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

Welcome back everyone! With classes resuming today and 20,000+ undergraduates on campus, the quiet of the winter-break campus will be a distant memory very soon.

To the left of this message, you will see announcements regarding the three excellent candidates willing to become the next GDPE Director. Please take advantage of the scheduled opportunities to meet with them, provide feedback to the search committee, AND if you see any of them on- or off-campus, thank them for being willing to step up and take on this responsibility. The success of GDPE depends on folks willing to serve the program - and these three candidates are great examples of faculty willing to do just that.

Reminder: classes start this week. Please review the January 6 Digest for details on registering for certain ECOL courses. All of the past Digests are archived on our website here.

~ 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.

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**DEADLINES**

**GDPE Deadlines**  
Jan. 21 - Register for ECOL 698/699/799

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

**General Registration Deadlines**  
Jan. 21 - Classes Begin  
$50 Late Registration fee for adding first class or Continuous Registration  
Jan. 24 - Restricted Drop Deadline (You may no

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**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

  - "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

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**SAVE THE DATE**

**FRONT RANGE STUDENT ECOLOGY SYMPOSIUM**  
**FEBRUARY 20-21ST, 2020, LORY STUDENT CENTER, COLORADO STATE UNIVERSITY**

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

Abstract announcement to follow

For more information check out the FRSES Website.
longer drop certain courses — see class schedule.)

Jan. 26 - Add without Override Deadline

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.

**Information for Digest:** Please submit details [here](#) for consideration. If you have questions about this, please contact our Program Coordinator, Dawn Koschnitzki.

**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](#).
Upcoming:

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]

2/8 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 (EST). [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 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]

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
**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 Herpetologists’ League Jones-Lovich Grant provides funding for research on any aspect of amphibians and reptiles in the Southwestern US or Northwestern Mexico. Applications are due **January 17**. [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 find 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.

**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. 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](#)
New this year, highly innovative and exploratory in both their sustainability problems and enable initial steps towards lasting solutions. Proposals should be foster new, creative approaches to complex...

The GCRT program provides seed funding to Global Challenges Research Teams (GCRTs) and the U.S. Fish and Wildlife Service

Minnesota Department of Natural Resources, collaboration with The Nature Conservancy, Management framework. This project is in modeling Decision Science using an Adaptive

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.

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.

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

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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,...

Evelyn L. Pruitt National Minority Fellowship The Society of Woman Geographers (SWG)


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 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
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

**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.

**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.