UPCOMING GDPE EVENTS

Wed 11/13 - 4:00 pm LSC North. Resident Distinguished Ecologist Richard Knight: "Can Wildlife Biology Inform Conservation in an Era of Science Skepticism?"

Reception to follow at 5:00 pm.
-find other up-coming DE speakers here).

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 :) For more ecology and other CSU events, please see Ecology & CSU events section.

From your GDPE Admin Team

Hi all -

With the near record-breaking weather we endured last week, this is a good time for a bit of history.

In 1859, physicist John Tyndall published results from his experiments on greenhouse gases and is credited for being the first scientist to make the connection between atmospheric variations in carbon dioxide and climate.

But if you have a couple of minutes – click the link below, read this short article about Eunice Foote, and set the record straight.


Thanks to GDPE’s Scott Denning for this history lesson.

DEADLINES

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 website here.

General Registration Deadlines
Find all of the registration deadline details on the CSU Registrar's website here. Obtaining Signatures

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.

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All paperwork: Please drop all paperwork at the GDPE office (Johnson Hall 102), and Dawn will
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.

ECOLOGY & CSU EVENTS

Upcoming:

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

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
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
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.

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.

GRANTS / JOBS

**USGS Ecologist (Term)**
Term landscape ecologist position with the USGS Fort Collins Science Center that will work closely with planners, managers, and policy makers.

**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, 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.
Review of Applications will begin on December

Full Professors will also be considered. Relocation assistance services are provided by the university.

The Brunner/Crespi Lab is looking for a post-doctoral researcher to work on an NSF-funded project focused on improving grass/shrub components 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 Dr. Cynthia Brown (cynthia.s.brown@colostate.edu) by October 15 and will continue until the position is filled. For more information contact Dr. Cynthia Brown.

The U.S. Geological Survey Southwest Biological Science Center, 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 within land surface models. To apply, please email a 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]

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

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 (climate_change@nps.gov) The position will remain open until filled.

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.

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. 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. Cynthia Brown (cynthia.s.brown@colostate.edu).

Postdoctoral Position

Disease ecology, epidemiological modeling, & ecomimmunology School of Biological Sciences, Washington State University

The Brunner/Crespi Lab is looking for a postdoctoral researcher to work on an NSF-funded project focused on invasive grass/shrub components within land surface models with emphasis on invasive plant ecology, and landscape-scale patterns and processes. 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.

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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 cyackulic@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 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 pacac1@usgs.gov with questions about applying. Info The announcement closes on Nov 7, 2019.