



# DEPAUL ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER

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## NOTABLE DATES

### Monday, May 29

Memorial Day Holiday  
University Closed/No classes

### Friday June 2

End SQ2023 Day & Evening Classes

### Friday June 3 -

### Saturday June 9

SQ2023 Day & Evening Final Exams  
Final Exam Schedule [LINK](#)

Saturday, June 10, 6:00 - 8:30 pm,  
Commencement  
Wintrust Arena

[ENV Student Handbook Link](#)

## 25th Annual Symposium Recognizes Senior Researchers

WELL DONE CLASS OF 2023!

Last Monday, the 25th Annual ENV Research Symposium took place on the first floor of McGowan South. The seniors (pictured above with Dr. P.) who will graduate with their BS degree in Environmental Science, presented their research posters to a crowd of ENV students and faculty. See page two for the research presenters and titles.

A short program hosted by Dr. Potosnak preceded the research presentations where a number of students were recognized for their leadership and service to the department. The program ended with a student raffle for DePaul-branded apparel and a diploma frame for one of the senior presenters. All in attendance were treated to scrumptious hot and cold hors d'ouvres topped off with an ice cream sundae bar.

Congratulations to the ENV Class of 2023!



### 2023 ENV RESEARCH SYMPOSIUM

(above) Austin Salvino shares his research titled "Fossil marine vertebrates from the mid-Graneros Shale (Upper Cretaceous: mid-Cenomanian), Russell County, Kansas, USA "

(above right) Kate Petralia presents her research titled "Particulate Matter Emissions from Prescribed Burns in the Chicagoland Area"



## 2023 Research Symposium Presentations

FOSSILS, LICHEN, SOUNDSCAPES, URBAN AIR AND SOIL INVESTIGATED

The following research was presented at the ENV Symposium last Monday.

- Mallory Ayersman - Popular Songs as Soundscapes: An analysis of the use of birdsong across genres (Faculty Advisor: Liam Heneghan)
- Andreas Harris - The Influence of Vehicular Traffic and Land Use Typology on the Spatial Patterns and Concentrations of Soil Lead (Pb) in the Uptown Community Area of Chicago (Faculty Advisor: James Montgomery)
- Shelby Johnson - Lichen Presence on Quercus and non-Quercus in Chicagoland Area (Faculty Advisor: Christie Klimas)
- Nicholas Madeyski and Lizette Jaimes - Microarthropod Communities in Urban Areas: Research Updates (Faculty Advisor: Liam Heneghan)
- Brianna Ortiz - Preliminary Report on Fossil Marine Vertebrates from the Upper Cretaceous Hartland Shale from Reblec County, Kansas (Faculty Advisor: Kenshu Shimada)
- Katherine Petralia - Particulate Matter Emissions from Prescribed Burns in the Chicagoland Area (Faculty Advisor: Mark Potosnak)
- Gavin Salas - Monitoring Personal Exposure to Air Quality Gradients while Biking on Elevated Urban Trail (Faculty Advisor: Mark Potosnak)
- Austin Salvino- Fossil marine vertebrates from the mid-Graneros Shale (Upper Cretaceous: mid-Cenomanian), Russell County, Kansas, USA (Faculty Advisor: Kenshu Shimada)



## 2023 ENV Research Symposium in Photos

(CLOCKWISE FROM ABOVE TOP) JAKOB DESZCZ PRESENTED THE NEW "ECO DEPAUL" STUDENT ORG. THE DEI TEAM POSES WITH DR. KLIMAS. DR. ELLEN SCHAAL AND TA KALI RADATZ. DR. JIM MONTGOMERY PRESENTING ENV OUTSTANDING STUDENT OF 2023, DRE HARRIS.

(RIGHT) DR. P ADDRESSES THE CROWD





## World Wildlife Fund US Conservation Leadership Awards: Applications Now Open

The World Wildlife Fund -US (WWF-US) Activism team has opened the application process for the 2023 WWF-US Conservation Leadership Award for youth aged 18-30.

WWF is seeking to recognize young conservationists who are making outstanding strides for protecting nature and biodiversity. The WWF-US Conservation Leadership Award honors exceptional youth leaders between 18 and 30 years of age working toward conservation solutions in the United States. These leaders are making strides across issues including climate change mitigation, wildlife conservation, environmental justice, food waste, and habitat protection. You can read about our past winners here. The winner of the \$5,000 award can use it to further their academic or professional development related to conservation.

### Eligibility:

- Must be a US resident
- Must be between 18-30 years old as of July 31, 2023
- Federal, state and local government employees are not eligible to apply
- WWF network current or former staff members or their immediate family are not eligible to apply

Deadline to apply is July 31st, 2023

[APPLY HERE](#)

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**BIRD ID CLASS ALWAYS ENJOYS THE VIEW** The last field trip for Professor Robert Sliwinski's ENV 390 Bird Identification class landed them at Northerly Island. While always treated to observing the many bird species of Chicago, students enjoyed a great outing yesterday with the city skyline as their backdrop. Only at DePaul!





## **Our Future on a Humanized Planet**

A PRESENTATION BY LIAM HENEGHAN

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## **Dr. Noé de la Sancha Shares Insights on Lakeshore PBS Show**

Dr. Noé de la Sancha appeared on "The Roundtable Perspective" on Friday on Lakeshore PBS. He shared his expertise on the topic called "The Sixth Mass Extinction" with host Thomas J. Roach, Ph.D. to discuss the impending sixth mass extinction event on planet Earth and what if anything humans can do to prevent it, as well as what evidence there is to support why such an event is happening.

The show is available on YouTube at the link below.

View [HERE](#)

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## **Peggy Notebaert Nature Museum Event Features Dr. Liam Heneghan**

Dr. Liam Heneghan will be speaking on the topic: "Our Future on a Humanized Planet" at the Peggy Notebaert Museum on June 8th. Liam's talk coincides with the launch of his new book, "A Primer on Human Impacts on the Environment: The Conceptual Approach".

Liam shows that many of the same conceptual tools used for investigating the biosphere can be adapted and applied to determining the fate of humanity in a rapidly changing world.

Doors will open at 6:00 p.m. and the lecture will begin at 6:30 p.m. and end with a Q&A from the audience.

Free tickets can be reserved at this [LINK](#).

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## **Soil Stories Kicks Off Two-Part Event on June 11 In North Lawndale**

Summer is here and the Earth has wisdom to share with us!

Advocates for Urban Agriculture (AUA) is proud to offer a 2-part event series called Soil Stories that will expose Chicagoland community members to deeper ways of connecting with the soil that sustains us. Join us for the first part on June 11th!

The first event of the summer will take place at the African Heritage Garden in North Lawndale. By attending the event you will participate in a guided tour of the gardens led by Dr. Shemuel Israel; smell, touch and taste the herbs and produce growing in the garden; engage in a soil ceremony and reflection with Dr. Akilah Martin; offer "service to the earth" by doing garden work; learn more about soil health and reciprocity

Register here!



# ENV 404 Ends Class On the Wild Mile

Contributed by Prof. Lauren Umek

Our last class of ENV 404 took place at the Wild Mile, meeting with Urban Rivers to discuss the successes and challenges of restoring habitat and access to the river, and improving water quality all within some complicated jurisdictional policies, red tape, and turf battles.

Just as we were leaving, after checking out the two species of mussels and several species of plants on the floating islands, we were welcomed by two muskrats, a good beaver, a turtle, a racoon, and some bunnies, all taking advantage of the work we just spent the class discussing.

What a great way to end the quarter!

# Apply for Sustainability Coordinator for 2023-24 Academic Year

Just DePaul of the Division of Mission & Ministry is looking for a Sustainability Coordinator! You should apply if:

- 1.You understand the complex integration of social, economic, and environmental issues that must be considered for an organization to be sustainable.
- 2.You often find yourself making spreadsheets, diagrams, or pictures to diagnose or solve problems.
- 3.You love the idea of building organizational infrastructure to support social and environmental justice efforts in Chicago and beyond.

Schedule determined with the supervisor on a quarterly basis. Position is for 20-25 hours/week throughout the academic year with potential to work 35-40 hours/week during the breaks. Compensation:\$20/hour Apply HERE by 06/02. Questions? Contact Rubén at RSILVAAL@DEPAUL.EDU or 312-362-6674 office.

# Attention Students! Free Subscription for EcoJobs.com Through ENV

Did you know that DePaul ENV has a subscription to EcoJobs.com? It is a website completely dedicated to listing green jobs across the nation in the following categories:

- Natural Resources & Conservation
- Environmental Science & Engineering
- Environmental Advocacy & Communications
- Environmental Law & Policy
- Renewable Energy/ Sustainability
- Environmental & Outdoor Education
- Environmental Internships
- Environmental Degree Programs

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ENV Student/Staff Account: Register here!



## This week in pictures

(CLOCKWISE) RAFFLE WINNER POSES AT THE SYMPOSIUM; STROLLING THE SYMPOSIUM RESEARCH AISLE; DR. SHIMADA'S ENV 205 LAB VISITED THE LP ZOO.

(ABOVE) THE GREENHOUSE CREW CAMPBELL AND ZOHARIA DRIZIN POSE WITH DR. LIAM HENEGHAN DURING THE SYMPOSIUM AWARDS.

