



DEPAUL ENVIRONMENTAL SCIENCE AND STUDIES NEWSLETTER

NOTABLE DATES

Thursday, May 18

6:00 - 8:00 p.m.

Screening of "The Letter-A Message for Our Earth". Pizza & popcorn served. All welcome!

Friday, May 19

9:00 a.m.-5:00 p.m.

Metropolitan Chicago Data-science Corps 2nd Annual Conference at DePaul Center. Register Here

Monday, May 22

2:30 -4:30 p.m.

25th Annual ENV Research Symposium. View our seniors' research projects and celebrate the year with your classmates.

ENV Student Handbook LINK

Andreas "Dre" Harris Named ENV Outstanding Student of the Year

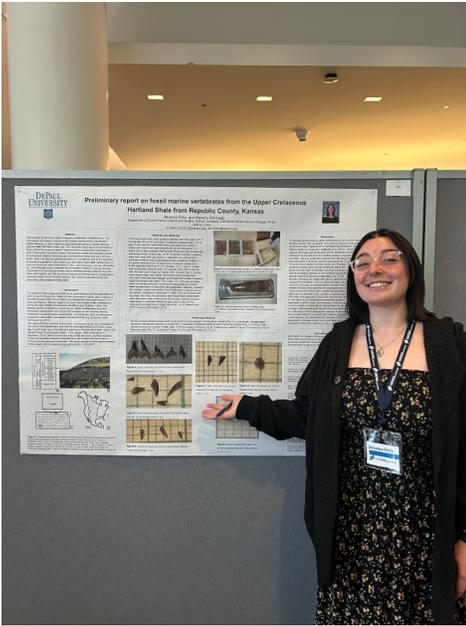
We are pleased to announce that Andreas (Dre) Harris has been elected by the ENV faculty as the Outstanding Student of the Year!

Dre (pictured above right with Emma Sznewajs) will receive the award at the CSH honors celebration on Saturday June 3.

Dre has been active in ENV as a TA for multiple courses and is doing his senior thesis project with Dr. James Montgomery, entitled "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 were also impressed with Dre's scholarship in a number of courses.

Please join us in congratulating Dre!



BRIANNA ORTIZ AND AUSTIN SALVINO CONDUCT RESEARCH IN DR. SHIMADA'S LAB

They help Dr. Shimada's research of various Western Interior Sea Way localities. Sediment collected from field work in Kansas and Nebraska is then sorted and identified. The process requires time and patience to pick through piles of sediment and find fossils such as fin fragments, vertebra, and teeth belonging to several prehistoric marine species.

Brianna (pictured above) and Austin (above right) attended the MEEC in Louisville this spring where they presented their research.

View all the ENV Senior projects at the ENV Symposium on Monday, May 22 from 2:30 until 4:30 p.m. on the first floor atrium of McGowan South. Join your classmates to celebrate the end of the year. Refreshments served and all ENV majors eligible for the student raffle. No RSVP necessary.

Two ENV Student Researchers Share Their Start In Dr. Shimada's Lab

BY BRIANNA ORTIZ AND AUSTIN SALVINO

How did you become involved with research?

Brianna Ortiz:

After going on the Lab tour last quarter, I was able to see all of the available ENV labs. When I learned about Dr. Shimada's lab, I was very interested in what he was researching as it not only is something I am passionate about but was an area I didn't know the ENV department had available. I then asked Austin about any possible availability in the lab and then contacted Dr. Shimada personally as well. After having a conversation with Dr. Shimada about my interests and how they align with the lab, I almost immediately began working on my project. I have been working in this lab for about two months now. My work focuses on Hartland Shale of the Upper Cretaceous Greenhorn Limestone in Kansas which is a locality in what used to be the Western Interior Sea Way. Most of my time in the lab consists of searching through sediment with hope to find teeth or other bone material. It is something that takes a bit of patience. Dr. Shimada is a great teacher and leader. The wonderful students who also work in the lab have taught me so much and encouraged me to grow in my own scientific career.

Austin Salvino:

I had initially taken Dr. Shimada's BIO for ENV majors back in 2021, when classes were still entirely remote. Biology and particularly paleontology were always passions of mine and taking his class was still to date one of my favorite classes in my DePaul career. He had mentioned over the course of that quarter that he conducted much of the paleontology research referenced in his lectures with DePaul lab students in the past. As soon as classes were back in person, I went to Dr. Shimada and expressed my excitement and passion for the work he was doing and soon had the privilege to join his lab, which I have been a part of for a little over a year and a half! My work focuses on the Upper Graneros shale, which is a deposit in Kansas dating back around 100 million years ago. During this time Kansas was a shallow environment of the Western Interior Seaway.



Metropolitan Chicago Data-science Corps
MCDC: Data Scientists serving Chicagoland Communities

8:30am-9:15am: Breakfast; Conference Center 8th floor

9:15am-9:30am: Opening Remarks from Suzan van der Lee;

9:35am- 10:30am:

Keynote: SOAR and FLIP: Using Engaged Neighborhood Science to Understand (and do something) about Chicago's Gun Violence Epidemic;
Andrew Papachristos and Jalon Arthur

10:30am-10:50am: Coffee Break, 8th floor

10:50am- 12:00pm: **Morning Breakout Rooms**

8010: Curriculum Convergence; Bennett Goldberg

8011: What Would the Trees Say? Insights from the Tree Observatory data;
Chai-Shan Kuo, The Morton Arboretum

8012: Student Perspectives on the Future of Data Science; Andreas Harris, Nicole Nixon

8013: Working Room; Speaker Prep

12:05pm-1:00pm: LUNCH; DePaul Center Terrace, 11th floor

1:05pm-2:15pm:

Auditorium: Elsa Anderson and Elizabeth Bach's *Nature Conservancy Practicum*

2:20pm-3:25pm: **Afternoon Breakout Rooms**

8010: The Student Experience; Sara Woods & Denise Drane

8011: Data Connection Hub; Michelle Birkett

8012: ABCs of Machine Learning; Rahan Attelle

8013: Curriculum & Faculty Design; Suzan van der Lee

3:30pm-4:00pm: Closing Remarks

4:00pm-6:00pm: Reception; DePaul Center Terrace, 11th floor

DePaul Hosts MCDC Conference May 19 Students Welcome

The Metropolitan Data-science Corps invites all DePaul students to attend its Conference being held at DePaul this year on May 19, from 9:00 a.m. until 5:00 p.m. on the Loop Campus in the DePaul Center's 8th floor conference center (1 E. Jackson).

Are you a data scientist or aspiring to be one? A community organization in the Chicagoland area? A corporate entity looking to hire data scientists?

Come to learn and share how to best integrate data-science into your mission and engage experts and other organizations for discussions, lectures, and activities.

Meet the data scientists themselves! Our mentors and students will be present to talk through their projects, their strategies for success, and the ways in which they see these skills improving the communities within our focus areas of: Health, Social, and Environmental Sciences.

The Keynote Address is "SOAR and FLIP: Using Engaged Neighborhood Science to Understand (and do something) about Chicago's Gun Violence Epidemic", presented by Andrew Papachristos and Jalon Arthur.

Learn from non-profits and corporate partners how they utilize data-science and plan your future career! Curiosity is always welcome.

Breakfast, lunch, coffee, tea, and snacks will be available throughout the day to attendees. Participants in any part of the conference are also invited for drinks and food at our reception on the terrace from 5:00 p.m. - 7:00 p.m.

Please register for the event at this link. Dr. Mark Potosnak is a MCDC board member and can answer any questions you may have about attending.

MOVIE NIGHT! The Letter tells the incredible story of the Laudato Si' encyclical letter by Pope Francis, through the eyes from frontline leaders battling the ecological crisis across continents. Join us in McGowan South 105 on May 18 at 6:00 p.m. for a film screening and discussion. Pizza, popcorn and refreshments will be served!

Watch the trailer here.

**THE LETTER:
A MESSAGE FOR OUR EARTH**

WATCH TRAILER

MOVIE NIGHT

THURSDAY | MAY 18 | 6 PM
MCGOWAN SOUTH ROOM 105



JOIN US FOR LUNCH WITH NONVIOLENCE ACTIVIST KANINI KIMAU



Urban Garden Part-Time Position At DePaul Prep

DePaul College Prep High School, located near Belmont & Western, is in the process of constructing a greenhouse this summer/fall and is searching for someone who can assist in the management and programming of this new space. This person would work in partnership with our Urban Sustainability Food Systems and Culinary Arts instructor (Melissa Flynn, former Director of Green City Market) and would primarily plan and manage our greenhouse, working to plan instruction for this course for junior and senior students. They also have a half-acre organic garden to compliment the greenhouse that extends the growing season. The position is part time for the duration of the 2023–24 school year and may transition to a full-time position for the 24–25 school year. This is a permanent position and not a temporary position. To apply, contact Dr. Megan Stanton-Anderson, the Principal of DePaul Prep.

Students Invited to Join Kanini Kimau for Lunch on May 16

Elizabeth Kanini Kimau is DePaul's 2023 Berrigan-McAlister award winner, a title that honors Christian nonviolence practitioners. Kimau has dedicated her life to rebuilding relationships and community among people in Northern Kenya and South Sudan. Now, she's giving us the chance to get to know her and her work! For a chance to talk, join us for some lunch!

Tuesday, May 16, 12 p.m.-1:30 p.m.
McGowan South Room 204
1110 W. Belden Ave. Chicago, IL

[RSVP HERE](#)

Assistant Project Manager for Environmental Dashboard - Oberlin College

The Environmental Studies Program at Oberlin College invites applications for a full-time, one-year grant-supported position with the potential for renewal. The hire will assist in development, management, assessment and communication related to Environmental Dashboard. This award winning communications project, combines real-time feedback on resource use and environmental quality with messages drawn from community members to engage, educate motivate and empower positive change in thought and action. The hire will work on-site to assist in all aspects of project management including overseeing student workers, coordination among community partners, managing digital signs, managing the website and social media, assisting in research, representing the project and actively marketing to organizations and communities.

[Click here for more details and to apply.](#)



Paid Summer Internship Opportunity at Field Museum

LSAMP Undergraduate students are encouraged to apply for a paid internship at the Field Museum of Natural History (FMNH) for Summer 2023. Students will work with scientists on unique opportunities and be engaged in hands-on research that will involve Museum collections, laboratory experiences, and mentorship from curatorial and collections scientists.

For a list of available internships and to apply, visit this [LINK](#).

Coleman Entrepreneurship Center - Purpose Pitch Competition May 24

The 7th Annual CEC Purpose Pitch Competition on May 24 from 5:30 pm - 8:30 pm at 1871. Join the Coleman Entrepreneurship Center for an evening that explores and celebrates purpose-driven startups. Four final student teams and four final alumni teams pitch their purpose-driven business ideas with \$25,000 in prize money bring awarded. All are welcome to attend. Complimentary food and drinks will be provided along with great networking with the DePaul and 1871 community.

871 Auditorium at The Merchandise Mart
222 West Merchandise Mart Plaza Suite 1212
Chicago, IL 60654

GLOBAL INFO SESSION – MAY 24TH

LAST CALL! LAST CHANCE TO TALK WITH US ABOUT OUR TEACH IN SPAIN PROGRAMS FOR NEXT ACADEMIC YEAR! While our application period is coming to an end and successful Meddeas candidates are already receiving their placements, we are still open to new applicants.

Our Global Info Session for interested students & graduates on Wednesday, May 24th will be this year’s last chance to learn directly about our programs, meet and hear from current Meddeas participants and recruiters, and have the opportunity to ask questions.

Time flies, exam season is almost here, and the 2022/2023 academic year is quickly coming to a close. Students can join us through the link below. We highly recommend students visit our website before attending the Info Session.

The Third Annual Berrigan-McAlister Award: Celebrating Elizabeth Kanini Kimau

Monday, May 15

6:30pm-8:30pm CST

DePaul University Student Center #120
2250 N. Sheffield Ave.
Chicago, IL 60614

Virtual Live Stream Available

Click for more information and to Register!



Award Presentation Open to DePaul Community

This hybrid celebration honors those whose active Christian nonviolence—like that practiced by Fr. Daniel Berrigan, SJ, Phillip Berrigan, and Elizabeth McAlister—resists injustice, transforms conflict, fosters reconciliation, and seeks justice and peace for all. This year's awardee is Elizabeth Kanini Kimau, an activist engaged in building a culture of peace in Northern Kenya and Southern Sudan.

A founder of Horn of Africa Grassroots Peace Forum, Kimau focuses on capacity building of those directly impacted by interethnic violence to support their becoming agents of peace. A lay Christian woman working without funding or an official position, Kimau has spent many years building trust among peoples divided by ongoing violent conflict, often putting her life at risk to foster nonviolent options.

Volunteer for Rain Garden Planting Friday, May 26

Volunteer with DEI and Dr. Potosnak at the Pentecostal Church of Holiness for a half-day to plant a rain garden. Dr. P. and ENV students have been lending a hand at the church, most recently completing a french drain.

Join your classmates and get the church's garden going!

Volunteers should meet at McGowan South 2nd floor lounge at 8:45 a.m.

Sign up [HERE](#)

Peggy Notebaert 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](#).



AROUND MCGOWAN (RIGHT) DR. JIM MONTGOMERY LEADS THE DISCUSSION LAST THURSDAY DURING THE SCREENING OF "NUCLEAR NOW".

(ABOVE): ENV STUDENTS JOINED DR. JESS VOGT ON FRIDAY IN THE QUAD TO HEAR FROM TREE EXPERTS AND TO TEST THEIR CLIMBING SKILLS.

