



May 30, 2023

Happy Tuesday, GDPE!

The end of the academic year marks the transition for several of our faculty and student representatives on the [Executive](#) and [DEI](#) Committees. We are so grateful to those who have served their term and committed their time to strengthen our program. We want to congratulate the new student representatives who will join these committees this fall:

- Executive: Mel Morado and Elizabeth Diaz-Clark
- DEI: Teia Schweizer, Cozette Romero, Liana McIsaac, and Erin Jackson

I'm also happy to share more opportunities for involvement this summer and fall.

Our GDPE [Social Committee](#) is organizing a Summer Sports League - including wiffleball, kanjam, kickball, cornhole, spikeball, and of course sand volleyball. Be sure to fill out this [poll](#) so they can maximize attendance.

We also have a new ECOL592 Course listing for this fall! Alex Siggers and Dr. Mendy Smith will be co-teaching *Multivariate Analyses for Community Ecology* alongside Dr. Stephanie Kivlin from the University of Tennessee - Knoxville (read below for more details). As a reminder, you can learn more about these interdisciplinary seminars on our website [here](#). Registration will be opening soon!

Hope you all enjoy your week!

Josie Otto

GDPE Sci Comm Fellow



GDPE EVENTS & ANNOUNCEMENTS



Scan to access the submission form



GRADUATE DEGREE PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

Call for ECOL 592 Submissions

These unique seminars provide cutting edge ecology topics which are changed and updated each semester. We are currently accepting submissions from students and faculty for the Fall 2023 semester. Previous seminars can be found [here](#) and the submission form can be accessed [here](#). Submissions are accepted up until the first week of the semester.

GDPE Event Calendar

ECOLOGY & CSU EVENTS



Pathways 2023: Human Dimensions of Wildlife Conference and Training

Pathways is an international conference and training program designed to address the myriad issues that arise as people and wildlife struggle to coexist in a sustainable manner. Our team believes that through increasing the professionalism and effectiveness of the Human Dimensions of Wildlife field, we can contribute to the success of the global conservation effort as a whole. The conference will be held **May 31 - June 3** at CSU. [Register here.](#)

Diversify Whitewater Community River Float

A local 501(c)(3) nonprofit organization, [Diversify Whitewater](#) (DW), is holding a free rafting event on the Poudre River on June 10! DW was founded by GDPE student Lily Durkee and they work to share the excitement and beauty of paddling with BIPOC & allies. If you are interested in participating or volunteering, please sign up at [this link](#).

4TH ANNUAL
Diversify Whitewater Community River Float
Northern Colorado

Join us for a fun, inclusive, and *free* whitewater rafting opportunity on the Cache la Poudre River! Participants will ride in rafts and inflatable kayaks with experienced river guides. First-timers are welcome and all gear will be provided for you!

SIGNATURE EVENT
June 10, 2023
9AM - 2PM
Picnic Rock
Bellvue, CO

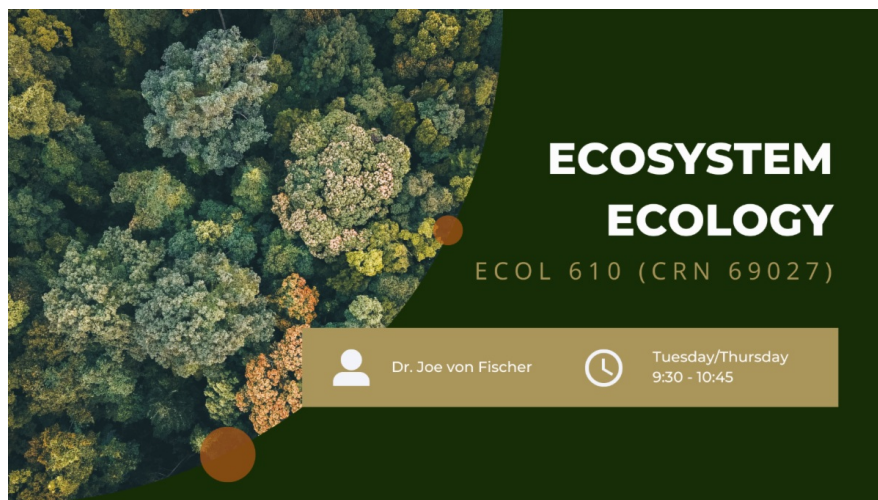
Logos: RIVERBENT, 50th Anniversary, Rocky Mountain Conservation, Chaco

Fall 2023 Courses



JTC 792E Conservation Marketing

Study an emerging field of research and practice with roots in the well-established social marketing framework. This course will cover the social marketing framework in-depth as it applies to helping people to engage in conservation behavior with a special focus on the role of strategic communication. Course will include practical and academic applications of conservation marketing. Students benefit from having any foundation in quantitative social science research methods (e.g., surveys, experiments) or basic statistics before taking this class, though it is not required. Unique potential opportunity this fall: The class or select students may collaborate with nene.org to research and develop conservation marketing approaches to help protect nēnē in Hawai'i. Sample syllabus: <https://col.st/CMj0p>.



ECOL 610 Ecosystem Ecology

Concepts, methods, issues in ecosystem science: energy and matter cycling; systems perspectives, simulation modeling, sustainability, global change.



BZ 560 Teaching and Communicating Science

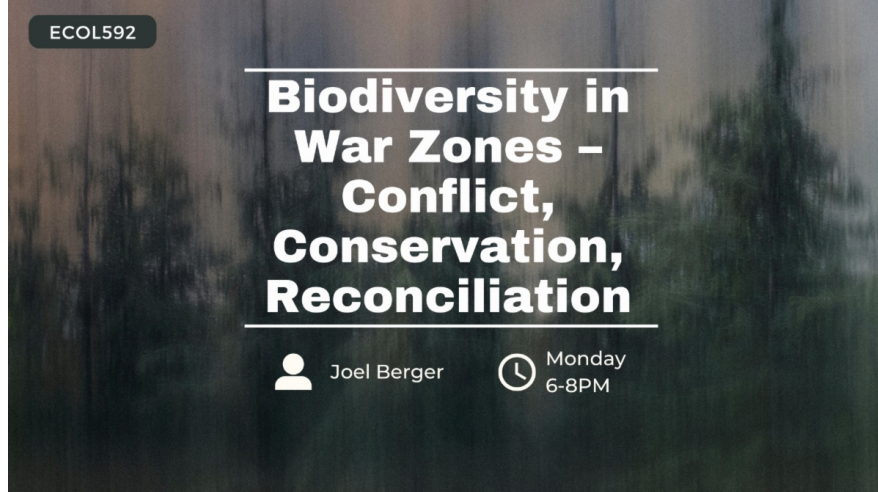
Nature of science, scientific reasoning, scientific argumentation, communication theories, and instructional strategies are explored. Develop science argumentation and communication skills in undergraduate courses and in informal settings. Create materials for a professional portfolio.



ECOL 592 Urban Ecology - Registration opening soon!

In this course, students will learn the history of urban ecology and how it has become the discipline it is today, build an understanding of urban ecosystems, consider human perceptions and interactions with urban ecosystems, identify management challenges within these systems, visit local green spaces that are managed by the City of Fort Collins Natural Areas Department, and discuss current literature on research conducted in an urban ecology setting.

Students will be evaluated on their participation in discussion and engagement with the material. There will be no assignments. However, the instructors will evaluate student performance based on participation in discussions and engagement with guest lecturers.



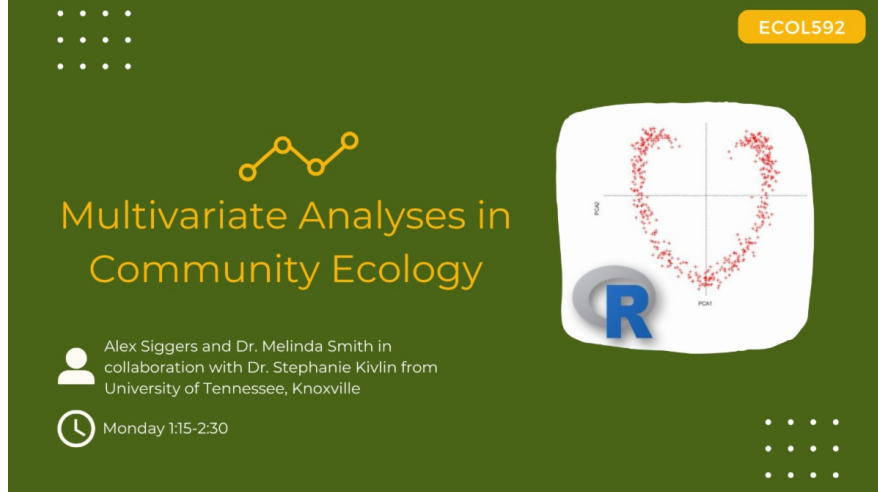
ECOL 592 Biodiversity in War Zones - Conflict, Conservation, Reconciliation - Registration opening soon!

This seminar will address three key questions: 1) Why do militarized border zones harbor extraordinary species diversity? 2) What lessons emanate from understanding risk in non-human communities? 3) How do scientists capitalize on acquired knowledge from refuge precincts to accomplish real conservation? We will assess how & why ecological communities flourish and fail when safety and danger persist. Animal models reveal we are not unique. The focus is to be international and national, and on to whom this matters. Grading will be based on two primary factors: a) a student led discussion based on assigned readings with other class attendees, and b) participation in class by all students reflected by understanding and questions about the assigned readings.



ECOL 592 Migrant Ecology and Conservation - Registration opening soon!

In this course we will review classic and modern papers in the field of migration ecology and conservation. Students will become familiar in the tools and methods available for studying migratory birds, the ways in which birds have been used as model systems in ecology and evolution, and the current challenges that birds are facing. Students will be assessed based on participation in discussions. They will also be assigned one or two weeks to lead the discussion and will be assessed based on their presentation and leadership.



ECOL 592 Multivariate Analyses in Community Ecology - Registration opening soon!

Analyzing ecological community data is tough. The good news is that many statistical approaches can be applied across scales- from bacteria to elephants! This course will examine common multivariate statistical approaches through a community ecology lens. We will incorporate Legendre's Numerical Ecology with case studies in R software. A few topics include: variance partitioning, spatial and temporal autocorrelation, principle component analysis, and phylogenetic covariance analyses. The course will be co-taught by instructors at CSU and University of Tennessee, Knoxville.

Let us know about your recent publications!

We are trying to highlight the great and diverse science that our faculty and students are doing. If you have recently published an article, please fill out the form linked below and our Sci Comm Fellow, [Josie Otto](#), will add you to our new Recent Publications section above. We can also feature your work on our website!

Please note that inclusion of events and publications in the Digest is not an endorsement by GDPE

[Share your Recent Publication or Research Highlight](#)

We want your feedback! Do you have comments or suggestions about how your GDPE experience can improve? Let us know! Contact your ExCom Student Representatives, [Mel Morado](#) and [Erin Weingarten](#) to provide your feedback.

Stay in touch by tagging GDPE in your posts and photos on Twitter (@CSU_Ecology) and Instagram (@CSU_GDPE). Use hashtags #GDPE and #CSU_Ecology. We'd be happy to help highlight your research!

GDPE Social Listserv - Please make sure to sign up [here](#) for the GDPE Social Listserv to keep up with all the fun events we have planned this year!

GDPE Slack Channel - Join our GPDE Slack channel [here](#).

GPDE Student Teams Channel - Join our Teams Channel [here](#).

[Submit Photos](#)

We want your photos! What are you up to, how is your field and lab work? Share them with us here.



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COLORADO STATE UNIVERSITY



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