



April 19, 2023

Geography Weekly

DEPARTMENT NEWS

The DEI committee encourages everyone, faculty and staff and students, to complete a short (5 minute) survey about your experiences in classes and the department. All responses are anonymous and will be used to help us understand the departmental community, to identify strengths and weaknesses. You can find the survey at https://uiowa.qualtrics.com/jfe/form/SV_4OSarF0iJu2ft6S

KOHN COLLOQUIUM

This Friday's Kohn Colloquium will be held in-person on April 21st from 3:30 PM to 5:00 PM in Pappajohn Business Building, room S107 (David W. and Shirley S. Sindt Day Classroom) and our speaker will be Dr. Marinya Kolak, presenting "Modeling, Understanding, & Humanizing Regional Pandemic Data Geographies."

Abstract: With all the research on social determinants of health (SDOH) & the Pandemic, what do we now know (that we didn't before)? Pandemic disparities can be seen as driven from a combination of SDOH factors influencing both: exposure (ie. conditions that encourage disease transmission between persons) and vulnerability (ie. underlying chronic and/or structural factors influencing health outcomes, once infected). We take a spatially explicit approach to modeling change across critical Pandemic time points as a function of underlying dimensions of exposure and vulnerability. We identify community contextual & structural variables that have been associated with the Pandemic, group according to hypothesized impacts, and integrate to develop a spatiotemporal panel. These are input into a dimension reducing factor analysis, interpreting results with a spatial-socio perspective, followed by a clustering analysis to develop distinct typologies of distinct Pandemic experiences. We summarize final components and typologies by SDOH factors as well as additional racial/ethnic indicators. Distinct regional trends emerge in both principal components and final typologies, demonstrating both effects of both spatial dependence and spatial heterogeneity. Findings have multiple implications: (1) Spatially distinct, intersecting phenomena drive Pandemic processes, rather than individual factors alone; (2) To understand the Pandemic's impact, we must quickly move beyond a "cities" focus, (3) Indigenous & Native American populated areas were significantly impacted at many magnitudes greater than other places, and (4) Infrastructure & resource allocation across populations is critical to Pandemic understandings. Typologies will be used to guide sampling of experiences of the Pandemic as a part of the [US Covid Atlas Stories Project](#).

CALENDAR

APR
21

Faculty Brown Bag
11:30 AM - 1:00 PM

APR
21

Kohn Colloquium
3:30 PM - 5:00 PM
PBB S107

APR
22

Earth Day

APR
29

Arbor Day

HAVE UPDATES TO SHARE?

Send news items, information on thesis defenses, awards, publications, events, and more to 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

[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.

[Art Education Community and Family Earth Day](#) | On Saturday, April 22nd, from 10:00 AM until 2:00 PM at the Stanley Museum of Art, families are invited to join graduate students from the University of Iowa College of Education for Art Education Community and Family Earth Day. Graduate students will lead a range of activities, from creating an art passport to weaving with found natural materials. Programs will be geared towards a variety of audiences including young children and their families, K-12 students, and adults. You can find all program descriptions, and times for each, at events.uiowa.edu/78328

[Tree Tours on the Pentacrest](#) | We're back with another year of Tree Tours on the Pentacrest. First up, is a very special Springtime Tree Tour during the Earth Day events on the Pentacrest. Find us out in front of MacBride Hall for two abbreviated tours, 30 minutes each, starting at 1:30 PM and again at 3:00 PM! Join the Pentacrest Museums in partnership with UI LiveWELL and UI Facilities Management for guided strolls on campus featuring the ecological diversity, symbolism, history, and lore of our trees. We'll dedicate some time once each season to these nature walk & talks for discovery in a program—designed for you—with resilience and curiosity in mind. Meet outside near the main entrance to MacBride Hall, at the bottom of the stairs on the eastside of the building. Tours will be conducted regardless of rain, snow, or shine (but are rescheduled if lightning is detected). All are welcome (students, staff, faculty, and the general community).

[Earth Day Open House](#) | On Saturday, April 22nd, from 12:00 PM to 5:00 PM in Trowbridge Hall, the Earth & Environmental Sciences and Geographical and Sustainability Sciences departments will be hosting a free Open House and Earth Day celebration. The day's events will include hands-on exhibits and demonstrations. Highlights include an augmented reality sandbox, stream table, rocks and minerals, insect diversity, Devonian and Ice Age fossil showings, impact craters, a virtual tour of Mars, LiDAR demonstrations, and groundwater contaminant models.

[Recycled Runway Fashion Show](#) | The purpose of Recycled Runway is to promote sustainability, educate on environmental practices, and share awareness to the community. Designers will be creating outfits out of recycled and sustainable materials. Come join us outside at the IMU River Amphitheater, 11:00 AM on April 29th, to celebrate our Earth and the work of our designers and models. Since this event is planned outdoors, we will provide information about venue changes due to unsafe weather conditions closer to the event date.

[JCMG 2023 Plant Sale & Flea Market](#) | Gardening enthusiasts call your friends to let them know the Johnson County Master Gardeners (JCMG) will host its 14th annual Plant Sale & Flea Market on Saturday, May 20, from 9 to noon, at the Johnson County Fairgrounds in Buildings B & C! Shoppers will find a wide range of perennial flowers, vegetables and herbs, shrubs and woody plants as well as the Flea Market items and Mother's Day gift selections available for sale. Shoppers may also select unique gifts at the Butterfly House Silent Auction. The Butterfly House is open to the public during the Johnson County 4-H & FFA Fair.

INTERNSHIPS & OPPORTUNITIES

- HRGreen is seeking a full-time Outside Plant Specialist for their location in Cedar Rapids. This position is responsible for field survey of outside plant aerial and underground network facilities and associate infrastructure. Learn more and apply for this job at bit.ly/hrgreenjob
- 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
- 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 CO₂ 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
- 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
- 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

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](#)