UPCOMING GDPE EVENTS

2/20 - 2/21 - Front Range Student Ecology Symposium (FRSES), Lory Student Center North Ballroom
- Keynote, 2/20 from 4:00 - 5:00 pm in LSC North Ballroom, "Balancing human and ecological needs in drought preparedness and response: An ecological drought case study from Montana's Upper Missouri Headwaters"
- Workshop, 2/21 from 4:00 - 4:50 pm in LSC 386, "Bringing the people to ecology and ecology to the people"

FRONT RANGE STUDENT ECOLOGY SYMPOSIUM
A student-run symposium for ecology students to showcase their work
February 20-21st, 2020
Lory Student Center
Colorado State University

For more information check out the FRSES Website.

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"

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

Information on Spring 2020 DE speakers here

DEADLINES

GDPE Deadlines
Friday, April 10: The following are due to the Graduate School (we recommend submitting at least 10 days prior):

From your GDPE Admin Team

Save the Dates!
FRSES is here this week!
The annual Front Range Student Ecology Symposium! Its a great opportunity to hear from our local ecologists - who conduct research both locally and around the world. Please make sure you mark your calendars and support our GDPE students.

We would also like to take the opportunity to welcome the GDPE prospective students who will be visiting with us during our recruitment events!

Agenda
GDPE Faculty: If you have any last-minute students who will be visiting and participating in recruitment events please email Dawn Koschnitzki.

Finally, don't forget to enter the FRSES Photo Contest. The deadline has been extended until Tuesday, February 18!

~ 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!
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 (formatted according to GS guidelines - [here]; they also have workshops to help with this!)

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
Feb 5: Registration Closes - Last day for dropping courses without record entry, changes in grade option, and tuition and fee adjustment

Find all of the registration deadline details on the CSU Registrar's website here.

Other Deadlines
Feb 21 GDPE Small Research Grant for students. Due date for proposal submission - Friday, February 21. Info Application

Obtaining Signatures
Degree Deadlines
Student Forms
GDPE Grad Student Survey

**************
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.

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 Barron | PhD Defense Seminar Advised by Dr. Paul Ode
March 25 | 9:00 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**
2/20 A Day in the Life of Non-Tenure Track Faculty Denise Apodaca, Graduate School 12:00 - 1:30 p.m. LSC 380
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

**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
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

2/19 - State of the Science: Looking Forward to 2030 and Beyond - Connect with local city and county government officials and CSU student researchers. 4 pm - 7 pm New Belgium Brewery More info

2/21 - Call for Posters & Artwork for the 2020 Women in Science Symposium (WISS) WISS an opportunity for a gender-inclusive community from Northern Colorado to engage in this half-day event and network with others from academic & industry backgrounds interested in promoting science and gender equity. WISS is a product of the Women in Science Network (WiSCI). WiSCI exists for the purpose of empowering women and girls in science from K-12 through terminal degrees. We believe that the solution to barriers women and girls face in science education and in science fields is discovered by linking arms with people of all genders, all races, all colors, and all ages. Submissions are due by February 21, 2020. Website Info

4/16-4/19 The Henry L. Gholz SEEDS National Field Trip – a fully funded travel award for undergraduates to learn all about the science at the Sevilleta LTER in La Joya, NM from April 16-19, 2020. The deadline to apply is January 31, 2020. 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

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

**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.

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

**2020-2021 Advancing Education Scholarship** The Graduate School is pleased to announce the availability of the 2020-2021 Advancing Education Scholarship to honor the legacy and memory of Martin Luther King, Jr. The scholarship is presented each year to a CSU graduate student who has demonstrated outstanding achievement in promoting equities in education for underrepresented and/or racially minoritized students. The awardee receives a $9,000 scholarship and resident tuition support for one academic year. The application deadline is February 18, 2020. Info Cover Sheet GTA Positions for Summer 2020 The Department of Biology will be recruiting GTAs for Summer 2020. Application materials are due Friday, February 21st, 2020. Students that have

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

**Exciting employment opportunities in applied herpetology and invasive species control**
Funded Research Program in Applied Fisheries

The Department of Fish, Wildlife and Conservation Ecology at New Mexico State University announces an opening for an Assistant Professor – Fisheries Ecologist. The program is open to all disciplines and will prepare 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.

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.

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 research. The successful candidate will develop a research program focused on a problem of importance to applied fisheries, conservation, and/or aquatic resources in New Mexico and the region. The successful candidate will work closely with surrounding extension programs (e.g., New Mexico State University Cooperative Extension Service) and governmental agencies (e.g., New Mexico Department of Game and Fish) to develop impactful and applied research projects that address local and regional research issues in aquatic resources.

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.

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.

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.

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).

Assistant Professor, NC State University

NC State University is advertising for an Assistant Professor position to be hired under the
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

Rocky Mountain Research Station USDA Forest Service Postdoctoral Research Plant Ecologist, GS-0408-11 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. Info

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. Info

Forest Ecology TT position at West Virginia U
West Virginia University is currently trying to fill a tenure-track position in forest ecology at the Assistant Professor level in the Department of Biology at West Virginia University. They are seeking an individual who uses a combination of empirical and advanced analytical techniques, and who can leverage “Big Data” (e.g., NEON, FIA, NADP, ForestGEO, or AmeriFlux data) to link changes in tree species composition with the resulting impacts on forest ecosystem function. Review of completed applications will begin on December 2 and will continue until the position is filled. For more info

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.
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 divergence and adaptation in dry diagonal frogs. **Review of applications will begin on March 1, 2020.**