



**GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY**

October 21st, 2019

From your GDPE Admin Team

Hi GDPE community -

As noted below, our first Distinguished Ecologist visitor will be here this week. Our **DE Honored Alum** is **Dr. William Smith**. He will present a talk on **October 23 from 4—5 pm** in Lory Student Center, Ballroom A. There will be a reception that follows.

We only have 5 such seminars each academic year and we hope you will make this talk a priority to attend. Given than Bill is a GDPE alum, it particularly important for GDPE students to attend - this could be you one day! (Plus, did we mention that a reception with free food follows?!?!?). Hope to see you all there..

Also, thanks to those of you who attended the Skill Swap a couple weeks ago! This inaugural collaboration with SBME offered students not only the opportunity to learn new skills, but also to network and get to know others who are **using** those skills. SMBE and GDPE are trying to determine what we can do to make this event even better next year. To that end, I am asking that **all of our students** complete a very short (4 questions!) survey. **Please complete this even if you could not attend**. Here is the [link](#). Again, it only take a couple minutes, at most, to complete, but the information we gather can help us tremendously.

Finally, Dr. Dennis Ojima is looking for volunteers to drive NREL Distinguished Ecologists, Drs. Jerry Melillo and Thomas Rosswall, who will be visiting campus Oct. 28 - 30 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 [Shelby McClelland](#).

GDPE

**DE Honored Alum Speaker - Dr. William Smith
October 23 from 4—5 pm**

Lory Student Center, Ballroom A, Reception to Follow
*"Current trends in terrestrial carbon cycling:
Insights from satellite remote sensing, field
observations, and ecosystem process models"*

All paperwork: Now that we have a Program Coordinator, 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



**Distinguished Ecologist - Fall 2019
Dr. William Smith, Honored Alum**
Assistant Professor, School of Natural Resources and the Environment, University of Arizona

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



DEADLINES

GDPE Deadlines

Graduate School Deadlines for Fall Graduates

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

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

Oct. 21 - Last day to withdraw from a course

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

Check back for upcoming courses of interest...

ECOLOGY & CSU EVENTS

New:

GTA positions for Spring 2020 - Deadline Friday, October 25th.

The Department of Biology will be recruiting GTAs for Spring 2020. Please forward this information to graduate students in your department. Application materials are due **Friday of October 25, 2019**.

Students that have previously been GTAs in the Department of Biology and would like to be appointed again for Spring 2020 need only submit the attached GTA application form. Students that have never been GTAs in the Department of Biology will need to provide additional application materials, as outlined on the attached form.

Please inform students in your department that if they are assigned to teach LIFE 102, LIFE 103, BZ105, BZ111, BZ120, BZ310, or BZ311 **they are required to attend an organizational lab meeting scheduled during the week before classes begin**. Donna Weedman, Lab Coordinator for the Department of Biology, will e-mail students the date and time for the course to which they are assigned. **If students cannot attend this meeting, they will forfeit the GTA** [Application Form](#)

Google Earth Engine Workshop - November 12 and 13, 4pm-7pm

The FWCB Graduate Student Organization will host the Google Earth Engine workshop, led by Dr. David Theobald and Vincent Landau. Snacks and dinner will be provided, but space is limited to 30 students,

Contact Nathan Hahn (nhahn@colostate.edu) [Info](#)

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

Invitation to Organize "International Mountain Day" Celebration at CSU - December 11

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

Upcoming:

10/21 - 10/25: NSF's Graduate Research Fellowship Program 2020: Deadlines are October 21-25, 2019 [website](#)

10/23: Mountain Sentinels Virtual Coffee Webinar 9 am

Dr. DeeDee Bennett, University of Albany will discuss SURGE: Increasing Diversity in Disaster Research. Dr. Bennett is PI for the NSF-funded Minority Scholars from Under-Represented Groups in Engineering and the Social Sciences (SURGE). We hope that Virtual Coffee provides a meeting space for reflection and conversation around mountain sustainability issues. <https://mountainsentinels.org/virtual-coffee/> Each Virtual Coffee session will focus on a specific topic and we welcome different peoples' experiences and knowledge input. We hope these conversations will catalyze partnerships, projects, outputs, deeper understanding, and action. [Website](#)
[Register](#)

10/28-10/30: NREL Distinguished Ecologists, Drs. Jerry Melillo and Thomas 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 [Shelby McClelland](#).

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.

11/13: 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)
[Webpage](#) or follow us on: [Facebook](#) and [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. [website](#)

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

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 (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.

[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>.

[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-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 Conservancy [here](#).



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