



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

GDPE Weekly Digest

July 13, 2020

GDPE EVENTS

Congratulations to GDPE Summer Graduates!

Bethany Avera, Ph.D. (advisor, M. Francesca Cotrufo) "Forest Soil C and N responses to salvage logging and below ground C inputs in bark beetle infested stands"

Marcel Kate Jardeleza, M.S. (advisor: Ruth Hufbauer) "The role of phenotypic plasticity in morphology and performance of an invasive species in a novel habitat"

Jillian LaRoe, M.S. (advisor: Jody Vogeler) "*Characterizing Distributions and Drivers of Emergent Aquatic Vegetation in Minnesota*"

Arianna Punzalan, M.S. (advisor Randall Boone) "*Predicting Condor Range Expansion in California to Reduce Development Threats*"

Francis Chaves Rodriguez, Ph.D. (advisor, Melinda Smith) "Constraints in the compensatory response of a tallgrass prairie plant community to the loss of a dominant species"

Ghulam Samad, Ph.D. (advisor, Gregory Graff) "Patents, Knowledge Creation, and Spillovers in Genetics for Agriculture and Natural Resources"

Anthony Vorster, Ph.D. (advisor, Paul Evangelista) "Characterizing forest biomass and the impacts of bark beetles and forest management in the Southern Rocky Mountains"

From your new director

Dear GDPE Community,

I'm excited to have started in as director of this great program. One of the first things that I'd like to accomplish is to develop a clear plan for supporting and increasing diversity, equity and inclusion in our program.

I'll be reaching out to ask for a few volunteers to draft the GDPE diversity, equity and inclusion plan, to guide anti-racist development of our program.

In the meanwhile, the RMAIS training program started by Colleen Webb, Meena Balgopal and Jennifer Neuwald provides rich modules that address diversity, equity, and inclusion, and we on the Admin Team strongly encourage you all to explore and use the materials available on the website (<https://rmais.colostate.edu/>).

Finally - Congratulations to the seven summer graduates! You all managed admirably defending virtually.

Best,

~ Ruth Hufbauer, Your GDPE Director

Send us your photos! Now more than ever, it's important for us to keep in touch. Send us your photos of your WFM desk, from the field, or just photos of you relaxing and enjoying summer!

[Submit Photos](#)



For more ecology and other CSU events, please see [Ecology & CSU events section](#).

POSTPONED: Information on Spring 2020 DE speakers [here](#).

Previous GDPE Digests are now available on our website! Click on the link to access [GDPE Digest Archives](#)

Don't forget to check out our Resources and Grant/Jobs sections down below for information on other resources and opportunities!

DEADLINES

GDPE Deadlines

none currently

Other Deadlines

For summer graduates, your the formatting of your thesis or dissertation must be approved by the Graduate School approval in ProQuest by July 17 at 4:30 pm.

Find all of the deadline details on the CSU Graduate School's website [here](#).

General Registration Deadlines

Find all of the registration deadline details on the CSU Registrar's website [here](#).

[Obtaining Signatures](#)

[Degree Deadlines](#)

[Student Forms](#)

[GDPE Grad Student Survey](#)

GDPE

GDPE Course Information

◆ **ECOL592 (Interdisciplinary Seminars)** New sections have been added for Fall 2020!

Important Note: *Please register for the correct number of credits indicated for each course.*

◆ **"Ecological Impacts of Extreme Climatic Events "** (Dr. Melinda Smith) Section 001, CRN, 69100 **Credits: 1**

◆ **"The Science of Ecosystem Measurement"** (Dr. Claudia Boot, Katie Rocci) Section 002, CRN, 60075 **Credits: 1**

◆ **"Sagan Lecture Seminar: Compton J. Tucker's view of life on Earth "** (Dr. Dennis Ojima) Section 003, CRN, 60079 **Credits: 1**

Proposals for ECOL592 seminars for Fall 2020 can be submitted on-line [here](#).

Upcoming Courses of Interest

◆ **PPA 540 Toolkit for International Policy Practitioners** The course will first be offered online in SU20 and then both face-to-face and online thereafter. This course is taught through CSU On-Line and is charged accordingly. More info [here](#)

◆ **BZ 670 Teaching Scientific Reasoning and Argumentation** In this course, we will explore the philosophy of science, science communication, and science pedagogy, especially as it relates to reasoning, argumentation, and logic. More info [here](#)



◆**NRRT 680A2 Seminar in Cultural and Political Ecology** This course is an advanced seminar of Cultural and Political Ecology (CAPE). Political ecology is a field of research that focuses on (un)equal control of, and access to, natural resources based upon gender, race, social status, class, religion, etc. More info [here](#)

Wildlife Disease Science for Application to Risk Assessment and Control Seminar

GDPE Teaching Fellows Program

All paperwork: We are currently working remotely, 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 **new** 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 look forward to seeing you on Twitter throughout the semester!

Submitting Announcements

Student Success: Let us know if you've gotten a paper accepted, won an award, or received a grant by emailing our Science Communication Fellow, [Arianna Punzalan](#).

Information for Digest: Please submit details [here](#) for consideration. If you have questions about this, please contact our Program Coordinator, Dawn Koschnitzki.

Submit Photos



Soil biology research can help create a more sustainable ...

Soil biodiversity is important for sustaining people's well-being, life and diversity of life.

[Read more](#)
source.colostate.edu

ECOLOGY & CSU EVENTS

Congratulations!

Upcoming Events:

Online Seminar for Society for Ecological Restoration Student Club

Dani Lin Hunter is a recipient of the Graduate Student Council Professional Development Award. Way to go Dani!



GRAD Virtual Hour with the Associate Dean— the graduate community is invited to join the sessions Mondays from 2 p.m. – 3 p.m. Find instructions to get started at graduateschool.colostate.edu/virtualhour/

7/12-7/18 Alpine Plant Ecology - International Summer School. Jointly organized the University of Basel and ALPFOR [Info Flyer](#)

RESOURCES

R-user group: Wednesdays 3-5 pm NR 256 [Sign up](#) for updates or to contact the group. [Questions](#).

Dissertation Feedback Group: Acquire low stake regular feedback from peer readers.

Coming Out, Being Out, and Questioning Support Group. Email [Jessie Charbonneau](#) for details.

CSU Writes: Show up & write. Drop-in writing sessions provide faculty and graduate students a designated time and place to "show up & write."

CSU Health Network Therapy: CSUHN has individual and group counseling as well as workshops and are available for students for free.

Data and Donuts - Data Management Made Tasty: Good data management practices are becoming increasingly important in the digital age. Learn how you can improve your data management.

Coding and Cookies - Everything is better with cookies. Especially data: Sessions are focused on coding in R.

CSU Writing Center

Every year the CSU Writing Center works with hundreds of graduate students from across the curriculum. Many of those graduate students have requested that we offer longer consultations for work on dissertations, theses, and professional writing projects. We're happy to announce that hour-long consultations are now available. Whether you're developing a literature review, working to understand reviewers' comments, or trying to master a new genre of writing, we can help. Just make an **Hour-Long Appointment Request**. Questions? Contact us at

Geospatial Graduate Students Club: Anyone interested in geospatial applications is welcome. Click [here](#) to learn more!

Society for Ecological Restoration- Rocky Mountains Chapter (SER-RM)
Visit [website](#). Follow [Facebook page](#) or [Twitter](#). [Graduate Researchers Across](#)

Microbiomes (GRAM): Would like to invite any graduate students or post-docs with involvement or interest in microbiome research to join our student organization. We will be meeting monthly this fall on the third Tuesday of every month at the Marmot.

NREL's EcoAcademy offers opportunities for students, scientists, environmental professionals, and K-12 teachers to learn from our over 50 years experience as a leader in the field of ecosystem science. From these classes, participants will learn cutting edge techniques from faculty and researchers that have been cited over 74,000 times since 2014. These non-credit courses can provide you with skills and hands on experience to take your research to next level science.



GRANTS / JOBS

[CSU Extension: Summer Help Needed](#)

Application due date: Ongoing

It is the time of year when CSU Extension is recruiting educators (and supervisors) for ENOR summer day camp and for AmeriCorps STEM programs for disadvantaged youth. [STEM AmeriCorps, ENOR Educator, ENOR Supervisor](#)

[Quantitative Fishery Position](#)

Application due date: Until filled

Michigan State University has immediate openings in the Quantitative Fisheries Center for PhD students and can accommodate those interested in starting summer or fall 2020. Successful applicant will have background/aptitude/interest in population dynamics, mathematical modeling of fish populations and communities, statistics and application of modeling results to fisheries management, and / or decision making for natural resources management. Learn more [here](#).

[Postdoctoral Researcher](#)

Application due date: Until filled

The postdoctoral researcher will be involved in the framework of the CAPACITY (Climate and Plant hydraulics controls on drought prediction uncertainty in a new-generation Terrestrial system model) project funded by the Luxembourg National Research Fund (FNR). The project will tackle the challenges of investigating the controls of plant hydraulic traits on the drought predictive uncertainties across different ecosystems, regions, and the entire European continent under past and future climatic conditions. More information [here](#).

[Postdoc Position](#)

Application Review Begins: July

You will assess how well the ecological infrastructure constructed by the Swiss canton Aargau serves its intended purpose of amphibian conservation by focusing on colonization of new ponds by amphibian species and relate colonization success to characteristics of the ponds and the surrounding landscape. You will further focus on time lags in a species' response to conservation actions (immigration credit).

[EpiX Analytics](#)

Application due date July 21

Two Positions in Fort Collins - Quantitative Modeling. .Consultant and Scientist. Learn more [here](#)

[Postdoc Position](#)

Application Due Date: July 27

The Turner Lab is recruiting a post-doctoral associate to lead an exciting project leveraging information maintained by state agencies to evaluate impacts of Chronic Wasting Disease (CWD) management activities on white-tailed deer population and disease dynamics.

[Postdoctoral Research Scholar](#)

Application due date: July 31

Applications are invited for a full-time postdoctoral research scholar appointment to be held at the Department of Fisheries and Wildlife, Oregon State University. Primary research focus is to use existing long-term monitoring data to estimate the abundance, distribution, and dynamics of estuarine and riverine fish populations and develop decision-support tools to aid in restoration and recovery planning.

COVID-19 Info and Resources

These online resources have been sent out in other Graduate School correspondence and can be found on the [Graduate Student Council webpage](#). We hope that by copying them here for you that you become aware of these resources and share them with other colleagues and students.

[Graduate School COVID-19 webpage](#) – updates to Covid-19 exceptions to policies and deadlines for graduate students

[Graduate School Virtual Office Hours](#) – faculty, students, and program coordinators can get their questions answered by virtual chat on Mondays 2-3 and Thursdays 8-9

[Virtual Mentor Monday](#)

[Support for GTAs Survey](#)

[CSU Mental Health info on anxiety around COVID-19](#)

[Silvercloud](#) – online support for students, postdocs, faculty seeking help with depression, anxiety, stress, resilience, or sleep

[Rams Against Hunger](#) – Food Insecurity

[You @ CSU](#) – online support for students, postdocs, faculty to help them maintain productivity, succeed, thrive, and matter. It has goal setting and support

[Grad School Event Calendar](#) – check here for future, virtual professional development opportunities

[Virtual CSU Writes](#)

options as well as useful articles on issues like procrastination that may be exacerbated by COVID-19.

[CSU Safety: COVID-19 Information](#) - University wide updates and protocol regarding COVID-19



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