



GRADUATE DEGREE  
PROGRAM IN ECOLOGY  
COLORADO STATE UNIVERSITY

# GDPE Weekly Digest

April 13th, 2020

## COVID-19 Info and Resources

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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](#)

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

[Virtual CSU Writes](#)

[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 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

## From your GDPE Admin Team

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Dear GDPE Community,

Given our “shelter-in-place” present, looking ahead can be a good thing. For GDPE students looking for GTA support this Fall 2020, we recently opened applications for 4 opportunities.

GDPE has available two Graduate Teaching Assistantships in LIFE 102 or 103. The course assignment will depend on the background and qualifications of the candidate, as well as where help is needed most. Qualifications include demonstrated financial need, successful progress toward a MS or PhD degree, and ability to teach undergraduate core Life Science labs in the Biology Department.

With funds from the Provost’s office, we are also pleased to announce the GDPE Teaching Fellows Program. This program provides opportunities for more senior GDPE students to gain meaningful graduate-level teaching experience in advanced ecology courses.

We are currently soliciting applicants for the FALL 2020 semester for two courses: ECOL 505, Foundations of Ecology, instructed by Dr. Alan Knapp, and ECOL 610, Ecosystem Ecology, instructed by Dr. Joe von Fischer.

For more details see the GDPE emails sent out April 9, 2020 and stay tuned to this digest!

~ Your GDPE Admin Team

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

## GDPE EVENTS

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*For more ecology and other CSU events, please see Ecology & CSU events section.*

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

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



## DEADLINES

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### GDPE Deadlines

*Please be aware that many professional meetings/workshops are being cancelled. Check with the appropriate society to confirm the current status of the meeting.*

### Other Deadlines

#### **Friday, May 15:**

GS25B "Departmental Requirements Clearance" due to the Graduate School

*Reminder: Per your GS25, the Department Requirement you need to submit to GDPE is: Complete exit interview ([here](#))*

*Please coordinate with our Program Coordinator, Dawn Koschnitzki, to get your GS25b signed and submitted.*

*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

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### GDPE Course Information

[Fall 2020 course info will be posted later this semester]

**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. More info [here](#)

### GDPE Teaching Fellows Program

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**All paperwork:** Please drop all paperwork at the GDPE office (Johnson Hall 102), and Dawn will 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 ExComm Student Representatives, [Shelby McClelland](#) and [Erika Peirce](#) 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!

**The GDPE Conference Room - Johnson Hall 132** is available for meetings. Please contact Dawn Koschnitzki if you would like to reserve this

space [Conference Room Request Form](#)

### **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**

## **ECOLOGY & CSU EVENTS**

### **UPCOMING:**

#### **Upcoming Defense Seminars:**



**Getting below the surface:  
Considering belowground dynamics  
for improved restoration of arid  
ecosystems**

Magda Garbowski  
PhD Defense Seminar  
**April 22, 2020 1:00 PM**  
via Zoom:  
[https://zoom.us/j/362271411?  
pwd=bfBkNWZkOHhsQzdoeHhRSGluY1ZaZG99](https://zoom.us/j/362271411?pwd=bfBkNWZkOHhsQzdoeHhRSGluY1ZaZG99)

Advisor: Cini Brown  
Co-advisor: Danielle Johnston  
Committee: Troy Ocheltree, Daniel Laughlin



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#### **Survey for Graduate Students**

ERHS 332, Group 5: Stress in Graduate Students  
We are in an undergraduate epidemiology class and conducting a survey to analyze how stress and alcohol use are related in students pursuing graduate degrees (Master's or PhD). It should only take between 2-5 minutes to complete.

This questionnaire was developed for a class project in ERHS 332 Principles of Epidemiology. This project is for educational purposes only, and the results will not be published. Your participation in this project is completely voluntary. Your responses are anonymous and will be kept confidential. We will not attempt to identify you or re-contact you in the future regarding this [questionnaire](#). Please complete by April 14th 11:59 pm

### **Upcoming Events:**

#### **Federal and State Perspectives on Invasive Species Science, Management and Policy**

Will feature a talk by Ben Beard with the Center for Disease Control, on Emerging and Exotic Vectors and Vector-Borne Diseases in the U.S. **April 21st 3pm. This is a virtual seminar.** Join [here](#).

#### **GRAD Virtual Hour with the Associate Dean**

the graduate community is invited to join the sessions on Thursdays from 8 a.m. – 9 a.m. and Mondays from 2 p.m. – 3 p.m. Find instructions to get started at [graduateschool.colostate.edu/virtualhour/](http://graduateschool.colostate.edu/virtualhour/)

#### **6/1-6/5 Workshop on Scaling Up sponsored by**

**ESA and NEON** Fully funded week long workshop for graduate students (MS and PhD) to learn how to manage big data sets and programming with R, hosted at NEON in Boulder, CO from June 1-5, 2020. **The deadline to apply is February 28, 2020.** More info [here](#)

#### **7/12-7/18 Alpine Plant Ecology - International**

**Summer School.** Jointly organized the University of Basel and ALPFOR [Info Flyer](#)



## RESOURCES

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

**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 [writing@colostate.edu](mailto:writing@colostate.edu) or 970-391-0222.

**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

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**Life 102/103 Teacher's Assistant:**

The Graduate Degree Program in Ecology is seeking two 20-hour Graduate Teaching Assistants (GTA) for LIFE 102 or 103 for Fall Semester 2020. The course assignment will depend on the background and qualifications of the candidate, as well as where help is needed most. Application can be found [here](#).

**McPherson Graduate Scholarship**

Two McPherson Graduate Scholarships will be available for the academic year of 2020-2021. Each scholarship carries an award of \$10,000 (renewable), plus resident tuition. The scholarships are awarded to new applicants to



**Ecological Statistics**

The analytic methods include, but are not limited to, Bayesian occupancy modeling including recent developments for false positives and count

Colorado State University's Graduate School and cover the first year of graduate study with the opportunity for renewal by applying for renewal in the second year. To be eligible for the scholarship, individuals must have completed their bachelor degrees at Adams State University, preferably, or be current or former residents of the San Luis Valley in Colorado. Recipients of the McPherson Undergraduate Scholarship are eligible as well. Email application to [Ludy.avalos@colostate.edu](mailto:Ludy.avalos@colostate.edu) by May 15, 2020 for preferred consideration. Applications will be accepted until May 30, 2020. Application [here](#).

#### [Postdoctoral Research Scientist](#)

The project will identify and evaluate potential management strategies towards recovery of the Federally Endangered Shenandoah salamander within Shenandoah National Park. Managers at Shenandoah National Park need validated information to better manage the endangered Shenandoah salamander in the face of climate change. Prior work indicates that, given the endangered status of the species and the large degree of uncertainty in climate change projections development of ecological and decision models are needed to prepare for a management review of options. Learn more [here](#).

#### [Peace Corp Campus Recruiter:](#)

The Peace Corps Strategic Campus Recruiter will increase awareness of Peace Corps Volunteer opportunities on campus and in the surrounding community through a variety of recruitment activities, including, but not limited to: delivering class or club presentations, tabling in public, high-traffic areas on campus and/or at career fairs, organizing and facilitating application workshops and retention events, and developing relationships with key stakeholders on campus. More [information](#).

#### [Assistant, Associate, or Full Professor, University of Nebraska-Lincoln](#)

The Nebraska Cooperative Fish and Wildlife Research Unit is seeking an Assistant Unit Leader. Cooperative Research Units exist in partnership with the host university, state wildlife agency, U.S. Geological Survey, U.S. Fish and Wildlife Service, and Wildlife Management Institute, and have a three-part mission of (1) applied research, (2) graduate education, and (3) technical assistance. Learn more [here](#).

#### [COPARC Student Conservation Scholarship](#)

The award is intended to assist students studying reptiles and/or amphibians by offsetting costs of classes, books, education projects, research projects, professional meetings, training events, or certifications. **Recipients are eligible for up to a \$250 award.** Find out more [here](#).

#### [Biology Statistician](#)

Provide analytical support for the first "State of Bats" report and other conservation assessments

detection data; general and generalized linear models and mixed models; multivariate methods; Bayesian methods and design-assisted methods. The nature of the collaborative work requires knowledge and experience in ecology. [Info](#)

#### [CSU Extension: Summer Help Needed](#)

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](#)

#### [The Department of Fish, Wildlife & Conservation Ecology, New Mexico State University Assistant Professor – Fisheries Ecologist](#)

The Department of Fish, Wildlife and Conservation Ecology at New Mexico State University announces an opening for an Assistant Professor/Fisheries Ecologist. The Department seeks a candidate to establish a competitively funded research program in applied fisheries conservation and management to address important scientific questions and societal issues of relevance to the state of New Mexico, as well as regionally, nationally and internationally. [Info](#)

#### [Research Assistantship Opportunity: Climate Change Adaptation Science Assistant](#)

The National Park Service (NPS) Climate Change Response Program (CCRP) seeks one qualified graduate student to contribute to numerous ongoing climate change adaptation activities supporting management of national parks. The selected candidate will support NPS scientists in developing and applying sound science to identify, inform, implement, and evaluate the application of climate change adaptation strategies across the U.S. National Park System. Open until filled. [Info](#)

[Exciting employment opportunities in applied herpetology and invasive species control research -- all levels - Brown Treesnake](#) Several employment opportunities are available with the Research Corporation of the University of Guam to support USDA in this research [Info](#)

#### [Assistant Professor \(Tenure track\) Applied Environmental Economist Department of Natural Resources and Environmental Management University of Hawaii Manoa](#)

The Department of Natural Resources and Environmental Management (NREM) in the College of Tropical Agriculture and Human Resources (CTAHR) at the University of Hawaii Manoa seeks an applied environmental economist who will apply cutting edge modeling and statistical techniques as part of a novel, integrative research program that is relevant to the sustainability and resiliency of Hawaii and the Pacific Region. [Info](#)

as directed. Analyze data gathered by other agencies for assessing status and temporal trajectories of bat population using community occupancy models and/or extensions. More information can be found [here](#).

### [Science Communication Liaison](#)

COMPASS and the National Center for Ecological Analysis and Synthesis (NCEAS) are hiring for a joint Science Communication Liaison position! This exciting partnership between COMPASS and NCEAS offers a unique and powerful way to bring relevant science to society. We'd greatly appreciate your help sharing this opportunity widely across your networks and with particular people that you believe would be fabulous in this position. The position will be located at the NCEAS building in Santa Barbara, CA. [Info](#)

### [Postdoctoral Position](#)

The University of Birmingham is seeking a postdoctoral researcher with both bioinformatics and field biology experience. Applicants must hold a PhD degree and evidence of bioinformatics experience is critical, ideally at postdoc level.

The candidate will be required to (i) understand theoretical underpinnings of sequence alignment algorithms for next generation sequencing (NGS) data (ii) have proven experience in NGS analysis and comparative genomics (iii) have knowledge of data visualization methods and of bioinformatics resources such as annotation tools and databases; (iv) have knowledge of methods and approaches for data integration; and a strong statistical genetics background.

### [Quantitative Ecologists](#)

Primary service provided by the student/recent graduate is to help develop, run, modify, analyze, and document continental level avian migration models in the study of the potential effects of environmental contaminants on bird populations. In addition, the student/recent graduate shall be expected to assist in literature search, document editing, and preparation of data summaries and reports.

### [Neon Postdoctoral Position](#)

NEON is currently seeking three (3) Postdoctoral Fellows to contribute to its scientific mission through both advancement of science and engagement of the user community. NEON Postdoctoral Fellows will receive funding for a period of two years, contingent on successful performance and available funding.

[Statistical Position at NOROCK](#) The Northern Rocky Mountain Science Center of the U. S. Geological Survey conducts research in support of natural resources management with geographic emphasis on the mountains and plains of

### [PhD Opportunity at New Mexico State University](#)

[Funded PhD Assistant Ship - Dryland Microbial Ecology](#) The Pietrasiak lab at New Mexico State University invites applications for a USDA-AFRI sponsored Ph.D. assistantship in the Plant and Environmental Science (PES) program starting in summer/fall 2020. This project is a highly collaborative and interdisciplinary study with PI's spanning disciplines such as Environmental Sciences, Rangeland, and Global Change Ecology to using cutting edge techniques in Microbiology, Plant Genomics, and Ecology. [Info](#)

### [GIS/Air Resources Internship via Geoscientist in the Parks \(GIP\) Program](#)

The Great Smoky Mountains National Park is hiring a 26 week intern position that will use GIS skills to develop an ArcGIS on-line Story-map depicting how historic acid deposition has impacted air, soil and stream water quality as well as the mitigation's and significant deposition improvements that have been made in these areas. [Info](#)

### [COPARC Student Conservation Scholarship](#)

The COPARC Student Conservation Scholarship opportunity is made possible by the Colorado Partners in Amphibian and Reptile Conservation. The award is intended to assist students studying reptiles and/or amphibians by offsetting costs of classes, education projects, research projects, professional meetings, training events, or certifications. Recipients are eligible for up to a \$250 award. **Deadline May 1.** [Info](#)

Montana, Wyoming and Idaho. The duty station for this position is Bozeman, Montana. [Info](#)

#### [Assistant Unit Leader New Mexico](#)

Research Ecologist/Wildlife Biologist within the New Mexico Cooperative Fish & Wildlife Research Unit looks like if you've worked with our feathered game bird friends you might have an edge for this one. [Info](#)

#### [Postdoctoral Position - Boston University](#)

The Department of Earth and Environment at Boston University (BU) invites applications for a postdoctoral scholar to collaborate on an NSFCNH2 project examining the integrated socio-environmental dynamics of deer management in suburban and urban areas of the northeastern United States. The postdoctoral scholar will conduct research on the institutions that shape suburban and urban deer management in the northeastern United States. This is an exciting opportunity for an environmental social scientist to engage in convergent research at the intersections of institutional change and wildlife management.

#### [The High Altitude Revegetation \(HAR\) Committee Student Travel Grants](#)

Up to three student travel awards of \$1000 will be presented this year. HAR promotes understanding of revegetation procedures when fragile high elevation and high plains ecosystems are disturbed by human activities. The committee is a grassroots group interested in the revegetation and restoration of plant communities and ecosystems. [Info](#) **Deadline extended to 4/30**

#### [Assistant Professor of Fisheries Ecology at NMSU](#)

Plan, conduct, and direct research related to fish, wildlife, or ecological resources, with application to contemporary science, policy and management needs. Conduct research that is cooperatively driven and provide scientific basis for management and policy decisions. [Info](#)

#### [Post doctoral Position in Global Change and Spatial Modeling at UC Berkeley](#)

A postdoctoral position is available with the Grinnell Resurvey Project under the direction of Professor Steve Beissinger at UC Berkeley in the Museum of Vertebrate Zoology (MVZ). This project is funded by NSF to resample birds and mammals in California at sites originally visited by Joseph Grinnell and colleagues in the early 20th century in order to understand how climate and land-use change have affected species' turnover during the past century in California.

[Info](#)



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