

ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER

SUMMER ISSUE!

RESEARCH SPOTLIGHT!:

WILLIAM SZROMBA W/

“DISENTANGLING DRIVERS OF METACOMMUNITY
STRUCTURE FOR SMALL MAMMALS
THROUGHOUT PARAGUAY”

Check out ENV Student William Szromba’s recent research publication on the different orders of small rodents and the way their communities are affected by various bioclimatic factors in Paraguay in [DePaul](#)



ENV MS Thesis Defense:

Elene Drosos

“Impacts of air quality on native plants in Chicago”



Join us Friday, August 9
9:30 AM – 10:30 AM
McGowan South 204

CHECK OUT THESE UPCOMING CLASSES IN THE FALL!

ENV 222 - FOOD JUSTICE IN BLACK COMMUNITIES

This course begins with the basic premise that all people, at all times, have a right to nutritious foods that meets their dietary needs for an active and healthy life. Achieving global food security not only calls for addressing food availability and accessibility, but a close examination of the racial inequalities that impacts the ways in which food is produced, distributed, and consumed. In this course, we will address topics in human rights, equity, food apartheid, environmental issues, food policies, colonization, local food production, and activism. Specifically, we will address questions including, but not limited to, how certain groups of people have experienced the effects of lack of fresh foods more than others and how African and African diasporic populations have organized to demand environmental justice in their food systems.

ENV 390 - AQUATIC FAUNA OF NORTHEASTERN ILLINOIS

DePaul's Environmental Science Department is offering a specialty ENV 390 – Special Topics class called Aquatic Fauna of Northeastern Illinois. Students will learn about stream, river, pond and lake ecosystems, identification of fish, aquatic macro-invertebrates and freshwater mussels found in the Chicago region. Additionally, there will be a lecture on environmental careers. Look forward to three Saturday field trips, 2 to local high-quality streams with special permission and one to the only aquatic research center in Illinois. Learn how to collect aquatic fauna using various standardized techniques used by professionals.

THREE JOBS LISTINGS FROM THE MORTON ARBORITUM!

RESEARCH ASSISTANT II, URBAN DROUGHT- FULL-TIME

Position Summary: Coordinate laboratory, field, and/or office operations for research programs in the Center for Tree Science, a global hub of research and expertise focused on trees. Participate in and lead research projects by performing assigned research experiments and activities, and managing necessary equipment and supplies. Learn more [HERE](#)

HERBARIUM INTERN

Position Summary: Assist in laboratory and/or field operations at the Arboretum under close supervision of an Arboretum scientist. Specific responsibilities will vary with each research program. Research programs include soil science, root biology, plant health care, plant systematics, forest ecology, and conservation biology. \$20/hr
Learn more [HERE](#)

RESEARCH TECHNICIAN FELLOWSHIP - TEMPORARY

Position Summary: The Research Technician Fellowship is intended to welcome undergraduate + high school students who are interested in learning about tree science. No experience is necessary. Fellows will be mentored and trained as they assist in laboratory and/or field operations under close supervision. 3 different projects to work on!
Learn more [HERE](#)

JOBS, HIGHER ED, AND MORE!

CHICAGO BOTANIC GARDEN - NATIVE SEED NURSERY TECHNICIAN

Position Overview: This 2/yr term position, beginning after July 2024, will be responsible for working with members of Garden's natural areas, seed bank, + plant production staff, as well as with collaborators at the Forest Preserves of Cook County (FPCC), to support the native seed nursery manager in developing and growing a seed amplification program to meet the growing need for native seeds.

FULLY FUNDED MS AT THE UNIVERSITY OF WYOMING

Position Overview: We are seeking candidates for a fully-funded master of science (MS) position to develop a project related to the impact of coal char on soil and soil microbial communities in shortgrass prairie restoration and agriculture. Potential projects include characterization of the soil microbial communities, interaction of the coal char with nutrient additions and the impact of coal char on soil and plant communities more broadly. The student can focus on restoration or agriculture only if desired, or examine both systems.

To Apply Please Send: (applications due October 31st, 2024)

- 1) a cover letter summarizing research interests and experience + CV
- 2) a copy of your latest academic transcript, and
- 3) the names and contact information for three relevant professional references to Dr. Jennifer Bell at the University of Wyoming (jbell3@uwyo.edu).