



November 2, 2022

# Geography Weekly

## DEPARTMENT NEWS

- Dr. Caglar Koylu (Geographical and Sustainability Sciences) and Dr. May Guo (University of Iowa School of Social Work) were recently joined by Megan Gilligan, Ph.D. (Iowa State University) and moderator Leon Tabak on October 16th to discuss "Multi-generational Households" for "Ethical Perspectives on the News", a segment televised by KCRG-TV9 News and sponsored by the Inter-Religious Council of Linn County. You can watch this segment [on the sponsor's YouTube page](#).
- This week, PhD student Maryam Torkashvand is in Seattle, Washington for the 2022 ACM SIGspatial International Conference on Advances in Geographic Information Systems. Have a wonderful trip, Maryam!
- Today, department majors Emmeline Kraus (Geography) and Bob Pentuic (EPPL) will be presenting posters at FURF! Further details can be found on the following page.

## KOHN COLLOQUIUM

This Friday, November 4th, at 3:30 PM, Corey Markfort will be joining us for Kohn Colloquium at 3:30 PM in 219 Jessup Hall. Students unable to join this session in-person are welcome to join via Zoom. If you do not already have a Zoom link for this semester's Kohn Colloquium series, email Adrian Sandersfeld at [adrian-sandersfeld@uiowa.edu](mailto:adrian-sandersfeld@uiowa.edu) to request one.

Dr. Markfort will be presenting "The Harmful Algal Bloom Challenge: A Team-based Science Initiative for Improving the Health of Iowa's Lakes.

**Abstract:** Harmful algal blooms (HABs) threaten water resources used for drinking water supplies and recreation, as well as aquatic ecosystems that support fish and waterfowl habitat. Monitoring indicates that Iowa lakes, reservoirs, and ponds regularly experience HABs. Toxins produced by cyanobacteria can cause illness if ingested or inhaled, swimmers can develop rashes, and pet fatalities commonly appear in news headlines. HABs are caused by nutrients draining into aquatic environments with warm stratified waters. It is expected that wetter springs, and drier and hotter summers, along with continued intensification of agricultural practices will result in increasing occurrence and intensity of HABs.

Dr. Markfort's abstract and details are continued on the following page.

## CALENDAR

NOV  
02

**Fall Undergraduate  
Research Festival**  
UCC L2 | 4:00-6:00 PM

NOV  
04

**Kohn Colloquium**  
219 JH, Zoom | 3:30 PM

NOV  
07

**Early registration for  
Spring 2023 classes  
opens!**

NOV  
08

**Last day for grad  
students to drop  
without approval**

## HAVE UPDATES TO SHARE?

Send news items, information on thesis defenses, awards, publications, events, and more to [adrian-sandersfeld@uiowa.edu](mailto:adrian-sandersfeld@uiowa.edu) by 1:00 PM each Tuesday to have them featured in the upcoming Geography Weekly newsletter.

### **FALL UNDERGRADUATE RESEARCH FESTIVAL**

(Continued from front) Undergraduate students involved in research projects will be presenting their work to the campus and general public on the 2nd level of the Old Capitol Town Center today, November 2nd.

Geography and Environmental Science double-major Emmeline Kraus (poster number 74), mentored by Drs. Matthew Dannenberg and Susan Meerdink, will be presenting “Seasonal Effects of the Fungal Pathogen *Tubika iowansis* (bur oak blight) on the Photosynthetic Capacity of Infected *Quercus macrocarpa* (bur oak)” from 5:00 PM to 6:00 PM.

Environmental Policy major Bob Pentuic (poster number 84), mentored by Dr. Ben Swanson of EES, will be presenting “Camp Cardinal Creek: Creek Water Quality” from 5:00 PM to 6:00 PM.

A full program for this event, complete with students’ abstracts, can be found at: [icru.research.uiowa.edu/2022-furf-presentations-abstracts](http://icru.research.uiowa.edu/2022-furf-presentations-abstracts)

### **KOHN COLLOQUIUM: COREY MARKFORT**

Abstract (continued from front): A multidisciplinary UI team representing fields including environmental science and engineering, geography and sustainability, public health, public policy and communication, and business analytics have joined forces to embark on the Iowa Healthy Lakes Initiative (IHLI). The team is investigating strategies for improving monitoring, predicting, managing, and communicating risks of HABs in Iowa. I will introduce research by the Environmental Fluid Mechanics and Renewable Energy Lab focused on measurement and prediction of environmental dynamics experiencing change, the IHLI team and our vision for addressing the HAB challenge in Iowa, including new research on improving HAB detection using multiscale direct and remote sensing methods. I will also present recent experiments and modeling to improve HAB prediction and mitigation planning strategies.

### **EVENTS ON CAMPUS**

**Movie Night with NASA** | On November 3rd at 8:00 PM in the Big Ten Theater (IMU), the Native American Student Association is hosting a movie night, featuring the film *Gather*, a 2020 documentary directed by Sanjay Rawal. This event is sponsored by the Native American Student Association for Native American Heritage Month. Limited seats are available for this screening.

**URP Planning Session** | On November 8th at 4:00 PM, join the School of Planning and Public Affairs is hosting an info session where students can learn more about master’s degrees in Public Affairs and Urban & Regional Planning. Hear what these degrees have to offer! All undergraduates are welcome to attend. Virtual attendance via Zoom; join at [bit.ly/urpsession](https://bit.ly/urpsession)

**Lunar Eclipse Public Observing Morning** | On November 8th at 4:00 AM, join the University of Iowa Physics & Astronomy Department as we use the Van Allen Observatory and small telescopes to tour the fall sky and view the November 2022 total lunar eclipse visible in the morning hours. To attend this Astronomy observation session, follow the signs in Van Allen Hall to reach the roof. Individuals with disabilities are encouraged to attend all University of Iowa-sponsored events. If you are a person with a disability who requires a reasonable accommodation in order to participate in this program, please contact Caroline Roberts in advance at 319-467-1481.

## **INTERNSHIPS & OPPORTUNITIES**

**Pathfinders RC & D** is now hiring for two RCPP Watershed Soul Conservation Technician positions, which are available at SWCDs in Southeast Iowa (Monroe and Wapello). Send your resume to [info@pathfindersrcd.org](mailto:info@pathfindersrcd.org) or [read more about these positions](#) and [apply via Indeed](#).

**Green Iowa Americorps** has available full-time and part-time positions listed at: [greeniowaamericorps.org/open-positions](http://greeniowaamericorps.org/open-positions)

**ITC Holdings Corp.** is accepting applications for a GIS internship, for this coming summer (2023). This is a full-time internship. [Apply online via Edquo](#).

**Ducks Unlimited** in Dexter, Michigan has 4 paid 12-month GIS internships available. [Read more and apply for one of these internship opportunities on their website](#).

## **JOIN THE ENVIRONMENTAL COALITION!**

The Environmental Coalition at Iowa is an organization dedicated to advocating for the environment through activism, education, and equity. As a group, we strive to instill a sense of pride in our natural environment and share our passion for protecting our home not only on campus, but throughout Iowa City and beyond.

We work to create an inclusive community, support our members, and provide opportunities to get involved in the local environmental movement through networking and volunteering. Some of our current projects include Monthly Challenges, Ecosia on Campus, Decarbonizing Mid-American Energy, and working with the Bee Campus Initiative as well as the Bike Library. Every year we also participate in Oktoberfest, do many Earth Month activities including a Trash Crawl, and provide many other resources, events, and socials for our members. We are always looking for new leaders and friends that are passionate about sustainability on campus and looking to lend a hand on a current project or bring a new project to life!

We welcome you to join our weekly meetings at 7pm every Thursday in room 347 of the IMU, and do not hesitate to contact us by email [uiecpres@gmail.com](mailto:uiecpres@gmail.com) or Instagram [@envirocoalition\\_iowa](https://www.instagram.com/envirocoalition_iowa) with any questions! We hope to see you soon!

## **JOIN ICIGO!**

ICIGO is a student organization within the Department of Geographical and Sustainability Sciences that utilizes experiences and skills gained in the classroom to support projects focused on sustainability in the community and state. This semester ICIGO is excited to welcome new members with a background, or interest, in GIS, analytics, leadership, organization, and visualization.

The group requires 2-3 hours of participation a week and participation in regular meetings and no prior GIS knowledge is required to join. Contact the Geography Department's senior GIS administrator, Adam Skibbe at [adam-skibbe@uiowa.edu](mailto:adam-skibbe@uiowa.edu) to get started!

## Career Advising via Pomerantz Career Center

- ◆ The **Pomerantz Career Center** at C310 PC is open for drop-in peer advising Monday—Thursday between the hours of 10am and 2pm only, with Zoom appointments available via **MyUI**.
- ◆ Employers post open positions on **Handshake** for internships and full-time job opportunities for students of all degree levels.

## Writing Assistance Available via the Writing Center

- ◆ **The Writing Center** is fully online and available to all students, faculty, and staff. They can provide feedback on any kind of writing—from reading responses, course papers, capstone projects, and theses to cover letters, emails, scholarship applications, and creative projects.
- ◆ Use the **Online Feedback** button to upload a piece of writing and get written comments and suggestions on it, allowing at least two business days for a response.

## UI Service Center

- ◆ The **UI Service Center** is open and available to help students with a multitude of tasks including: changing registration, checking on the progress of scholarship submissions, graduation services, transcripts and verifications, ID card programs, billing, and loan collections.
- ◆ The Service Center strongly encourages you to **schedule an appointment through MyUI** using the “Advising Appointment” feature and selecting the Service Center before your in-person visit.

## University Virtual Counseling Service Programs

- ◆ The **University Counseling Service** is still offering several programs to help students virtually.
- ◆ **Let’s Talk Hawks!** consultations are a weekly drop-in service that provides students the opportunity to have informal, confidential, and anonymous conversations with a UCS therapist. No appointment is needed; these services are offered on a first come, first serve basis.
- ◆ The **Solidarity Support Group** is a safe space for students of color to talk about concerns, share experiences, and stay connected with one another and the other UI communities. They meet between 12:30pm-1:20pm on Friday afternoons.
- ◆ Other UCS programming can be found **here**.

## Other Campus Resources

- ◆ [Office of Teaching, Learning & Technology Resources](#)
- ◆ [ITS Student Resources & Services](#)
- ◆ [GIS Library Research Guide](#)
- ◆ [Ulowa COVID Fall 2022 Guidelines](#)