



March 29, 2023

# Geography Weekly

## DEPARTMENT NEWS

Tonight, March 29th, from 4:00 PM to 6:00 PM, students mentored by GSS Department faculty will be joining their peers to present their undergraduate research on the second level of the University Capitol Center:

- Hannah Back, mentored by Dr. Susan Meerdink, will be presenting "Remote Detection of Harmful Algal Blooms" (4:00 - 5:00 PM)
- Emma Schopen, mentored by Drs. Heather Sander and Elizabeth Stone (Chemistry) will be presenting "The effects of urban and land use change on the local atmospheric pollen concentration in Eastern Iowa during ragweed season" (4:00 - 5:00 PM)
- Shannon Walsh, mentored by Dr. Carly Nichols, will be presenting "Investigating Internal Colonialism in Contemporary Mexican Development and implications for Indigenous Breastfeeding Practices" (4:00 - 5:00 PM)
- Mizuki Wittmer, mentored by Dr. Heather Sander, will be presenting "Relationships between small mammals and their predators across an urban landscape" (5:00 - 6:00 PM)

## KOHN COLLOQUIUM

- This Friday's Kohn Colloquium will be held in-person on March 31st from 3:30 PM to 5:00 PM in 219 JH. Our speaker will be Dr. Miriam Johnston, who will be presenting "Ecosystem carbon, water, and energy fluxes in a changing world: Multi-scale synthesis of measurements and models."

**Abstract:** The response of terrestrial ecosystems to climatic change is a key determinant of the future of the earth system, but it is highly uncertain. Constraining that uncertainty requires clarifying the patterns and mechanisms of ecosystem carbon, water, and energy fluxes across space and time. Here, I present work examining the surface temperature component of energy flux in a seasonally-droughted savanna and separating the effects of temperature from humidity on ecosystem carbon and water fluxes across the U.S. Together, these projects leverage long time series of multi-scale data (from ground to satellite) and both mechanistic and statistical models to understand the drivers of ecosystem function in a complex, changing world.

## CALENDAR

MAR  
29

Spring Undergrad  
Research Festival  
4:00 PM - 6:00 PM

MAR  
31

Kohn Colloquium  
3:30 PM - 5:00 PM

## 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.

## EVENTS ON AND OFF CAMPUS

**[Ukraine: War and Resistance](#)** | The University of Iowa is proud to host the "Ukraine: War and Resistance" photo exhibit featuring the works of JT Blatty, Alexey (Oleksii) Furman, Brendan Hoffman, Serhii Korovayny, Oksana Parafeniuk, Joseph Sywenkyj, and Emine Ziyatdinova. Photo exhibit details are March 20th - April 2nd, 2023 in Phillips Hall, room 120.

**[Pride Week 2023: Trans Day of Visibility](#)** | Join UI Pride House in the Pride Lounge (Iowa Memorial Union Room 209) from 12 noon to 5 PM on Friday, March 31st to spend time with community, honoring this important day.

**[The Human Rights Conundrum: Climate Change Intervention as both Problem and Solution](#)** | On March 31st from 8:50 AM to 5:15 PM in the Boyd Law Building (room 225), join The Journal of Gender, Race & Justice (JGRJ) and Transnational Law and Contemporary Problems (TLCP) for discussions on the human rights implications of voluntary carbon markets and emerging geoengineering technologies developed to combat the climate crisis. Our panelists will explore the pragmatic implications of these approaches as well as possible regulatory frameworks, nationally and internationally. Throughout these discussions, we will center global Indigenous voices speaking on self-determination and knowledge systems which are foundational to any discussion of climate action.

**[U2G Info Sessions](#)** | There are info sessions on the horizon geared toward prospective U2G students for the Urban & Regional Planning program: April 5th at 9:00 AM, April 11th at 2:00 PM, and April 12th at 7:30 PM. You can [register here](#) or just join via Zoom: <https://uiowa.zoom.us/j/96798915196>.

**[Iowa City Darwin Day](#)** | Iowa City Darwin Day Science Fest is a grand celebration of science and its many contributions to humanity. On Friday, April 7th in Krollos Auditorium (101 Biology Building East), attend Patricia Brennan's 3:30 PM talk on "Genital Coevolution in Vertebrates" and, at 4:30 PM, Kim TallBear's talk, titled "Beyond Inclusion and Reconciliation". On Saturday, April 8th, attend talks in 100 Phillips Hall Auditorium: at 10:00 AM, Natalie Mueller will be presenting "The Taming of the Weeds," at 10:45 AM, Patricia Brennan will be presenting "Oddball Science" and, to close out Darwin Day talks, at 11:30 AM, Kim TallBear will be presenting "The Vanishing Indian Speaks Back." All events are free and open to the public. Learn more at [iowacitydarwinday.org](http://iowacitydarwinday.org)

**[Earth Everyday](#)** | Join the Office of Sustainability and the Environment on April 22nd for an afternoon of arts and entertainment celebrating nature. The UI community is invited to participate in this event. The Office of Sustainability and the Environment is currently accepting applications from individuals and organizations interested in hosting a nature-inspired demonstration, arts/crafts activity, exhibit, or performance. This portion of the Earth Everyday event will take place in and around MacBride Hall and will compliment other activities taking place on the Pentacrest. The event theme is art and nature which are both things we feel can bring people together from across disciplines, across cultures, and across generations. We hope the UI community will join us in using art to celebrate and tell their stories of nature. Please complete the application by March 31st for consideration. Space is limited but all applicants will be notified by April 7 with further instruction.

## INTERNSHIPS & OPPORTUNITIES

- The City of Clive, Iowa is seeking a student with GIS experience to work with City staff to complete a Professional Project. The Professional Project is primarily focused on advancing the City's efforts to protect local water resources in the Walnut Creek Watershed through the evaluation of a potential stream buffer protection ordinance. This is a remote-optional seasonal position which pays between \$16.00 and \$22.00 hourly. Learn more and apply at [governmentjobs.com/careers/cityofclive/jobs/3976851/community-development-professional-project-intern](https://governmentjobs.com/careers/cityofclive/jobs/3976851/community-development-professional-project-intern)
- The Smithsonian Environmental Research Center is seeking a remote sensing data technician for a 1 year appointment. The Blue Methane Project is a NASA Carbon Monitoring Systems-funded program hosted at the Smithsonian Environmental Research Center. Tidal wetlands have the capacity to remove massive amounts of atmospheric CO<sub>2</sub> by forming soil carbon, but they can also produce a variable and uncertain amount of methane, a potent greenhouse gas. Monitoring and forecasting the dynamics of "Blue carbon" in these ecosystems is a major priority for state and national governments, as well as the local entities that manage coastal wetlands. The project seeks to improve short-term forecasting of methane dynamics at two focal sites in Louisiana and the Chesapeake Bay, as well as improve the national scale mapping of the variables used to estimate methane emissions. They are searching for a data technician to collaborate with a multi-university and multi-agency team on developing GIS and remote sensing workflows and preparing mapped data products for publication. Read more and apply at [serc.si.edu/gis-technician-opening](https://serc.si.edu/gis-technician-opening)
- The Conservation Interns and Fellows service, hosted by AmeriCorps, is currently seeking applicants for their Conservation Fellow and Conservation Intern positions. Conservation Fellows and Interns work under Montana Conservation Corps (MCC) staff and host site supervisors to complete projects. The specific tasks of each position will vary by host site. Work includes natural resource projects and MCC program elements. This position will need to develop positive working relationships. This position is expected to participate in all parts of the MCC program to the best of their ability. Fellows and Interns will keep host site supervisors and MCC staff informed through bi-weekly paperwork. Fellows and Interns are AmeriCorps participants. They have access to the benefit package offered to all AmeriCorps participants. Learn more and apply now at [mtcorps.org/joinmcc/individual-placement-programs/conservation-interns-and-fellows.html](https://mtcorps.org/joinmcc/individual-placement-programs/conservation-interns-and-fellows.html)
- Green Iowa AmeriCorps is now hiring for 6-month service positions (full-time and part-time positions available) and 3-month summer service positions (part-time work available). Green Iowa AmeriCorps consists of three branches: Energy & Community, Sustainable Schools and Land & Water Stewards. Each branch of the program provides AmeriCorps members with the unique opportunity to enhance their professional development goals, cultivate community-wide relationships, and work toward making Iowa a more sustainable, eco-nomic state. Learn more and apply for open positions at [greeniowaamericorps.org/open-positions](https://greeniowaamericorps.org/open-positions)

## 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.
- ◆ 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 Spring 2023 Guidelines](#)