From your GDPE Admin Team

It may be Fall Break week, but it is never too early to begin anticipating all the great spring semester activities that await the GDPE community in 2020.

With this in mind, we have a "Save The Date" message for you this week.

The Front Range Student Ecology Symposium (FRSES) leadership team has announced that FRSES will be held **February 20-21, 2020** in the Lory Student Center.

The theme for this year's symposium is "Seeing 2020: Ecology Through a Human Lens".

So please block those days on your calendars. More information will be coming soon.

Also - congratulations are in order.

GDPE's own Dennis Ojima has been elected president of the Ecological Society of America. Read more about this accomplishment [here](#).

And also impressive is the recent announcement that three CSU GDPE faculty have been recognized as Highly Cited Researchers by the Web of Science Group.

Congratulations to William Parton, Matt Wallenstein, and Diana Wall!
**GDPE Deadlines**
none at this time

**Graduate School Deadlines for Fall Graduates**
Fri, Dec. 20 - all outstanding issues resolved
(e.g. GS25B, GS52, etc.)
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 got 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.

**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)**
New sections are in the process of being added! 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

◆ "Wildlife in Ecological Systems" (Julie Heinrichs, Adrian Monroe, David Edmunds)
Section 008, CRN 18755

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

We are continuing to solicit proposals for Spring 2020 ECOL592 Interdisciplinary seminars. These seminars offer our students an in-depth look at ecological topics at the forefront of our discipline. Please submit a proposal online 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
**ECOLOGY & CSU EVENTS**

**Upcoming:**

11/25-11/26: **QIIME2 Workshop**: Is analyzing microbiome data in your future? We are excited to offer a two-day workshop on using QIIME2 as a tool for analyzing and visualizing amplicon-sequencing microbiome data! The workshop, taught by experienced QIIME2 instructors, will cover the entire process of analyzing a microbiome study, from important data collection steps to final visualizations and everything in between! This is a great opportunity to become familiar with a new bioinformatic tool, or to get a refresher if it has been awhile. No experience or data is required for this course, just a laptop and enthusiasm! You are welcome to attend as a student, postdoc, professor, or researcher! Register quickly, because the course will be capped at 25 students.

**When**: November 25th - 26th, 9am - 5pm

**Where**: CSU campus, Animal Sciences room 161

**Cost**: $125 (includes lunch and refreshments both days!)

Registration: [https://www.eventbrite.com/e/qiime2-workshop-tickets-74882203687](https://www.eventbrite.com/e/qiime2-workshop-tickets-74882203687)

If you have further questions, please contact Andy Esterle at andy.esterle@colostate.edu

12/11 - **Invitation to Organize “International Mountain Day” Celebration at CSU**

December 11 is the UN-designated “International Mountain Day”. Our colleagues on the west slope at Western Colorado University in Gunnison have an enthusiastic group of mountain grad students who are hoping to organize a student-led event across many universities on this date, followed by Mountain Day activities at respective universities. This will be coordinated and supported by the UN Mountain Partnership, based in Rome. CSU STUDENTS: If you want to help organize the CSU portion of this, please email: Julia Klein, Associate Professor, CSU Julia.klein@colostate.edu

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

[Register](#)

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](#)

**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.

**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
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.

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. Our 2020 EcoAcademy series is kicking off with a R Shiny workshop Jan. 13-17! More info

GRANTS / JOBS

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. 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)
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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
focused on improving grass/shrub components

work for two years on a funded DOE project

We are looking for a post-doctoral researcher to

University of Wyoming

Post-doc in Ecological Land Surface Modeling
and dry forests of the southwestern U.S

and future fire behavior in grasslands, savannas,

methods and fire modeling to understand current

2019. The post-doc will apply fuels mapping

hiring a fire ecology post-doc to begin December

Science Center in Flagstaff, AZ is

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Science Center, Flagstaff, AZ-Fire Ecology Post-

U.S. Geological Survey Southwest Biological

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questions on western public lands.

research addressing priority management

organizations, to conduct landscape-scale

other land management agencies and

makers at the Bureau of Land Management and

USGS Fort Collins Science Center that will work

program in the Southern Rockies / Southwestern

United States.

Southeast Alaska Network (SEAN) -

Quantitative Ecologist Position
The Southeast Alaska Network (SEAN) supports
Glacier Bay National Park and Preserve, Klondike
Gold Rush National Historical Park, Sitka
National Historical Park, and coastal portions of
Wrangell-St. Elias National Park and Preserve by
conducting long-term monitoring of ecosystem
drivers and indicators of ecosystem condition.

USGS Ecologist (Term)
Term landscape ecologist position with the
USGS Fort Collins Science Center that will work
close with planners, managers, and policy
makers at the Bureau of Land Management and
other land management agencies and
organizations, to conduct landscape-scale
research addressing priority management
questions on western public lands.

Info

U.S. Geological Survey Southwest Biological
Science Center, Flagstaff, AZ-Fire Ecology Post-
Doc The U.S. Geological Survey Southwest
Biological Science Center in Flagstaff, AZ is
hiring a fire ecology post-doc to begin December
2019. The post-doc will apply fuels mapping
methods and fire modeling to understand current
and future fire behavior in grasslands, savannas,
and dry forests of the southwestern U.S. Info

Post-doc in Ecological Land Surface Modeling
University of Wyoming

We are looking for a post-doctoral researcher to
work for two years on a funded DOE project
focused on improving grass/shrub components

Disease ecology, epidemiological modeling, &


Ecologist and Economist Post Doc Positions UM and UNL Seeking two research scientists/postdoctoral scholars at the University of Montana and University of Nebraska-Lincoln, in collaboration with USDA Natural Resources Conservation Service and their Conservation Effects Assessment Project. To apply for either position provide 1) letter of interest, and 2) CV (including references) to both Brady Allred (brady.allred@umontana.edu) and Dirac Twidwell (dirac.twidwell@unl.edu) by December 1, 2019

Rocky Mountain Research Station USDA Forest Service - Outreach Notice
Wildlife and Terrestrial Ecosystems Program - Wildlife Research Ecologist with Quantitative
Skills Location: Albuquerque, NM
Responsibilities: We are seeking a permanent research ecologist with strong statistical and spatial modeling skills to develop a research program in the Southern Rockies / Southwestern United States.

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The Southeast Alaska Network (SEAN) supports Glacier Bay National Park and Preserve, Klondike Gold Rush National Historical Park, Sitka National Historical Park, and coastal portions of Wrangell-St. Elias National Park and Preserve by conducting long-term monitoring of ecosystem drivers and indicators of ecosystem condition.

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Term landscape ecologist position with the USGS Fort Collins Science Center that will work closely with planners, managers, and policy makers at the Bureau of Land Management and other land management agencies and organizations, to conduct landscape-scale research addressing priority management questions on western public lands.

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University of Wyoming

We are looking for a post-doctoral researcher to
work for two years on a funded DOE project
focused on improving grass/shrub components

Disease ecology, epidemiological modeling, &
within land surface models. To apply: Please email a cover letter, your CV, and contact information for three professional references as a single PDF to Kevin Wilcox (kevin.wilcox@uwyo.edu) by Wednesday, Nov 20th for full consideration. Info

**Assistant Professor – Biology Department, Ithaca College** The Biology Department at Ithaca College seeks applicants with expertise in evolutionary biology and ecology for a full-time, non-tenure-eligible appointment as an Assistant Professor for a three-year contract (with the possibility of renewal) beginning August 16, 2020. — The primary responsibility is to coordinate and teach an introductory Ecology and Evolution course, including lectures and laboratory sessions for 140-180 students in the physical therapy and occupational therapy programs. Info

**Post Doctoral Research Associate:** USGS Patuxent Wildlife Research Center is seeking a post-doctoral research associate with interest in survey design and analysis and waterfowl biology. Specific duties will be to conduct statistical analyses of waterfowl survey data in support of a review and re-design of the Waterfowl Breeding Population & Habitat Survey (WBPHS). For further information, contact: John Sauer, jrsauer@usgs.gov, 301-497-5662

**Ph.D. Student Opportunity:** The Deer Laboratory at the Warnell School of Forestry and Natural Resources at University of Georgia is recruiting a Ph.D. student with an interest in using structured decision making to improve wildlife management.