



GDPE Weekly Digest



June 28th, 2021

WHAT ARE YOU UP TO THIS SUMMER?

With the Pandemic keeping us apart this spring we did not get the chance to find out in person what our fellow graduate students might be up to this summer. In a summer series to catch up on lost time we present another highlight:

Jemma Fadum



Jemma Fadum is a PhD candidate in Dr. Ed Hall's lab. This summer she completed her field work in Honduras and is now analyzing lake microbial DNA/RNA samples to understand nutrient transformation pathways. Her research is concentrated on long-term (40 years) nutrient cycles in Lake Yojoa in Honduras. This research is helping to fill a research gap of tropical lake nutrient cycles, nutrient limitations, and mechanisms behind nutrient dynamics. Additionally, she will be analyzing the

effects of hurricanes on nutrient dynamics in monomictic tropical lakes as tropical storms are predicted to become more frequent with time.

GDPE EVENTS & ANNOUNCEMENTS

M.S. Ecology Defense Seminar **Natalie Schmer**

Analyzing longitudinal patterns of river metabolism in five distinct rivers

THURSDAY, JULY 1, 2021
10:00 AM (MDT)

[Zoom Link](#)

Analyzing longitudinal patterns of river metabolism in five distinct rivers



Natalie Schmer
M.S. Ecology Defense
Thursday, July 1, 2021
10:00 AM MDT

Advisor: Dr. Matthew Ross

Committee: Dr. Tim Covino and Dr. Kelly Wrighton

Zoom: <https://zoom.us/join/zoom/register?tcpf=5spkoGdGGdAyHtz3duV8SDV-sMX>



DEADLINES

GDPE Deadlines

none currently

Other Deadlines

July 9 (by 4:30 pm MT)

- GS24 Report of Final Examination on RAMweb
- GS30 Thesis/Dissertation submission form on RAMweb
- Last day to submit Electronic Thesis or Dissertation (ETD) in ProQuest and Required Forms

Find all of the deadline details on the CSU Graduate School's website [here](#).

Find all of the registration details on the CSU Registrar's website [here](#).

COURSES

ECOL Course Information

ECOL 592 001 – A Primer of Community Composition Analysis

CRN 71540 – 1 Credit Fall 2021 Taught by Dr. Melinda Smith and Kate Wilkins Wednesdays 3:30-5:00 starting Sept. 1

ECOL 592 002 - Movement Ecology and Analysis of Tracking Data

CRN 60075 - 1 Credit Fall 2021 Taught by Dr. George Wittemyer, Nathan Hahn, Hanna McCaslin Wednesdays 11:00 - 12:00 pm starting September 8

We are looking for more ECOL592 sections for this fall. Please check out examples [here](#) and then propose your own section [here](#)!

Other Fall 2021 Courses of Interest

BZ 525 Advanced Conservation and Evolutionary Genomics - Chris Funk and Kristen Ruegg will be teaching. This is a relatively new course, and should be great.

BZ 526/BSPM 526 Evolutionary Ecology - Cameron Ghalambor and John McKay. This course is on the Fundamentals list!

Send us your photos! Now more than ever, it's important for us to keep in touch. Send us your photos of your WFH desk, from the field, or just photos of you relaxing and enjoying summer!

[Submit Photos](#)

All paperwork: Please email forms to Dawn at ecology@colostate.edu to 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 ExCom Student Representatives, [Katie Rocci](#) and [Dani Lin Hunter](#) 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'd be happy to help highlight your research!

[General Student Resources](#)
[COVID Resources for Grad Students](#)
[CSU COVID Recovery Resources](#)

GRANTS & JOBS

Assistant Unit Leader South Carolina Wildlife Coop

Application Due Date: July 28 2021

Research Ecologist/Wildlife Biologist (Assistant Unit Leader) within the South Carolina Cooperative Fish & Wildlife Research Unit. More information [here](#).

Natural Resource Conservation Field Technician

Application Due Date: Open until filled

The Mosquito Range Heritage Initiative is an Alma, Colorado based non-profit organization committed to conserving and enhancing our cultural, recreational and natural resources in the high country of the Mosquito Range. We identify, monitor and map the locations of rare plants in the Mosquito Range utilizing GPS technology. In addition to identifying the location of the plants, nearby hiking and mountain biking trails and 4X4/ATV roads, mining claims, historic sites, and private property may also be identified. We utilize results to develop and implement conservation plans to protect rare plant communities through conservation trail work by volunteers in coordination with USFS trail crews. We will also educate community residents and visitors on our rare alpine plants and methods to preserve and protect them. More information [here](#).

Postdoctoral Researcher in Quantitative Ecology

Application Due Date: Open until filled

The University of Minnesota seeks a quantitative ecologist to fill a postdoctoral position in [Dr. John Fieberg](#)'s lab. The successful candidate will contribute to and provide leadership on one or more funded projects focused on the development and implementation of quantitative methods for modeling animal movements and species distributions. More information [here](#).

Post Doc - Wildlife Population Modeling, Purdue University

Application Due Date: Open until filled

The successful applicant will be mentored by Rob Swihart and have access to a wealth of population-level data on wildlife collected in three regional management units as part of a large multi-year project funded by the Indiana Department of Natural Resources Division of Fish and Wildlife. The state seeks improved estimates of deer, coyote, and bobcat abundance to inform management decisions that incorporate biological, ecological, and sociological factors. More information [here](#).

Climate change Research Assistant position with the National Park Service

Application Due Date: Open until filled

The Climate Change Response Program (CCRP) works across the breadth of the National Park Service (NPS) to help the NPS understand and manage the effects of a changing climate on natural and cultural resources, infrastructure, and operations. CCRP is currently seeking a qualified research assistant to join the team and help advance on-the-ground adaptations to protect parks and support visitor experience and enjoyment for present and future

generations. More information [here](#).

Quant Ecologist Post Doc Position

Review of applications will begin 23 June 2021

Postdoctoral researcher position: Improving management and surveillance decisions related to white nose syndrome by accounting for imperfect detection and misclassification error
Massachusetts Cooperative Fish and Wildlife Research Unit (MA Coop Unit)
University of Massachusetts, Department of Environmental Conservation, Amherst, MA More information [here](#).

[Submit Job Announcement](#)



GRADUATE DEGREE
PROGRAM IN ECOLOGY
COLORADO STATE UNIVERSITY

