DEPARTMENT NEWS

Professor Eric Tate was selected as author for the Adaptation chapter of the Fifth National Climate Assessment (NCA5). The National Climate Assessment is the US Government’s premier report on climate change impacts, risks, and adaptation across the Nation. It is a Congressionally mandated, interagency effort that brings together hundreds of experts from federal, state, and local governments, as well as the academic, non-profit, and private sectors.

DEADLINE REMINDERS

The degree applications deadline for graduate students is fast-approaching! Remember to submit your application by 11:59pm this Friday, October 1st, to avoid paying a late fee.

Graduate students: Final Exam requests are due for all December graduates by October 12th—please contact Angie Bellew regarding necessary paperwork at angela-bellew@uiowa.edu.

KOHN COLLOQUIUM

This Friday’s Kohn Colloquium will host postdoctoral scholar Chris Hakkenberg and be held both via Zoom and in-person, in room 15 of Schaeffer Hall, at 3:30pm U.S. Central Time. Chris Hakkenberg will be presenting on Biodiversity - forest structure relationships: theory, findings, and emerging applications. Hakkenberg’s abstract can be found on the next page.

If you are interested in attending the Colloquium virtually, please contact Susan Meerdink at susan-meerdink@uiowa.edu to request the Zoom link.

HAVE UPDATES TO SHARE?

Send news items, information on thesis defenses, awards, publications, events, and more to adrian-sandersfeld@uiowa.edu by 1:00 P.M. each Tuesday to have them featured in the next Geography Weekly newsletter.
Kohn Colloquium with Chris Hakkenberg, PhD | continued from front

Abstract: Biodiversity – forest structure relationships provide a potent example of the ubiquitous 'diversity begets diversity' phenomenon in ecology, whereby forest structure (the three-dimensional spatial extent, abundance, distribution and configuration of forest vegetation) has been found to positively covary with elements of biodiversity among birds, mammals, invertebrates, and vascular plants. This empirical relationship between biodiversity and forest structure is helping ecologists uncover some of the preeminent ecological mechanisms hypothesized to underlie the assembly of ecological communities and the spatial distributions of biodiversity across the Earth surface. Moreover, the relationship hints at its untapped potential for large-scale biodiversity modeling because, unlike biodiversity, forest structure can be directly observed with high precision, at fine resolutions, and over vast and continuous extents with emerging technologies in remote-sensing. In essence, if we can remotely sense forest structure, and forest structure correlates with biodiversity, we can exploit this empirical relationship to map and monitor global patterns of biodiversity using this remotely-sensible proxy. In this talk, I will review empirical findings of the biodiversity - forest structure relationship, consider the theoretical implications for our understanding of the biogeography of biodiversity, and explore its emerging geospatial applications.

EVENTS AND INFO SESSIONS

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 Heath Davis in advance at (319) 384-5409 or heather-davis@uiowa.edu.

Course Design Series: Sustainability | English-Philosophy Building

Preparing to submit a course for the new Sustainability Gen Ed. requirement? This semester-long series will provide hands-on support in the process of (re-)designing a course. Participants will connect with other faculty members and learn from special guests who will provide insight into teaching about sustainability. Meetings of this series will be held from 1:00 pm to 4:30 pm on October 15th, October 22nd, and November 5th in room 102 (TILE classroom) of the English-Philosophy Building.

REDCap Training | Virtual Event

Are you interested in informatics and data collection, but you’re not sure what REDCap is? Want to find out if REDCap is suitable for your research project? The virtual REDCap Overview session on October 5th (10:00am - 11:00am) will cover the basics of REDCap’s functionality and capability. No previous experience is needed. We cover the basic capabilities and the latest software enhancements. Please note that this is not a hands-on course; after this training you will have a basic understanding of REDCap as a useful tool for data management and informatics. For more information, visit the Events Calendar.
Opportunities

JOB OPENINGS

**HDR, Inc.** is an employee-owned design firm—specializing in engineering, architecture, environmental, and construction services—and is currently seeking people who are passionate about geospatial and information technology, self-motivated, and have a strong desire to lead, mentor, and grow a team of GIS and information management professionals. They are currently looking to fill the full-time positions of Geospatial Manager and Senior GIS Analyst. Learn more and apply on their website.

**Schneider Geospatial** is accepting applications for open GIS Specialist and GIS Technician positions in Ankeny and Indianapolis. Schneider Geospatial is seeking an entrepreneurial and energetic GIS expert to join to our growing Insourcing team. Become a trusted member of our clients’ teams and help implement and leverage great GIS solutions across a wide range of uses. Apply online via the Schneider Geospatial Careers portal.

**Ducks Unlimited** has job opportunities available for individuals with GIS and natural resource experience. DU has been using advanced GIS and remote sensing technologies since 1984 to manage the complex issues in wetland and waterfowl management, land-use planning, and environmental conservation. This paid GIS Internship will be based in our Great Lakes/Atlantic Regional Office in Dexter, Michigan, and requires GIS experience with ESRI products and a background in natural resources, wetlands, and wildlife. They are hiring a full-time conservation GIS Intern to work with GIS professionals from their offices in Dexter, Michigan. Application details can be found in their online job listing.

GET INVOLVED WITH ICIGO

**Iowa Community Integrated Geography Organization** (ICIGO) is a student organization within the Geography and Sustainability Sciences Department that utilizes experiences and skills gained in the classroom to support projects focused on sustainability statewide and in the local community.

The benefits of joining include: hands-on experience with GIS applications, web content design, visualizations, and spatial analyses, the opportunity to manage projects and be a team player with people of varying types and levels of skills, collaborating and networking with non-profit organizations, completing projects for use in a future portfolio and résumé, glean unique spatial perspectives on your own academic disciplines and more.

The group requires 2-3 hours of participation per week and participation in regular meetings. Interested undergraduates willing to commit a few hours to real-world GIS projects for credit, get hands-on experience, and get involved should contact Adam Skibbe, our GIS Administrator, at adam-skibbe@uiowa.edu or visit the ICIGO website for more information.
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**

- **Uilowa COVID Fall 2021 Guidelines**