic: September 8th, Spring Canyon Park

[GDPE Event Calendar](#)

Let us feature your field or lab work this Spring or Summer!

Our GDPE Sci Comm Fellow, Elizabeth Diaz-Clark, is creating a video series to showcase the great work that our graduate students are doing. If you are interested in participating, please fill out the form [here](#).

COURSES

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.*

◆ **ECOL592 002** "Equity and Justice in Conservation Practice": (Dr. Sara Bombaci, Erin Weingarten, Tamara Layden) CRN:65075 **Credits: 1** *Please register for 1 credit only.*

◆ **ECOL592 003** "Developing and testing compelling research questions ". (Dr. Alison E. King) CRN:65079 **Credits: 1** *Please register for 1 credit only.*

Keep checking back for new ECOL 592s

NR 510 - Ecosystem Services Theory and Practice - Associate Professor Kelly Jones (HDNR)

Lecture: M 1-3:30: Lecture and discussion based class focusing on an interdisciplinary understanding of the ecosystem services framework and payments for ecosystem services programs.

ESS 575 - Models for Ecological Data - Dr. Tom Hobbs, Professor Emeritus

Lecture: Tu/Th 8-9:15 AM, Lab – Wed 8-9:50 AM

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.

ANTH 674 - Research Design and Analysis in Anthropology - Dr. Andrew Du

Lecture: M 2-4:30pm Lab: W 2-3:40pm

Learn how to formulate research questions, design a research project, organize and analyze data, and visualize and interpret results.

Submit Photos

We want your photos! What are you up to, how is your field and lab work? Share them with us here.

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, [Mel Morado](#) and [Erin Weingarten](#) 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!

GRANTS & JOBS

Lab Technician

From former GDPE student Emily Stuchiner: The project that I am working on as a postdoc in

Wendy Yang's lab at the University of Illinois Urbana-Champaign is becoming pretty desperate for a full-time technician, as our current technician is only part-time and is slated to move away in early August. We are hoping to find a replacement with ideally some biogeochemistry experience (but not necessary), and given that our project involves extensive fieldwork troubleshooting various Licor gas sensors and gas flux auto chambers, it would be especially ideal if this person has experience with instrumentation and doing fieldwork as well.

[Here are the details!](#)

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. This 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](#).

Postdoc

The Department of Atmospheric Sciences at the University of Utah has a Postdoctoral Scholar position available to join our research team focused on understanding the carbon cycle of mountainous regions of the Western U.S., as part of a NASA-funded Carbon Monitoring System project. The research team includes researchers from the School of Biological Sciences at the University of Utah, Caltech, the National Center for Atmospheric Research, and the NASA Jet Propulsion Laboratory. Key research tools include satellite-observed solar-induced fluorescence (SIF), the Community Land Model (CLM), and the Data Assimilation Research Testbed (DART). There will be opportunities to work with students and scientists across multiple universities and research institutions, as well as opportunities to engage stakeholders about the scientific results. More information [here](#).

[Submit Job Announcement](#)



**GRADUATE DEGREE
PROGRAM IN ECOLOGY**
COLORADO STATE UNIVERSITY

