



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

GDPE Weekly Digest

October 28, 2019

UPCOMING GDPE EVENTS



Photo: Izzy Smith

Thurs 11/7 - 12:00 pm Johnson Hall 132 FRSES planning meeting. We will be discussing logos, action points for committee, and of course, eating pizza! Newcomers always welcome :)

Wed 11/13 - 4:00pm LSC North. Resident Distinguished Ecologist Richard Knight: "Can Wildlife Biology Inform Conservation in an Era of Science Skepticism?" (*find other up-coming DE speakers [here](#)*).

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

From your GDPE Admin Team

The GDPE Weekly Digest has a new look!

Thanks to the hard work of our Science Communications Fellow, **Arianna Punzalan**, we have incorporated your suggestions to make information more accessible in the Digest. You will be able to easily navigate to sections of interest each week, including:

- Upcoming GDPE Events
- Important deadlines for both GDPE & the university
- GDPE-specific information
- Other relevant events for Ecology and across campus
- A single point of reference for regularly-provided resources that can help you succeed
- A running list of Grants, Jobs, Postdocs, etc.

Thank you to Arianna and all who have helped make this a useful and informative resource for our GDPE community!



Photo: Izzy Smith

DEADLINES

GDPE

GDPE Deadlines

No deadlines.

Graduate School Deadlines for Fall Graduates

Fri, Nov. 8 - GS24 Report of Final Examination Results & electronic submission of thesis/dissertation

Fri, Dec. 20 - all outstanding issues resolved (e.g. GS25B, GS52, etc.)

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](#).

[Obtaining Signatures](#)

[Degree Deadlines](#)

[Student Forms](#)

[GDPE Grad Student Survey](#)



Upcoming Courses of Interest

We are excited to announce 2 new courses for the Spring 2020 Semester.

(1) AB511- Microbiome of Plant System

Dr. Pankaj Trivedi, MW 9:00 - 10:30 am

More info [here](#).

(2) NR510 - Ecosystem Services: Theory and Practice

Dr. Kelly Jones, M 2:00 - 4:45 pm

More info [here](#).

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:

10/28-10/30: NREL Distinguished Ecologists, Drs. Jerry Melillo and Thomas

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!

Rosswall will be visiting campus October 28-October 30. Dr. Dennis Ojima looking for three volunteers to drive these visiting scientists to and from the airport; all gas will be reimbursed. This is a great opportunity to get to meet these scientists and visit with them outside of their scheduled seminars. For more info contact ShelbyMcClelland.

11/12: Graduate Student Showcase: Celebrate research, creativity and entrepreneurship with us on November 12 at the Graduate Student Showcase! Approximately 300 graduate students from all eight colleges present their work to 200+ judges while competing for \$15K in scholarships during the GradShow.

11/12 - 11/13: Google Earth Engine Workshop, 4pm-7pm. The FWCB Graduate Student Organization will host the Google Earth Engine workshop, led by Dr. David Theobald and Vincent Landau. Snacks and drinks will be provided, but workshop is FULL, to be placed on wait list Contact Nathan Hahn (nhahn@colostate.edu) [Info](#)

11/13: GIS Day: Call for Spatial Stories
GIS Day will be celebrated at Colorado State University on Wednesday, November 13. We are seeking presenters and posters around this year's theme of Spatial Stories, so please use the link above (by October 25) to indicate your interest in contributing. NOTE: Additional details about GIS Day are forthcoming. This is the initial call for involvement. [For more information](#)

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>

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

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](mailto:JessieCharbonneau) 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.



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

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](#).

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

[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](#) - FORECASTING THE CONSEQUENCES, FOR FISH POPULATIONS, OF WATER MANAGEMENT DECISIONS, IN RESPONSE TO ONGOING DROUGHT IN THE COLORADO RIVER BASIN - State and federal agencies will soon begin negotiating water-supply agreements that would govern water supply and storage in the Colorado River basin through 2046. 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 \[cyaackulic@usgs.gov\]\(mailto:cyaackulic@usgs.gov\).](#)

[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



Photo: Izzy Smith

[Doctoral Graduate Position - Invasive Grass Distributions and Niche Modeling](#)

We are seeking a PhD-level graduate student interested in invasive plants, plant ecology, and landscape-scale patterns and processes.capacity. To apply, send the following via email (1) resume, (2) names and contact information of three professional references, (3) undergraduate and graduate university transcripts (unofficial transcripts are sufficient), and (4) letter explaining why you are interested in and qualified for this position to Dr. Cynthia Brown. Review of applications will begin October 15 and will continue until the position is filled. For more information contact Dr. Cini Brown (cynthia.s.brown@colostate.edu).

[Postdoctoral Position](#)

Disease ecology, epidemiological modeling, & ecoimmunology School of Biological Sciences, Washington State University
The Brunner/Crespi Lab is looking for a postdoctoral researcher to work on an NSF-

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.

[Post-doc in Forest Biogeochemistry with Steve Perakis](#) A post-doctoral research support position in forest ecosystem biogeochemistry is available with the US Geological Survey, Forest and Rangeland Ecosystem Science Center, located at Oregon State University. Overall duties include research (75%) and laboratory management (25%). The research component has flexibility to develop biogeochemical studies related to forest productivity, soil fertility, climate change, carbon storage, mineral weathering, disturbance ecology, and the sustainable management of Pacific Northwest forests. The laboratory component includes oversight of daily operations, instruments, supplies, analyses, students and technicians. This is a federal term position at the GS-11 level, renewable for up to 4 years. Please contact Steve Perakis (sperakis@usgs.gov) with questions about the position or Ryan Bui (pacsac1@usgs.gov) with questions about applying. [Info](#) The announcement closes on Nov 7, 2019.

[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. [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.

funded project scaling the stress-induced susceptibility hypothesis to population-level outcomes. The broad goal is to understand how susceptibility (tolerance and resistance) changes through development of wood frog tadpoles, and how this scales up to affect the likelihood and severity of ranavirus epidemics. For more information contact: jesse.brunner@wsu.edu

[Tenure-Track, Assistant or early Associate Professor](#): Cornell University's Department of Ecology and Evolutionary Biology is recruiting in the area of Limnology/Freshwater Biology [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

[ORISE Position](#): The EPA Office of Water is inviting applications for an Oak Ridge Institute of Science and Education National Wetland Condition Assessment Plant Data Research and Support postgraduate research opportunity.

[Researcher](#): The Vidanta Foundation and Wilson Center's Latin American Program are in search for applicants who can conduct research and propose concrete solutions to the range of environmental threats faced by countries of the hemisphere.

[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.

[USGS Permanent Position, Soil Carbon](#): Applications will be accepted starting on Monday, September 9th.

[Undergraduate Academic Advisor](#): The College of Business at Colorado State University invites nominations and applications for an Undergraduate Academic Advisor. This is a 12-month administrative professional position eligible for University benefits.

[2020 Hubbard Fellowship - The Nature Conservatory](#)
Learn more about careers at The Nature

[Postdoctoral Position, Purdue University](#)

[Predator and Deer Population](#)

[Modeling](#) Interested and qualified candidates are invited to apply for a postdoctoral position at Purdue University. We anticipate 1.5 years of postdoctoral support (\$47,500/year plus benefits) from the Indiana Department of Natural Resources and seek applicants interested in leveraging this support with 1.5 additional years of support from an annual competition for Purdue Postdoctoral Scholars in Natural Resources sponsored by our home department. Details of the departmental program and application process (application deadline: 24 October) can be found at <https://ag.purdue.edu/fnr/Pages/positionPostDocs.aspx.Post-Doctoral>

[Post-Doctoral Position:](#) The project will identify and evaluate potential management strategies towards recovery of the Federally Endangered Shenandoah salamander within Shenandoah National Park. Managers at Shenandoah National Park need validated information to better manage the endangered Shenandoah salamander in the face of climate change.

[Director of Conservation Science:](#) The Director of Conservation Science will play a critical leadership role in promoting positive outcomes for nature and people by using an evidence-based, scientific approach to inspire, inform and guide the conservation and policy strategies of the Nature Conservancy's Colorado Chapter.

Conservancy [here](#).



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