DIBS HOPES YOU HAD A GREAT FIRST WEEK OF CLASS!

IMPORTANT DATES:

FRIDAY, JANUARY 12
DEADLINE TO ADD CLASSES TO WQ2024 SCHEDULE

MONDAY, JANUARY 15
MARTIN LUTHER KING DAY - UNIVERSITY OFFICIALLY CLOSED

FRIDAY, JANUARY 19
LAST DAY TO DROP WQ2024 CLASSES WITH NO PENALTY

ENV STUDENT HANDBOOK

ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER
Dr. Ocloo specializes in social-ecological systems in agricultural landscapes, particularly the intersection of where environmental and social factors affects food systems in Black communities in the United States and in Africa. Featured today are two publications from Dr. Ocloo herself where these topics are center stage!

**Trends in Agroforestry Research over four Decades** showcases the meta-analysis of literature on agroforestry from 1980 to 2020, focusing on “4 key themes of the social dimensions of agroforestry transitions: (1) agreements and policies; (2) scales and decision-making agents; (3) knowledge, culture, and equity; and (4) frameworks and methods” and their frequency of appearance. This fascinating report came to a few conclusions like “how the framing and focus of agroforestry research has shifted from conservation and development toward biodiversity and climate change” and while the scale of agroforestry projects has increased the social issues surrounding have not been increasing in the same way.

**Mapping current and future habitat suitability of Azolla spp., a biofertilizer for small-scale rice farming in Africa** is a look into using a type of aquatic fern (Azolla spp.) to grow alongside rice plants on African farms. Azolla provides the rice plants with a ton of different benefits like nitrogen fixation, nutrient regulation, etc. and is currently seen already in rice fields in Asia. They “synthesized 189 field and greenhouse studies from around the world that quantified temperature-dependent growth of A. pinnata and A. filiculoides and developed present and future climate suitability maps at the continental scale” and concluded that using these maps showing suitability of Azolla in Africa “would get us closer to understanding how to build a more sustainable world by understanding key interactions between humanity and nature”
Hi Everyone!

My name is Ty Ferguson, and I am the new ENV Administrative Assistant! I wanted to take advantage of this Staff Spotlight and introduce myself to everyone far and wide across the department. Some quick facts about me are that I graduated from Loyola University with degrees in Environmental Science and Studies (I also minored in Anthropology because I found it wildly interesting). In school I dipped my toes in a variety of different areas of environmentalism. I spent time in a biodiesel lab working on converting used vegetable oil into useable fuel and a ton of different products like soap! But I would say my main interest was in the world of urban agriculture.

So much so that after graduation I worked for The Talking Farm close by in Skokie, IL where I was their Farmer’s Market Coordinator. I had such a great time working on the farm and getting the chance to lead interns and connect with the broader Chicagoland community with our produce! I still love urban ag but am beyond excited to be here at DePaul. The ENV department, students, and faculty/staff are so innovative and fantastic that I cannot wait to get to work.

You’ll find me in McGowan South 203 with my door (and email) always open if anyone has any questions! I will also be taking over the newsletter so if you have any stories or events or anything you want showcased don’t be afraid to send it to me!

I am so stoked to be here and will get to know everyone very soon as classes start next week! Now, enjoy a little photo collage of my life.

-Ty Ferguson
**2024 ILLINOIS LSAMP CONFERENCE**

Are you a STEM undergraduate student who is African American, Hispanic American, American Indian, Alaska Native, Native Hawaiian, and/or Native Pacific Islander? Are you or do you want to be involved in research? Do you want to learn how to overcome barriers to succeed in STEM? Do you want to know different career paths for STEM majors? If so, the 2024 Illinois LSAMP Symposium is for you!

Registration is now open for the 2024 Illinois LSAMP Symposium on February 23 – 24, 2024 at the Hyatt Regency Schaumburg, IL.

**By 5 pm on Friday, February 2, 2024** please let qshelby@depaul.edu know if you want to attend and/or give a presentation at the symposium so that SHE can reserve your hotel room.

In order to register you, SHE will need the following information:
- First Name
- Last Name
- Email address
- Phone number
- Age
- Dietary Restriction (Vegan, Vegetarian, Gluten-Free, Dairy Free, Other)
- Plan to stay at the hotel (Yes/No)

The deadline to submit your presentation abstract is 5 pm on Monday, February 5, 2024. A FAQs sheet, abstract details, and poster guideline (if you are giving a presentation) are attached.

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**2023 EXCELLENCE IN RESEARCH AWARDS COLLOQUIUM**

We are excited to present the colloquium of our 2023 Excellence in Research Awards! Please join us in-person or via Zoom to celebrate the recipients and learn about their research:

- **Tuesday, January 23, 2024, 12pm-1:50pm**
- Arts & Letters Hall 103 and Zoom: https://depaul.zoom.us/j/92061289095

RSVP by January 16th (Lunch will be provided)

Dr. Susan D. McMahon, Psychology
Understanding and Addressing Educator-Directed Violence through National Research, Collaboration, and Policy

Dr. Kyle A. Grice, Chemistry and Biochemistry
Tackling Climate Change with Chemistry – CO2 Reduction Research at DePaul

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CSH EXCELLENCE IN RESEARCH AWARDS COLLOQUIUM

January 23, 2024
12p-1:50p
Arts & Letters Hall 103 and Zoom: https://depaul.zoom.us/j/92061289095

RSVP by January 16th!
Lunch will be provided
The Holistic Wellness Development Program

Introducing our exciting Holistic Wellness Development Program - for students interested in improving their personal well-being through the 8 Dimensions of Wellness: intellectual, occupational, financial, environmental, physical, emotional, spiritual, and social!

Here’s how it works:

Through participating in this program, students will meet with the Office of Health Promotion & Wellness Clinical Intern, remotely or in-person, to set goals, share resources, support progress, and reflect on their mental health and well-being.

Please scan the QR Code to schedule a meeting!

Scan the QR code or click the link HERE

THE MORTON ARBORETUM - SUMMER REU PROGRAM

The Center for Tree Science Research Experiences for Undergraduates (REU) program is now accepting applications for summer 2024. The program includes a $6,250 stipend, covers housing and travel expenses, and runs from May 28 to August 2, 2024. The program uses trees as model systems to investigate questions related to evolution, ecology, conservation, and management in natural and built environments.

APPLICATIONS ARE DUE FEBRUARY 2, 2024 (11:59 PM ET).

-APPLY NOW-

SUMMER UNDERGRAD INTERN - CHICAGO BOTANIC GARDEN

We provide budding scientists opportunities to participate in all stages of research and build science communication skills to grow personally and professionally.

Participants will be trained in all stages of research, from hypothesis formulation through experimental design, data collection, analysis, and ultimately presentation of results through a public poster and video symposium. The program encourages interns to participate in a near-peer mentoring network which includes high schoolers to Ph.D. level scientists. Additionally, there may be opportunities to present at national scientific meetings or publish findings in peer-reviewed journals.

Learn more HERE

APPLICATIONS ARE DUE FEBRUARY 9, 2024

DEPAUL ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER

JANUARY 2024 ISSUE NO. 45 PAGE 5
GARDEN CLUB OF AMERICA SCHOLARSHIPS

The Garden Club of America is a nonprofit national organization composed of 199 member garden clubs with almost 18,000 club members who devote energy and expertise to projects in their communities and across the United States. Founded in 1913, the GCA is a leader in horticulture, conservation, creative arts, historic preservation, and environmental protection.

The purpose of The Garden Club of America is to stimulate the knowledge and love of gardening, to share the advantages of association by means of educational meetings, conferences, correspondence, and publications, and to restore, improve, and protect the quality of the environment through educational programs and action in the fields of conservation and civic improvement.

You can find specific scholarships for a variety of different subject areas! Both graduate and undergraduate opportunities available.

Learn more HERE

FELLOWSHIP & INTERNSHIP POSITION
- CITIZENS’ CLIMATE LOBBY

CCL is a national nonprofit organization that builds grassroots support for climate legislation.

We are currently recruiting students and recent graduates to join our team as interns or fellows. We have opportunities with a variety of different departments that may appeal to students across many disciplines. These experiences provide valuable work experience, networking opportunities, and may include academic or financial benefits.

Learn more HERE

-APPLICATION DEADLINE FEBRUARY 15, 2024-

GREEN FILM CONTEST SEEKS SUBMISSIONS!

SUBMIT YOUR ENTRY BY JUNE 25, 2024

The One Earth Young Filmmakers Contest (nonprofit) is free for students to enter, and prizes go up to $1,000 in scholarships, plus matching gifts. The contest started in Oak Park but is now international. Students from universities all over Chicago have won in the past including DePaul!

Anyone ages 8-25 can enter the contest to create a short environmental film that inspires change and action. Learn more about this great opportunity At: https://www.oneearthfilmfest.org/contest-details
GIS INTERN - CLARKE

Are you passionate about GIS and desire to make a difference in your community? Clarke, a company committed to sustainable solutions for mosquito management, is seeking a dynamic GIS Intern to join our team!

Flexible position located in Roselle, IL. $18-20/hr, M-F, 6 month position with possible extension. FEBRUARY START DATE!
Shared by a previous DePaul Alum!

Learn more HERE

PAID SUMMER INTERNSHIP - PURDUE

The Rosen Center for Advanced Computing (RCAC) CI-STEP student program is seeking students for our Anvil Summer ‘24 Research Experiences for Undergraduates (REU) paid internship program. This program aims to develop the next-generation workforce in advanced computing and cyberinfrastructure technologies.

Four different internship projects offered for the Summer of 2024 where you’ll work on a team and stay on site in West Lafayette.

Any major or background encouraged to apply!

Learn more HERE

COMMUNITY STEWARDSHIP PROGRAM – THE NATURE CONSERVANCY

This role would be working directly with the CSP Manager to support the volunteer stewards that care for park district natural areas and the more than 4000 volunteers that attend workdays every year. The work is varied and involves; ensuring volunteers have necessary supplies, helping facilitate workdays, engaging with the public, battling invasive species, and everything in between. In short, this person is both a behind the scenes wizard ensuring smooth operations and an ambassador for Chicago’s natural areas and the communities and people that care for them.

This is a part-time (20 hours/week), permanent position at $21.68/hr. It will be another shared role between TNC and the Chicago Park District and reports to the CSP Manager. The application closes on January 19, 2024 at 11:59 PM EST.

Learn more HERE
OPENLANDS ARBORIST REGISTERED APPRENTICESHIP PROGRAM

The Arborist Registered Apprenticeship is a 3-year training program administered by Openlands in partnership with the Department of Labor and Tree Care Companies across the Chicago region. The Apprenticeship coordinates with the industry to improve recruitment and retention and create a path to welcome more diverse and experienced applicants.

At the same time, the program introduces participating apprentices to a diverse array of career opportunities in Arboriculture and Urban Forestry, all while being paid, gaining credentials, and professional training by certified arborists in the field.

Learn more HERE

MS PROGRAM - PURDUE UNIVERSITY FORT WAYNE

The Department of Biological Sciences at Purdue University Fort Wayne is accepting applications for Fall 2024 admission to our Master of Science degree program. Faculty within the department teach courses and conduct research in areas of population and community ecology, organismal physiology, cellular biology, genetics, and molecular biology.

A limited number of teaching assistantship positions (TAs) are available from the department. TAs receive a stipend (~$14,069/academic year) and a significant tuition reduction. These positions are awarded on a competitive basis, thus acceptance into the program does not guarantee receipt of a TA position.

Fall 2024 admission and consideration for a TA position application deadline is February 15, 2024. Start your application at https://gradapply.purdue.edu

Learn more HERE

MASTER'S STUDENT RESEARCH ASSISTANT - CALIFORNIA STATE UNIVERSITY, MONTEREY BAY

Are you passionate about environmental science, microbiology, molecular methods and looking to make a significant impact?

Join the research team at California State University, Monterey Bay (CSUMB) and contribute to the critical field of microbial bioremediation. We are seeking an enthusiastic and highly-motivated individual to fill a funded Master's Graduate Student Research Assistant position who would play a key role in our project focused on the bioremediation of pesticides using bacteria and support ongoing work on the implementation and development of pesticide-remediating bioreactors for local agricultural lands.

Interested candidates should first submit the following materials to Dr. Nate Jue - njue@csumb.edu: Cover Letter & Resume/CV, Transcripts, & Contact information for two academic or professional references.

Application Deadline: February 1, 2024