



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

GDPE Weekly Digest

January 27th, 2020

UPCOMING GDPE EVENTS

GDPE Director Interviews

There are two one-hour meetings scheduled for each candidate. (1) **Open Interview for the GDPE Community** (in the Lory Student Center), (2) **Meeting with the Graduate Students** (in the GDPE Conference Room in Johnson Hall). Below are the schedules for each candidate.

Paul Ode:

- (1) **Interview:** Thurs., Jan. 30, 11am, LSC 376-78
- (2) **Students:** Wed., Jan. 29, 10 am, JH132



Ruth Hufbauer:

- (1) **Interview:** Thurs., Jan. 30, 2pm, LSC 376-78
- (2) **Students:** Fri., Jan. 31, 1pm, JH132



Melinda Smith:

- (1) **Interview:** Mon., Feb. 3, 9am, LSC 308-10
- (2) **Students:** Mon., Feb. 3, 10:30am, JH132

From your GDPE Admin Team

This week starts our interview process for the new Director of GDPE. We look forward to hearing from all three of the candidates about their **vision for the future of GDPE**. Please refer to the schedules on the left of this page ("*Upcoming GDPE Events*") for details on times and locations for both the Open Meetings for the GDPE Community and the Graduate Student meetings.

This semester, Julie Heinrichs, Adrian Monroe, and David Edmunds are offering an ECOL592 entitled, "Wildlife in Ecological Systems". As part of this seminar, there will be regular speakers addressing applied conservation research from the genome to the landscape. These meetings are open to the public and GDPE members are welcomed and encouraged to attend. They occur on Tuesdays from 1-2 pm in NESB 218. A flyer highlighting the up-coming speakers can be found under "GDPE Course Information".

Dr. Cameron Aldridge is speaking this week on "Scale in Ecological Systems".

~ 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!



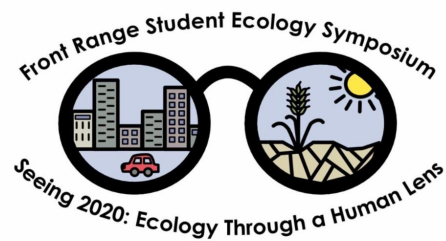
It is important and valuable for candidates to learn what students want from the program, so please come!

If you have questions about the Director Search or the interviews, please contact the search chair, Jennifer Neuwald, [here](#).

If you have questions about the grad student meetings, please contact the grad student rep, Shelby McClelland, [here](#).

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

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



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](#).

DEADLINES

GDPE Deadlines

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.

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
1/28 - Dr. Cameron Aldridge (NREL/ESS) Scale in Ecological Systems

[Info and Speaker Schedule](#)

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

◆ **"Ecological Networks: Theory and**

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

Find all of the deadline details on the CSU Graduate School's web site [here](#).

General Registration Deadlines

Find all of the registration deadline details on the CSU Registrar's web site [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

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

Tues. 1/28 - GDPE/NREL

Dr. Cameron Aldridge, "Scale in Wildlife Ecology"
NESB 218 1-2 pm

◆ **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, MW 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](#)

◆ **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

1/28 What Competencies Do You Need Beyond Your Research for Career Success and How Do you Get Them?

Colleen Webb, Graduate School
12:00 - 1:30 p.m. | LSC 300

Series Info Flyer

1/31 SoGES Funding Opportunities for Global Challenges Research Teams and Resident Fellows

These GCRT and Resident Fellow awards provide unique opportunities to accelerate progress in research designed to meet global sustainability challenges, and to engage in the academic life of the School. Deadline January 31 [Info](#)

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](#)

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](#)

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](#)

4/11 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 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](#)



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](#)

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.

[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.



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

[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](#)

[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](#)

[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

[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.

[Tenure-Track Faculty: Spatial Wildlife Ecology \(Department of Wildlife\) – California](#) The Department of Wildlife Management at Humboldt State University invites applicants for an academic year, tenure-track faculty position specializing in Spatial Wildlife Ecology. Additional information about the Department of Wildlife can be found [here](#). This position is open until filled. First consideration will be given to completed applications received no later than February 1, 2020.

[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.

Annual Meeting). This is the highest honor for students within the SEEDS program. The deadline to apply is **February 28, 2020**. [Info](#)

[The American Society of Naturalists Student Research Awards](#) provides funding for PhD candidates who plan to pursue studies on ecology, evolution, or behavior. Applications are due **January 31**. [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](#)

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

[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](#)

[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](#)

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](#)

[Future Park Leaders Internship Opportunities](#)
Applications are open December 2, 2019, for paid summer internships with the National Park Services Future Park Leaders of Emerging Change program. Applications due Jan 24 [website](#)

[Evelyn Pruitt National Fellowship for Dissertation Research The Society of Woman Geographers \(SWG\)](#) invites applications for its Evelyn L. Pruitt doctoral dissertation research fellowships for 2020-2021 for women in geography and geographical aspects of other fields. SWG expects to make four to six awards of \$8,000 to \$12,000. Applications are due February 1, 2020. www.iswg.org/fellowships.

[Evelyn L. Pruitt National Minority Fellowship The Society of Woman Geographers \(SWG\)](#)
Evelyn L. Pruitt National Minority Fellowship The Society of Woman Geographers (SWG) invites applications for its Evelyn L. Pruitt National Minority Fellowship for 2020-2021. Applications are due February 1, 2020. www.iswg.org/fellowships.

[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>

[Post-Doctoral Position](#) - DEVELOPING FISH POPULATION MODELS TO INFORM ADAPTIVE

[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](#)

[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](#)

[Funding for SoGES Global Challenges Research Teams and Resident Fellows](#)

Global Challenges Research Teams (GCRTs) The GCRT program provides seed funding to foster new, creative approaches to complex sustainability problems and enable initial steps towards lasting solutions. Proposals should be highly innovative and exploratory in both their research questions and approach. New this year, SoGES seeks two-year proposals that will each receive \$30,000 total to enable teams to better execute planned work and articulate accomplishments. Deadline: Jan 31. Global Challenge Research Team [Info](#)

[Resident Fellows](#)

The School is seeking applications for CSU faculty Resident Fellows from diverse perspectives, career stages, and approaches at CSU. The Resident Fellow program allows CSU faculty time and bandwidth to accelerate creative approaches and ideas for addressing complex sustainability problems. The program provides time and funds to faculty and researchers so that they may spend focused effort on novel sustainability scholarship, or new and creative approaches to existing work. Resident Fellows Deadline Jan 31 [Info](#)

MANAGEMENT IN THE GRAND CANYON

A start date in the winter or spring of 2019-2020 is preferred and term of appointment will be for at least 18 months. Review of applications will begin on November 8 and will continue until a suitable candidate is found. Interested candidates should send a cover letter, cv, three references, and one representative publication to Charles Yackulic cyackulic@usgs.gov

[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.





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