

ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER



DIBS LOVES TO CHEER! GO DIBS!

IMPORTANT DATES:

FRIDAY, JANUARY 19

LAST DAY TO DROP WQ2024 CLASSES
WITH NO PENALTY

ENV STUDENT HANDBOOK

Loyola Climate Change Conference

Loyola University Chicago's 2024 Climate Change Conference will convene experts from multiple disciplines to explore strategies for developing equitable, resilient, and sustainable food systems. The conference will include a keynote presentation, panel discussions, a poster session, and an exhibitor hall.

Conference registration is now open. All activities will take place in person on Loyola's Lake Shore Campus in Chicago. There will be a streaming option for the Thursday keynote presentation only. Register [here](#).



SCHOOL of
ENVIRONMENTAL
SUSTAINABILITY

SES NEWS

CLIMATE CHANGE CONFERENCE

Feeding a Changing World:
Climate Change and Global Food Systems

MARCH 14–15, 2024



EXCITING NEW COURSES FOR SPRING QUARTER!

ENV 390: ENVIRONMENTAL RACISM

Coming next quarter is ENV 390: Environmental Racism taught by Dr. Ocloo and cross-listed with DePaul's department of African and Black Diaspora Studies!

"Low-income communities of color have historically been disproportionately exposed to fumes, toxic waste, and contamination. As a result, they have faced an increased risk of health problems such as cancer, respiratory illnesses, and shorter life expectancy. In this course, we will explore the multidisciplinary theoretical frameworks of environmental racism and trace the uneven distribution of environmental hazards across communities of color. This course will have a strong focus on the experiences of people of African descent. Using a broad range of historical and current case studies, we will analyze how environmental problems exacerbate social inequality and the impacts of failed government responses following an environmental crisis. In addition, we will also survey environmental racism as a global phenomenon by investigating diverse topics such as the impacts of climate change and the illegal exportation of plastic waste to the Global South. Lastly, we will explore the emergence of the environmental justice movement and how it's seeking to protect all people from environmental hazards"

DEPAUL
UNIVERSITY

COLLEGE OF SCIENCE AND HEALTH



DEPAUL
UNIVERSITY

COLLEGE OF LIBERAL ARTS
AND SOCIAL SCIENCES

Department of Political Science



EXCITING NEW COURSES FOR SPRING QUARTER!

HLTH 346: ENVIRONMENTAL OUTREACH THROUGH EXPERIMENTAL LEARNING

In this exciting new Experiential Learning Course you will mentor high school students in a social justice orientated scientific experiments in environmental health.

All majors welcome!

Contact Professor Lippert for more info: jlipper1@depaul.edu

HLTH 346: Environmental Outreach through Experiential Learning
Spring Quarter 2024 ❖ Hybrid ❖ Experiential Learning Credit ❖ Professor Julia Lippert

Interested in the intersection between Health and the Environment?
As much as 1/3rd of the global disease burden can be attributed to environmental factors.

Want to participate in a service-learning course?
Environmental justice action has resulted in major policy changes in Chicago. In this course, you will facilitate these movements through educational outreach.

If you want to learn more about how to use science to make sustained change, consider *****HLTH 346: Environmental Outreach through Experiential Learning*****

You will mentor high school students in a social justice orientated scientific experiments in environmental health. This is an approved Experiential Learning Course. You will be working with high schools across the city and expected to travel and to complete 25 hours of service throughout the quarter. There will be 5 in person meetings (Thursdays 1-2:30pm) and additional online content. All majors are welcomed!

Students speaking Spanish and graduates from Chicago Public Schools are encouraged to register.
Contact Professor Lippert for more information: jlipper1@depaul.edu.



RESEARCH ABROAD

SPAIN: RESEARCH EXPERIENCE - FROM ATOMS TO ECOSYSTEMS, SCIENCE IS GLOBAL

SQ24 AT DEPAUL, APPROX. JULY 5-22 IN SPAIN



Students will enroll in SQ2024 courses in Chemistry or Biology here at DePaul. During these courses, students will prepare and learn about the skills and instrumentation they will need for the program. In the summer they travel for 2 weeks to Cadiz, Spain to perform research in Biology and/or Chemistry. Students will stay at University of Cadiz residence halls and have a chance to visit sites in the city and nearby. This is a research-intensive experience. Students must apply through the study abroad program website by the due date (Feb 1st). There will be a fee for the program that is comparable to similar "short course" programs. **Travel dates subject to change, but will be in July 2024.**

BIOLOGY RESEARCH



BIO 388 AND BIO 389: BIOLOGY RESEARCH (8 CREDITS TOTAL IN SQ2024)

Students will work with Dr. Bystriansky to learn about how marine and estuarine organisms are adapted to their environment. As part of BIO 389 (Research in Field Biology), students will develop and plan a novel research project to be conducted during their time in Cadiz. Students will learn how to collect and analyze data and present their findings in both written and oral formats. During Bio 388 (Research Methods in Biology) students will learn methods used by professional biologists. Including an analysis of all methods related to the student projects chosen for Bio 389. All majors are accepted, but students are expected to have a strong interest in biology research and have taken general biology and/or other biology courses.

CHEMISTRY RESEARCH



CHE 397 AND CHE 399: CHEMISTRY RESEARCH (8 CREDITS TOTAL IN SQ2024)

Students will work with Dr. Grice to learn about and plan a chemistry project to do at Cadiz. They will plan a research project as a group and prepare during SQ2024. They will travel to Cadiz in the summer to carry out the research in the laboratories. Upon returning to DePaul, students will write up a final report. Students can fulfill their JVEL credit through this program. All majors are accepted, but students are expected to have taken some chemistry. Areas of research include inorganic and organometallic chemistry, catalysis, electrochemical methods and analytical chemistry, or whatever you are interested in! Interdisciplinary projects are also encouraged. Students drive the development of projects!

Contact Dr. Bystriansky (jbystria@depaul.edu) for info on the BIO track
Contact Dr. Grice (kgrice1@depaul.edu) for info on the CHE track

Infosessions: Tu Jan 23 at 4 pm & Th Jan 25 at Noon
Location: McGowan South 414
Apply by Feb 1st!

SPAIN STUDY ABROAD PROGRAM

Upcoming for SQ24 is the Spain: Research Experience - From Atoms To Ecosystems study abroad program!

For info on the BIO track contact Dr. Bystriansky (jbystria@depaul.edu)

For info on the CHEM track contact Dr. Grice (kgrice1@depaul.edu)

Apply by **Feb 1st!**

Info sessions: Tu Jan 23 @ 4 pm & Th Jan 25 @ 12/Noon

McGowan South 414

UPCOMING CAMPUS EVENTS AND OPPORTUNITIES!

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.

FAIR TRADE CLUB: CLOTHING SWAP DONATIONS

JAN 22 4-7 DSC



ENGIE - SOLAR PROJECT DEVELOPMENT INTERNSHIP

The Project Development Intern will support site origination and development of distributed solar and solar + Storage projects for ENGIE Distributed Solar and Storage (DSS) business in the United States.

Shared by a current intern!

For Juniors and Seniors, based in Chicago with \$21-\$34 hourly

Learn more [HERE](#)

THE CENTER for TREE SCIENCE

The Morton Arboretum | THE CHAMPION of TREES

Research Experiences for Undergraduates (REU)
Integrated Tree Science for the Anthropocene
Summer 2024



Experience careers that explore solutions for climate change, biodiversity loss, natural resources management, and urban life at one of the nation's only research centers focused on trees.

CONDUCT RESEARCH IN TREE SCIENCE

- Discover new career opportunities.
- Learn from a PhD-level mentor and become incorporated into a working scientific lab group.
- Gain scientific experience and skills you can use anywhere.
- Choose from field, lab, and computer-focused internships.

RESEARCH AREAS

- Evolutionary biology
- Ecosystems ecology
- Conservation biology
- Horticulture science
- Plant health care and development
- Botany/plant biology

TEN-WEEK RESEARCH PROGRAM INCLUDES:

- \$6,250 stipend funded by the National Science Foundation.
- Housing, research supplies, and travel.
- Workshops in science communication and professional development.

LOCATION
The Morton Arboretum
4100 Illinois Route 53, Lisle, Illinois
25 miles west of Chicago, Illinois



DATES AND APPLICATION
Program Dates: May 28 through August 2, 2024
Application Dates: December 4, 2023 through February 2, 2024
Program and Application Information: <https://mortonarb.org/reu>

WHO SHOULD APPLY:
Students who are interested in biology, environmental science, genetics, chemistry, ecology, botany, natural resources, horticulture science, and engineering. We encourage applicants from colleges and universities where research opportunities are limited, groups traditionally underrepresented in STEM programs, first- and second-year undergraduates, persons with disabilities, and veterans.



For more information and to learn about other opportunities in the Integrated Mentorship Program at The Morton Arboretum, visit the website, [email lets@sumortonarb.org](mailto:lets@sumortonarb.org), or call 630.775.2495.

Holistic Wellness Development Program

HPW
The Office of Health Promotion and Wellness



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!



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-

HPW HOLISTIC WELLNESS DEVELOPMENT PROGRAM

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

Scan the QR code or click the link **HERE**

THE CHICAGO BOTANIC GARDEN HAS A TON OF UPCOMING OPPORTUNITIES!

- [-Horticulture Internships!](#)
- [-Assistant Ecological Restoration Technician Lakes & Shorelines](#)
- [-Research Assistant Soil Ecology](#)
- [-Ecological Restoration Technician, Prairie & Woods](#)
- [-Assistant Manager Plant Production \(For MS students/students with significant internship experience or DUG experience\)](#)

**PAID SUMMER
UNDERGRADUATE
RESEARCH
PROGRAMS AT
ILLINOIS URBANA-
CHAMPAIGN!**

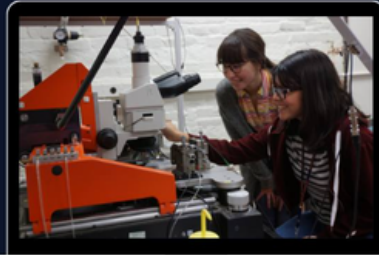
Webinar



January 18, 2024

6:00 PM - 7:30 PM CT

PAID Summer Undergraduate Research Programs at the University of Illinois Urbana-Champaign



Register here:



<https://go.illinois.edu/2024REUInfoSession>

Aerospace Engineering, Agriculture/Biological Engineering, Animal Science, Astronomy, Bioengineering, Biology, Chemical Engineering, Chemistry, Electrical and Computer Engineering, Computer Sciences, Crop Science, Electrical Engineering, Materials Science, Mathematics, Mechanical Engineering, Physics, and other STEM fields

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-



Citizens' Climate Lobby

GREEN FILM CONTEST SEEKS SUBMISSIONS!

SUBMIT YOUR ENTRY BY JUNE 25, 2024

The One Earth Young Filmmakers Contest (non-profit) 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>

YOUNG FILMMAKERS CONTEST 2024

Submit Your Film

WIN UP TO \$1,000 SCHOLARSHIPS and cash prizes. Plus, \$1,000 matching gifts for sustainability organizations of your choice.

Third grade through post grad with cash prizes at every level: elementary school, middle school, high school, college and post grad. **Create a short environmental film** that inspires change or action. **Win a premiere screening** at the Gene Siskel Film Center in September 2024 and/or at the One Earth Film Festival in March 2024. **Show off your talents.** Make your resumé and/or college application sparkle with your award. **Filmmaking workshops.** Attend our **Online Academy** or in person youth workshops.

FOR DETAILS & QUESTIONS GO TO [oneearthfilmfest.org/contest-details](https://www.oneearthfilmfest.org/contest-details)

DISCLAIMER: Distribution of information by a community group in accordance with a school district's policy does not imply, directly or indirectly, that the group's program(s), event(s) and/or service(s) is sanctioned, sponsored or endorsed by the district, the Board of Education or the superintendent.



Submissions accepted now through June 25, 2024
ONE EARTH FILM FESTIVAL • [ONEEARTHFILMFEST.ORG](https://www.oneearthfilmfest.org)

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](#)



NATURAL RESOURCE AND RESEARCH INTERN - NAHANT MARSH EDUCATION CENTER

GENERAL JOB SUMMARY: The Intern position will consist of 20 hours of natural resource work per week at Nahant Marsh as directed by the Natural Resource Manager. The intern will also work 20 hours per week performing Rusty Patch Bumblebee surveys and bat monitoring in the Quad Cities area as determined by the USFWS.

LOCATION: Nahant Marsh Education Center, 4220 Wapello Ave, Davenport, IA 52802

SALARY: \$15/hr

START DATE: May 20, 2024

LEARN MORE [HERE](#)



SUMMER POSITION FOR GRADS WITH THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Are you a looking for a rewarding summer job? The Illinois Department of Natural Resources (IDNR) has a fantastic opportunity for you!

Join Us as a Conservation Education Representative: This summer, we are excited to offer unique positions for recent grads who enjoy working with youth and are passionate about the outdoors. As a Conservation Education Representative (CER), you'll be a part of a team making a difference in various parks around the state. **Deadlines vary from January 18-24.** Please apply early.

Tons of different locations! We value your hard work and dedication. You'll earn **\$4,139.00** a month for bringing your skills and passion to our team!

Learn more and apply [HERE](#)