UPCOMING GDPE EVENTS

3/12 - FRSES Meeting - 12:00 - 1:00 pm
Johnson Hall 132. Debrief FRSES 2020, nominate executive committee members!

From your GDPE Admin Team

It's March!

Winter is receding behind us (despite all outdoor evidence to the contrary) while spring and the field season (for Northern Hemisphere ecologists) is ahead of us. March is a transition month.

This year, all of our spring GDPE Distinguished Ecologists are visiting in April and May, but one of the great things about CSU is the diverse array of departmental seminars offered every month that are ecological in nature. Attending these is a great way to become more informed about the breadth of our field and you might even find that you learn something that enhances your own research.

We try to highlight as many of these as possible in this weekly digest, so don’t forget to scroll down check these out - in addition to our GDPE student defense seminars - while you are waiting for our own GDPE Distinguished Ecologists.

~ Your GDPE Admin Team

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!

GDPE Spring 2020 Travel Grant
We are pleased to announce our call for application for the Spring 2020 GDPE Travel Grant. To apply, please provide the following:
1. Fill out the Application Form (refer to separate MS Word document).
4/22 - 4/23 - Distinguished Ecologist, Rachel Winfree - 4:00 pm, LSC North Ballroom.
   ◆ What can pollinators tell us about biodiversity and ecosystem services in real-world landscapes?

5/5 - 5/6 - Distinguished Ecologist, Jonathan Losos - 4:00 pm, BIO 136 (5/5), LSC North Ballroom (5/6)
   ◆ Using experiments in nature to student evolution in real time: Research on lizard adaptation in the Bahamas

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

Information on Spring 2020 DE speakers here

DEADLINES

GDPE Deadlines

2020 GDPE Small Research Grant - Reviewer

GDPE

GDPE Course Information
   ◆ ECOL693 (Research Seminar) will only offer
Deadlines

Wednesday, March 11: Reviews due to GDPE (2 weeks to review)

Friday, March 13: Target date for grant award announcements

2020 GDPE Travel Grant Deadlines
Monday, March 23: GDPE Spring 2020 Travel Grant Application Deadline

Other Deadlines
Friday, April 10: The following are due to the Graduate School (we recommend submitting at least 10 days prior):
- GS-24 (Report of Final Examination Results) - Due within 2 days of your final defense exam!!
- GS-30 (Thesis/Dissertation Submission Form)
- GS-31 Embargo Request (optional)
- Survey for Earned Doctorates (PhD only)
- Electronic copy of thesis/dissertation (formatted according to GS guidelines)

NOTE: The GS-30 and GS-31 must be submitted BEFORE your thesis/dissertation can be approved. Submit the GS-30 as soon as possible after your defense.

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.

Graduate School Deadlines for Spring Graduates
Friday March 6 – by 4:45 pm (MT) SUMMER
2020 GRADUATES who would like their name printed in SPRING 2020 Commencement Program

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

Proposals for ECOL592 seminars can be submitted on-line here.

Upcoming Courses of Interest

AB511 - Microbiome of Plant System
Dr. Pankaj Trivedi, MW 9:00 - 10:30 am
More info here.

NR510 - Ecosystem Services: Theory and Practice
Dr. Kelly Jones, M 2:00 - 4:45 pm
More info here.

SOCR670 - Terrestrial Ecosystem Isotope Ecology
M. Francesca Cotrufo, M W 11-11:50 am
Lab F 11-1:00 pm
More info here.
**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.

**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.

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**ECOLOGY & CSU EVENTS**

**UPCOMING:**

**Upcoming Defense Seminars:**

**Plant-Mediated Interactions Inform Integrated Pest Management**

Theresa Barath | PhD Defense Seminar Advised by Dr. Paul Ode
March 25 | 8:00 a.m. - 9:00 a.m.
Natural Resource Building | Room 140
400 University Ave, Colorado State Univ.

**Spring CSU Write Club Lecture Series by CSU’s One Health Club**

3/11 Visual Storytelling in Health Communication Lecture 2 - Dr. Joe Champ 12-1 pm, Pathology 101 [Series Info]

3/12 FRSES Meeting 12 - 1 pm Johnson 132 Nominate executive committee members and debrief FRSES 2020

3/24-3/27 Diversity, Equity, and Inclusion in Socio-Environmental Synthesis Research Workshop at SESYNC – a fully funded experience for PhD students in Annapolis, MD from March 24-27, 2020. The deadline to apply is January 21, 2020 at 5:00pm Eastern Standard Time (EST). [Info]

4/8 & 4/18 Grant Writing Workshop Learn to craft a competitive research proposal at the upcoming workshop led by Saran Twombly, a former Program Director at the National Science
Upcoming Events:

**Spring 2020 Graduate Professional Development Series**  
3/5 A Career in Industry - Perspectives from Alumni, CSU Ventures Team and an Alumni Panel  
12:00 - 1:30 p.m. | LSC 300  
Series Info Flyer

3/4 The Global Biodiversity Center (GBC) and the Africa Center Graduate Student Lunch with Dr. Amy Vedder  
The Global Biodiversity Center (GBC) and the Africa Center are hosting a graduate student lunch with Dr. Amy Vedder of the Yale School of Forestry and Environmental Studies. Dr. Vedder has dedicated over 35 years of her career to understanding and conserving wild lands around the world at local and continental scales. She has done much of this work in adverse field conditions which adds another layer of unique perspective to her research. Most of Dr. Vedder’s science-based work has centered on understanding and protecting Mountain Gorillas in central Africa. As a result, Dr. Vedder has become one of the world’s foremost experts on this fascinating animal. She has shared her work around the world in countless talks, peer-reviewed articles, and her book ‘In the Kingdom of Gorillas: Fragile Species in a Dangerous Land.’ As an expert in her field, she has advised governments and non-governmental organizations on conservation practices and policy. Lunch will be provided on Wednesday, March 4 from 12-130pm and will be located in the Montreal Room, Johnson Hall room 108. The lunch is only available to the first 20 graduate students who respond, so if you are interested, please email Dr. Jacob Job at jjob@colostate.edu and let him know about your intent to attend.

3/11 Microbiome Solutions and the Sustainable Development Goals  
The School of Global Environmental Sustainability (SoGES) will host a free, public panel discussion on microbiomes and global sustainability. The event will be on Wednesday, March 11 at 5-6:30pm at Avogadro’s Number.

4/9 How You Came to Science NOCO GWIS  
 Presents: A Storytelling Night for CSU Graduate Students in STEM Fields  
7:00-9:00 pm Horse and Dragon Brewing  
Company Application deadline 3/9 Flyer

4/11 4th Annual Rocky Mountain Geobiology Symposium  
Colorado School of Mines Golden, Colorado  
Abstract submission deadline: February 29th, 2020  
Registration deadline: March 20th, 2020  
Cost: Free Info

4/23-4/24 Second Annual Front Range Microbiome Symposium  
This spring, CSU's Microbiome Network and student group GRAM (Graduate Researchers Across Microbiomes) are hosting the second annual Front Range Microbiome Symposium on April 23rd & 24th here at CSU! Registration and abstract submission begins on Monday, January 6th. Website More info here

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 programing 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

**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 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

**Graduate Student Council (GSC) 3rd Quarter Travel Awards**
The Graduate Student Council (GSC) and the Graduate School are pleased to announce the third quarter call for travel awards. Awards are open to all graduate students who will be presenting their work at a conference and provides partial to full funding for conference travel related expenses. Recipients of each award will be determined by evaluating the type of presentation, the type of conference, and service the student provides to the University. This quarter we will award ten (10) awards of $250 each, three (3)
**Committee Student Travel Grants**

**The High Altitude Revegetation (HAR) 2020**

Colleges.

Career and your ability to effectively communicate, collaborate, and lead. This program will enhance your reach broader audiences, and think more sustainability have greater impact, who will be solving the grand challenges of program helps early career scientists with state-of-the-art science communication and career development which prepares future innovators and thought leaders with state-of-the-art science communication and career development training. The Sustainability Leadership Fellows program helps early career scientists who will be solving the grand challenges of sustainability have greater impact, reach broader audiences, and think more expansively about their work and its role in the world. This program will enhance your career and your ability to effectively communicate, collaborate, and lead. The program is open to all disciplines and colleges. The deadline to apply is March 11, 2020.

**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.

**GDPE Students and Warner College of Natural Resources Scholarships**

If you are a GDPE student with an affiliation in the Warner College of Natural Resources, we want to make sure you are able to apply for WCNR scholarships. Academic Works is not able to allow GDPE students to submit their letter of recommendation, vita, etc. as part of the Warner College of Natural Resources application, so we would like to ask that you submit this information manually to my attention. You will still need to complete the CSU scholarship application (deadline is March 1, by 11:00 pm). Please email to my attention a PDF document which will include a letter of recommendation, your vita, a paragraph about how your degree will further your career upon graduation, and documentation of any assistantship you will have for the 2020-21 academic year. If you won’t have an assistantship no need to complete this. Please email the PDF to me by March 4. Please feel free to contact me with any questions.

Roberta.Brouwer@ColoState.EDU

**Sustainability Leadership Fellows (SLF)**

The School of Global Environmental Sustainability (SoGES) is now accepting applications for its Sustainability Leadership Fellows (SLF) program, which prepares future innovators and thought leaders with state-of-the-art science communication and career development training. The Sustainability Leadership Fellows program helps early career scientists who will be solving the grand challenges of sustainability have greater impact, reach broader audiences, and think more expansively about their work and its role in the world. This program will enhance your career and your ability to effectively communicate, collaborate, and lead. The program is open to all disciplines and colleges. The deadline to apply is March 11, 2020.

**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 Montana, Wyoming and Idaho. The duty station for this position is Bozeman, Montana. Info

**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

**John W. Marr Grants in Aid of Graduate Student Research**

To provide research grants of $300 to $1000 for Ph.D. and Master’s Degree students doing field research in plant ecology in the Rocky Mountains or the Arctic Eligible Universities: Universities in the Rocky Mountain region supporting graduate research programs. Applications must include: * Curriculum Vitae * Research proposal of no more than five pages which includes: scientific goals, methods to be used, timetable, and appropriate literature citations (12 pt font, 1 inch margins) * Itemized budget including the proposed use of Marr fund, and any other potential sources of funding * Support letters from applicant’s major advisor and another committee member

Application Deadline Applications must be received no later than March 20, 2020.

**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...
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 cooperator 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

Ecological Statistics

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

Ecologist/Fish Biologist/Wildlife Biologist within the Oregon Cooperative Fish & Wildlife Research Unit

Position Duties: Planning, conducting, and directing research related to fish, wildlife, or ecological resources, with application to contemporary science, policy and management needs. Conducting research that is cooperator driven and provides scientific basis for management and policy decisions. Serving as subject matter expert in fish and wildlife ecology, providing leadership and guidance to government and private agencies and university representatives through meetings, conferences and work groups. Disseminating research results via final reports, peer-reviewed print scientific journals, online scientific journals, books, book chapters or other outlets. Making presentations on findings to scientific and conservation organizations.

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

Indo-U.S. 21st Century Knowledge Initiative Grant (Fully Funded Travel to India)

Dr. Barry R. Noon (Department of Fish, Wildlife and Conservation Biology), Dr. Ajith Kumar (National Centre for Biological Sciences) and Dr. Karthik Shanker (Indian Institute of Sciences, Centre for Ecological Sciences) received a five-year grant to support science, education and technology transfer between CSU and five partner institutions in India. The funded proposal is part of the Indo-U.S. 21st Century Knowledge Initiative (Project Title: Partnering to Sustain India’s Biological Diversity in the Context of Rapid Environmental Change: Research, Education and Community Outreach). More info here

Research Assistantship - National Park Service (NPS)

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. This is a salaried graduate research assistantship position through Colorado State University. Please provide your statement of interest, resume of experience, and college transcripts to Alan Ellsworth at climate_change@nps.gov. The position will remain open until filled.
Serving as graduate faculty member, contributing to both the research, graduate student mentorship, and teaching mission of the university. Operating a government vehicle as an incidental driver. **Closing Date: March 18**

**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**

**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.**