UPCOMING GDPE EVENTS

**Tuesday, 2/25 from 12:30 - 1:30 pm, Johnson 132** - "Let's Talk: The Birds and Bees of Writing in Ecology: A conversation with Dr. Kristina Quynn"

**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).
   - Name your file “LastName_FirstName_Sp20_GDPE_TravelGrant.doc”.
   - Email the Word doc to Jennifer Neuwald (jennifer.neuwald@colostate.edu).
2. A brief letter from your major advisor sent separately, addressing the importance of this travel to your professional development. Again, please email this to Dr. Neuwald.

Note, per the call, these grants are for travel to a professional (scientific) meeting, workshop, symposium, or other similarly related activity to present a talk or poster from your graduate research in GDPE. Travel to field sites or to conduct research can be funded through the GDPE Small Research Grant, which is a separate call.

In addition, there may be extra funds for those students who are able to serve as GDPE Student Reps at meetings occurring during the 2020 fiscal year (i.e. prior to 06/30/20). Students attending these meetings and who are willing to serve as ambassadors are particularly encouraged to apply. Deadline for application: Monday, March 23.

Grant Season is Upon Us!

Please see the information under upcoming GDPE events (to the left) for information regarding the GDPE Spring 2020 Travel Grants.

Also, the **GDPE Small Research Grants** are in and we are now seeking help from our faculty to review them. Thank you to those of you who have already agreed, but we would be grateful for some more. If you have an hour or two to spare in the next two weeks and can help out, please email Jennifer to let her know.

We would also like to acknowledge the hard work of Leena Vilonen (FRSES President), Laura van der Pol (FRSES Vice President) and the FRSES Administrative Team for making last week's 26th Annual Front Range Student Ecology Symposium such a great success. They all deserve a big thank you for pulling this together!

Finally, we would like to thank all our recruitment mentors (we had 10!) for taking the time to meet with the visiting recruits. This is an especially busy time and they made a terrific effort to answer our recruits questions, interact with them on a one to one basis and provide informational materials during our recruitment events. Thank you, mentors, for assisting in these activities!

~ Your GDPE Admin Team

Congratulations to FRSES 2020 winners!!

**Graduate Student Winners:**
**Oral Presentations:**
Lily Durkee - 1st Place
James Gallager - 2nd Place
Jemma Fadum - 3rd Place

**Poster Presentations:**
Jesse Wooten - 1st Place
For more ecology and other CSU events, please see Ecology & CSU events section.

Information on Spring 2020 DE speakers here

Richard Patsilevas - 2nd Place
Lexie Sorenson - 2nd Place
Marcel Jardeleza - 2nd Place

CSU Ventures Most Innovative Poster
Natalie Schmer

Photography Competition:
Caitlin Charlton - 1st Place
Lexie Sorenson - 2nd Place

Most Liked/Retweeted Twitter:
Natalie Schmer

Undergraduate Student Winners:
Lauren Lad - 1st Place Oral Presentation
Shane Way - 1st Place Poster Presentation

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**

**2020 GDPE Small Research Grant - Reviewer Deadlines**
Wednesday, February 26: Proposals sent to reviewers
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) [here]
- Electronic copy of thesis/dissertation

GDPE

**GDPE Course Information**

◆ ECOL693 (Research Seminar) will only offer the oral section (001) for this coming Sp20 semester. The written section was offered this Fall.

◆ ECOL592 (Interdisciplinary Seminars)
Please refer to our website to find the current offerings once they are available. Here are some topics that have been approved for spring 2020

◆ "Socio-ecological approaches to human-carnivore coexistence" (Kevin Crooks, Stewart Breck, Courtney Schultz)
Section 009, CRN 18756, 1cr

◆ "Wildlife in Ecological Systems" (Julie Heinrichs, Adrian Monroe, David Edmunds)
Section 008, CRN 18755, 1cr
2/25 - "Conservation & Landscape Ecology" Dr. Julie Heinrichs (NREL)
Info and Speaker Schedule

◆ "Mechanistic and Predictive Models for Polygenic Traits" (John McKay)
Section 010, CRN 18757, 1cr

◆ "Ecological Networks: Theory and..."
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)
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

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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!

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.

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

Graduate School Deadlines for Spring Graduates
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Find all of the deadline details on the CSU Graduate School's website 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.

◆ ANTH/ESS 650 - Edge Effects: Place, Embodiment, and Environments
Dr. David Bunn, F 1:00-3:45 pm
More info here.

◆ GRAD 580A2 - Research Skills for Graduate Studies
Laurel Bond, W 2-4:50 pm
More info here.

◆ BZ 348/548 Math 348 Theory of Population and Evolutionary Ecology
Dr. Lindsay Beck-Johnson
Lecture MWF 1-1:50 pm, Computer Lab TH 3-5:30 pm
More info here.

◆ BSPM 528 Invasive Plants and Weeds: Ecosystems to Molecules
Dr. Cini Brown, T, TH 9:30 am - 10:45 am
More info here.
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:

- **Plant-Mediated Interactions Inform Integrated Pest Management**
  - Theresa Barsh (PhD Defense Seminar)
  - March 25 | 8:00 a.m. - 9:00 a.m.
  - Natural Resource Building | Room 140
  - 400 University Ave, Colorado State Univ.

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**

- **2/25 Antarctic Lecture Series presents A view from the Arctic Ocean: Lessons for Antarctica?**
  - Jessie Creamean - Research Scientist, Colorado State University
  - Tuesday, February 25
  - 7-8pm Old Town Library
  - 201 Peterson Street, Fort Collins [Info]

- **2/27 Special Seminar: Understanding and Predicting Wetland Methane Emissions**
  - An informal seminar by Rob Jackson (Stanford) and colleagues describing synthesis efforts conducted at the Powell Center 4:00 pm
  - B218 E - Conference Room CSU NESB [Info]

- **2/28 The Graduate Student Council is hosting a Graduate Student Support Group.** Join your fellow graduate students in a safe and open environment to discuss the issues that graduate students face. Pizza will be provided. **When: Feb**

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 Foundation. You will develop the skills to present your research so that it captures your reviewer’s attention and delivers the actions you desire. The event includes two full Saturdays April 4 and 18. We are limiting attendance to 20 people to maximize your training experience.

Grant Writing Workshop

- LSC 372-374
- April 4 & 18 from 8:30 a.m. - 5:00 p.m.
- Apply to attend by March 12 at [col.st/CADF5][Info]

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**
28th at Noon Where: LSC room 376
Please email gsccsu@gmail.com with questions.
Graduate Student Council gsc.colostate.edu

3/5 FRSES Meeting 12 - 1 pm Johnson 132
Nominate executive committee members and
debrief FRSES2020

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

3/4 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
jrjob@colostate.edu and let him know about your
intent to attend.

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

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
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.

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**GRANTS / JOBS**

**The SEEDS Partnership for Undergraduate Research (SPUR) Fellowship** – a fully funded year and a half research experience for undergraduates at one of our partnership stations, plus 3 other travel experiences with SEEDS (Leadership Meeting, Field Trip and ESA Annual Meeting). This is the highest honor for students within the SEEDS program. The deadline to apply is **February 28, 2020.** [Info](#)

**The Rocky Mountain Research Station (RMRS) of the United States Forest Service** anticipates hiring a Research Plant Ecologist to conduct research activities at the Shrub Sciences Laboratory with emphasis on research design, data collection and analysis, manuscript preparation and publishing, communication, science delivery, and working with partners. **Close date Feb 29.** [Info](#)

**College of Arts and Sciences Cornell University Ithaca, NY Postdoctoral Associate**
Adaptive diversification of frogs along the Brazilian Dry Diagonal A fulltime postdoctoral position is available in the Zamudio laboratory, Department of Ecology and Evolutionary Biology, Cornell University. This position is funded by an NSF Dimensions of Biodiversity Grant to study adaptation of multiple plant and animal lineages to the Dry Diagonal of Brazil (cerrado and caatinga biomes). This post-doc will focus specifically on

**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
Leaders with state-of-the-art sustainability prepare future innovators and thought leaders.
The School of Global Environmental Sustainability (SoGES) offers the Sustainability Leadership Fellows (SLF) program, which prepares future innovators and thought leaders with state-of-the-art preparation and publishing, communication, science delivery, and working with partners. [Info]

The American Society of Ichthyologists and Herpetologists Gaige Fund Award provides funding for graduate student research. Applications are due March 1. [Info]

**Colorado Graduate Grant $3,000**
This is a Colorado grant that could help cover your student fees once you are a resident. It is called the Colorado Graduate Grant, which is $3000 a year for Colorado graduate students (unfortunately it cannot apply to international students). In order to qualify you need to fill out your FAFSA and be considered a low income student and to get the full grant you need to have 7+ credits. [https://financialaid.colostate.edu/financial-aid-eligibility/](https://financialaid.colostate.edu/financial-aid-eligibility/). If you are continuing in CSU next semester please consider filling out the FAFSA. Deadline March 1. [Info]

**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 you 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 2020-2021 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. [Robert.Brouwer@ColoState.EDU](mailto:Robert.Brouwer@ColoState.EDU)

**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** [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]

**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...
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. 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. 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. Info

Demographic Modeling Postdoc Position
In partnership with the USGS Pacific Islands Ecosystem Research Center (Dr. Eben Paxton) and the University of Guam, we’re seeking a skilled demographic modeler to serve as investigator on a study to predict the likelihood of native bird population persistence under varying levels of invasive snake predation. Info

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.

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