

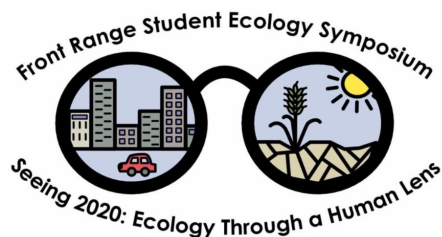


GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

GDPE Weekly Digest

February 3rd, 2020

UPCOMING GDPE EVENTS



SAVE THE DATE

FRONT RANGE STUDENT ECOLOGY SYMPOSIUM

FEBRUARY 20-21ST, 2020, LORY STUDENT
CENTER, COLORADO STATE UNIVERSITY

FIND US ONLINE AT ECOSYM.ECOLOGY.COLOSTATE.EDU OR ON FACEBOOK
AT FRONT RANGE STUDENT ECOLOGY SYMPOSIUM

Abstract announcement to follow

For more information check out the [FRSES Website](#).

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

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

From your GDPE Admin Team

The Open Forums & Graduate Student Meetings for the GDPE Director Search are complete. It was truly exciting to hear from three excellent candidates (Paul Ode, Ruth Hufbauer, and Mendy Smith) about their visions for GDPE! Now, we can use the help of our GDPE community by providing us with your perspective on the candidates' strengths and weaknesses to serve as Director.

Emails have gone out to faculty and students with instructions on how to provide this feedback (e.g. questionnaire or contact your Search Committee Rep directly). You are also welcome to contact the Chair of the Search Committee ([Jennifer Neuwald](#)) or, if you are a student, your Grad Student Rep ([Shelby McClelland](#)).

Because we have a quick turn-around time, please submit all comments by this **Wednesday, Feb. 5 by noon**.

Note: if you are interested in viewing the recordings of the open forums, please contact [Dawn Koschnitzki](#) and she can arrange access.

~ 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!

DEADLINES

[GDPE Deadlines](#)

GDPE

[GDPE Course Information](#)

Friday, February 14:

- GS25 due to the graduate school
NOTE: GDPE deadline for review of this form is **Monday, February 16.**

NOTE: All students must be enrolled in at least one credit or Continuous Registration during the semester in which they graduate. [[link](#) to ECOL courses]

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 (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

Feb 14: Graduate School Deadline - Apply or Reapply to Graduate

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](#)

◆ **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
2/4 - "Wildlife Disease Ecology: Case Studies Involving Chronic Wasting Disease and Plague"
Drs. David Edmunds and David Eads
[Info and Speaker Schedule](#)

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

◆ **"Ecological Networks: Theory and Applications"** (Dr. Colleen Webb, Brooke Berger)
Section 001, CRN 18824, 1cr

◆ **"Ecosystem-Based Adaptation and Biodiversity Changes at a Global Scale"** (Dr. Gillian Bowser, Sarah Whipple)
Section 011 CRN 18839, 2cr

◆ **"Federal Perspectives on Invasive Species Science, Management and Policy"** (Dr. Cynthia Cini) Brown, Jeff Morissette)
Section 002, CRN 10126, 1cr
Location: C123 Plant Sciences)

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](#)

◆ **ANTH/ESS 650 - Edge Effects: Place,**

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

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](#)

◆ **BSPM 528 Invasive Plants and Weeds: Ecosystems to Molecules**

Dr. Cini Brown T, TH 9:30 am - 10:45 am

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](#)



ECOLOGY & CSU EVENTS

Upcoming:

Spring 2020 Graduate Professional Development Series

2/5 Develop Your Professional Brand to Expand Career Opportunities

Amy Cailene, Career Center
12:00 - 1:30 p.m. | LSC 300

Series Info Flyer

2/7 The Anthropology Graduate Student Society (AGSS) is currently accepting submissions for the 9th volume of *Furthering Perspectives* [Info](#) [Author Guidelines](#)

2/8 COPARC Annual Meeting

Saturday February 8, 2020 Boulder County Open Space Building 5201 St Vrain Rd, Longmont, CO 80503 **Time:** 9:00 am - 4:30 pm. More info [here](#) [Register](#) Also, Submit your pictures in the Photo Contest! Photos will be voted upon at the 2020 Meeting. [Info](#) [Agenda](#) now available

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](#)

4/16-4/19 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](#)

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

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](#)

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](#)

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](#)

GDPE/NREL SEMINAR SERIES
WILDLIFE IN ECOLOGICAL SYSTEMS
TUESDAYS 1-2 PM NESB 218

Applied conservation research from the genome to the landscape. Featuring CSU Research Scientists, State and Federal Agencies, and NGO Scientists

Contacts: Drs. Julie Heinrichs, Adrian Monroe, David Edmunds
Julie.Heinrichs@colostate.edu

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.

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

[USGS Sequoia Field Station Summer Bio Tech Positions](#) USGS Sequoia-Kings Canyon Field Station is currently looking for individuals interested in summer employment in the area of forest ecology research. Contact Anne Pfaff: ahpfaff@usgs.gov [Info](#) **Applications due Feb 13 website**

[J. E. Weaver Competitive Grants Program Request for Proposals 2020](#) The Nebraska Chapter of The Nature Conservancy will award up to five \$1,000 grants in support of graduate student research that enhances our understanding of Great Plains species or ecosystems and their conservation. **Deadline Feb 14** [Info](#)

[The Society for the Study of Evolution](#) provides research funding to students in the early stages of their PhDs through the Graduate Research Excellence Grant – R.C. Lewontin Early Award. Applications are due February 15. [Info](#)

[Postdoctoral Scientist Population Modeling for Gray Wolves in Washington State Washington Cooperative Fish and Wildlife Research Unit University of Washington](#) Hiring a postdoctoral scientist to develop population modeling tools needed to inform the periodic status review of gray wolves in Washington State. The postdoctoral scientist will work closely with scientists and managers at the Washington Department of Fish and Wildlife. **Deadline Feb 15** or until filled [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](#)

[Fellowship Position in the Future of the Earth](#)

The newly formed Earth Futures Group (EFG) at the University of California Riverside (UCR) invites applications for the first Earth Futures Fellow to help found a pathbreaking multidisciplinary center to study the future of Earth on cosmic time. EFG at UCR is partnering with the new Earth Futures Institute at UC Santa Cruz (UCSC) to found the first multi-campus “futures” institute in the University of California. [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](#)

[Postdoctoral Associate: Adaptive Management Under A Changing Climate, University of Colorado, Boulder](#)

The Department of Ecology and Evolutionary Biology at the University of Colorado is seeking a postdoctoral (PD) researcher with expertise in modeling Decision Science using an Adaptive Management framework. This project is in collaboration with The Nature Conservancy, Minnesota Department of Natural Resources, and the U.S. Fish and Wildlife Service. [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

[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](#)

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

[Exciting employment opportunities in applied herpetology and invasive species control research -- all levels - Brown Treeshake](#) 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 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,

Community Outreach). [More info here](#)

[Assistant Professor, NC State University](#)
NC State University is advertising for an Assistant Professor position to be hired under the Chancellor's Faculty Excellence Program for the Global Environmental Change and Human Well-being Cluster. In addition to working closely with other faculty within this cluster, the incumbent will have opportunities for collaboration exist across departments and colleges as well as with the **USGS Southeast Climate Adaptation Science Center**, the North Carolina Museum of Natural Sciences, the Office of Public Science, the Cluster of Public Science, the Cluster in Geospatial Analytics, and the Cluster in Emerging Plant Disease and Global Food Security (NB: emphasis is mine). Note, applications and nominations for Associate and Full Professors will also be considered. Relocation assistance services are provided by the university. Review of Applications will begin on December 15, 2019. See the full advertisement here: <https://jobs.ncsu.edu/postings/124813>

[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.

Plant Genomics, and Ecology. [Info](#)

[Coordinator for the New Mexico Coalition to Enhance Working Lands](#) New Mexico Coalition to Enhance Working Lands (NMCEWL, www.nmcewl.org) is a network of groups and individuals whose purpose is to support and enhance ongoing efforts to improve the health and productivity of New Mexico working lands that support agriculture and the environment. [Info](#)



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