



The K-State Globe

Department of Geography and Geospatial Sciences, Kansas State University

6 May 2024

Departmental Events

Geography Colloquium: Wyatt Cheney, “The Perceived Barriers Among Prescribed Burn Association Members to Burning on Kansas Grasslands and Conservation Reserve Program Lands,” Master’s Thesis Defense Presentation, 9 May at 11:30 am, Seaton 1069.

Department Awards and Scholarships List (both undergrad and grad): The geography and geospatial sciences department presented its departmental awards and scholarships at its annual honors and awards reception on May 2. The department awarded \$50,000 in scholarship funds to undergraduate and graduate students for the 2024-2025 academic year.

The following students received awards:

Ifeoma Okonye, master’s student, Shreya Ojha, doctoral student, and Harsimran Singh Sodhi, doctoral student, Steven Kale Graduate Research Fellowships,

Sande Williams, master’s student, Neda Mohamadzadeh, doctoral student, and Ifeoma Okonye, master’s student, William Grimm Undergraduate Scholarship,

Jessie McClellan, senior, Huber Self Scholarship in Geography,

Logan Cox, senior, H.L. Seyler Undergraduate GIScience Scholarship,

Stephanie Williams, senior, and Jessie McClellan, senior, LeBlanc Outstanding Undergraduate Major Award,

Jessie Williams, senior, and Stephanie Williams, senior, NCGE/AAG Excellence in Scholarship Award,

Shreya Ojha, doctoral student, Moupyali Chakravarty, doctoral student, Sande Williams, master’s student, and Mobashsira Tasnim, master’s student, Stephen and Susan White GTA Excellence Award,

Roberto Trigueros, freshman, Jessie McClellan, senior, Sabrina Johnson, senior, Ian Woodruff, junior, Sydnie Sykes, sophomore, Joaquin Sporleder, junior, and Joseph Arredondo, senior, Robert H. Williams Undergraduate Geography Scholarships,

Denise Chavez Reyes, doctoral student, Department Leadership Award,

Denise Chavez Reyes, doctoral student, Dobbs Outstanding Citizen Award,

Jessie McClellan, senior, Caroline Ruto, doctoral student, and Michael Madin, doctoral student, Milton and Emma Jean Rafferty GTU Geography Scholarships,

Moupyali Chakravarty, doctoral student, Marston Muddy Boots Award,

Duncan Young, senior, Linda Patterson Geography Scholarship,

Shreya Ojha, doctoral student, Hartington Family Scholarship,

Duncan Young, senior, Steven Kale Undergraduate Research Fellowship.

Congratulations to all the award recipients and thank you to all the department alumni donors who make these scholarships possible.

Weekly Geography Faculty Coffee Hour: 8 May at the Students Union, 8/8:15 am.

Student Opportunities

Undergraduate Research Assistant: Seeking an undergraduate research assistant who is 21 years of age or older to conduct data collection in California during the summer. The primary responsibility will be to pass out surveys to people hiking in national forests. The selected applicant will spend 8 weeks from June 10-August 10 travelling across Cleveland, San Bernardino, Angeles, and Los Padres National Forests in Southern California passing out surveys to hikers. Additionally, there will be one week of paid training before they depart. They will work 40 hours per week at \$15/hr and they will be paid for 9 weeks (1 week of training plus 8 weeks in California). While in California, food, lodging, rental car, and gas will be fully covered. This is a great opportunity to spend 8 weeks in California and save money! If you're interested, please email Dr. Brian Peterson (Department of Horticulture and Natural Resources) at brianpeterson@ksu.edu.

Geography Student Scholarship: The Kansas Association of Mappers (KAM) accepts applications online for the John Cowan Memorial Scholarship. The scholarship provides financial assistance to students within the State of Kansas pursuing a professional career in the field of Geography attained through a geographic-focused education. The successful applicant must be: 1) enrolled as an undergraduate, post-baccalaureate, or graduate student in a post-secondary educational institution within the State of Kansas, 2) enrolled in coursework that is necessary to begin a career in a Geography-based profession., and 3) able to show the intent to make Geography or a Geography-related career the major focus of your higher education. A maximum scholarship of \$1,000 will be awarded once proof of enrollment has been received by the Treasurer of KAM. K. John Cowan, one of KAM's most respected members, passed away in February 2010 after a battle with cancer. John was passionate and outgoing about the importance of geographic knowledge, and this scholarship seeks to symbolically carry on John's passion by providing financial assistance to those with a desire for a higher education in geography. Apply online at <https://www.kansasmappers.org/JCM>. Application period is now through April 15, 2024.

Employment Opportunities

The Department of Geography and Environmental Sciences (GES), University of Colorado Denver is seeking a candidate to direct, maintain, and manage the Geospatial Analysis and Mapping Laboratory (GAMLab). The GAMLab Program Director position is a staff position within GES and will report directly to the Chair of the department. The successful candidate will be dynamic, innovative, and possess an entrepreneurial spirit to advance the capacity and mission of the lab. In addition, the candidate will build new and maintain current relationships with faculty in GES and affiliated departments, as well as develop awareness of the lab and its services with the Denver and the Colorado Front Range communities through networking activities and events. This position follows a hybrid work structure, where employees can work remotely or from the office, as needed, based on the demands of specific tasks. Working from the office is encouraged when working on tasks that require a high degree of

collaboration and/or supervision of employees. Minimum Qualifications include: 1) A Master's degree in Geography, Geospatial Science, Environmental Science, Urban Planning, or related field from an accredited institution, and 2) One (1) year of research and/or project management experience following completion of a graduate degree in the fields of cartographic design, geospatial analysis, and/or remote sensing analysis. Preferred Qualification to possess one (1) or more years of experience working in a university, 2-4 - year institutional campus, or higher education environment and two (2) years of experience with cartographic design and/or geospatial analysis.

The Department of Geography and Environmental Studies at Central Michigan University seeks a Lecturer for a fixed term position in Environmental Studies. This is a full-time, one-year appointment for the 2024-2025 academic year (August 2024 through May 2025), with benefits included. Duties include instructing courses through in-person and/or online delivery methods, grading assigned coursework, maintaining regular office hours, and participating in assessment. The appointment will commence at the start of the fall 2024 semester. The successful candidate will teach four sections per semester. Depending upon the successful candidate's interests, possible courses may include a combination of classes from the following subjects: Environmental Justice, Introduction to Environmental Studies, From Farm to Table: Food Systems in a Changing World, Sustainability and Environmental Policy, Introductory Urban Planning, Water Resources Management, or Adapting to Our Changing Climate. Course levels may range from introductory to advanced undergraduate classes. Applicants are encouraged to indicate in their cover letter which of these courses they are interested in teaching. The successful candidate will also participate in the department's annual assessment reporting. The candidate must submit an on-line application at <https://www.jobs.cmich.edu/> to be considered as an applicant for this position. Cover letters may be addressed to the Hiring Committee. Questions may be addressed to Dr. Matthew Liesch, Department Chair.

Center for Rural Health Research, East Tennessee State University seeks full-time GIS Specialist. Preferred qualifications include: Master's degree in geography, geosciences, public health, epidemiology, or related programs and a graduate GIS certificate; 2) proficiency in programming language such as python or R for machine learning applications; and 3) experience with research processes. The position involves extensive data visualization responsibilities using ArcGIS and Tableau, making it an excellent opportunity for candidates with a Master's degree. Applicants with a Bachelor's degree and relevant experience will also be considered. Contact Dr. Qian Huang. Phone: (423) 439-5452
Web: <https://www.etsu.edu/cph/rural-health-research/>.

The University of North Alabama Department of Geoscience invites applications for a tenure-track Assistant Professor position starting in August 2024. Applicants must possess an earned doctorate in Sustainability, Earth Science, Environmental Science, Geography, Geology, or related discipline by August 2024. Applicants should have an extremely broad background in Sustainability, with the ability to successfully teach several lower and upper-level courses in Sustainability. The department seeks an individual with a strong commitment to undergraduate and international teaching. Review of applications will begin immediately and continue until the position is filled. The standard teaching workload is four courses per semester (eight courses per year), which will include introductory and upper-level courses, both in-person and online for the department's sustainability program offered through the University of North Alabama-Guizhou University International College of Engineering and Technology in Guiyang, China. The successful applicant will be expected to teach at least two months per semester in China (Chinese language ability is preferred, but not required as courses are taught in English). Minimum qualifications include: 1) PhD in sustainability, earth science, environmental science, geography, geology, or a related discipline, in hand by the time of appointment, is required; 2) ABD status candidates will be accepted provided degree requirements will be met by the time of the appointment; 3) Ability to teach introductory and advanced courses in physical geology, climate change, sustainable energy, environmental systems, sustainable ecosystems, sustainable water resources,

sustainable food and agricultural, and sustainable waste management is required; 4) Ability to teach at least two months per semester in China is required; 5) Current, valid passport/visa status that allows travel out of the country multiple times per year beginning at the time of appointment is required; 6) Track record of external grants that have involved and funded students is preferred; and 7) Experience with Quality Matters course certification is preferred. To apply for this position, please visit Online Employment System at <https://www.schooljobs.com/careers/una/jobs/4412563/tenure-track-assistant-professor-of-geoscience-sustainability>. Applications will only be accepted via this system. Please be prepared to upload a cover letter and resume/CV at the time of application, as well as provide contact information for at least three professional references. In addition, this position requires submission of a one-page diversity statement, the details of which may be found here - <https://www.una.edu/humanresources/files/employment/deistatements.pdf>.

Transcripts for the highest degree attained are required for a complete application packet. Official transcripts for the highest degree attained are required of the successful candidate, but unofficial copies will be accepted for the application process. If any of your graduate hours in the relevant teaching discipline are taken from a degree(s) that is not your highest attained, an official transcript of that degree(s) must also be submitted. Electronic copies, if available, of unofficial transcripts may be attached under the attachment headings of Unofficial Transcript 1, Unofficial Transcript 2, etc. Electronic copies of unofficial/official transcripts may also be requested to be sent to employment@una.edu. Official transcripts must be sent directly to HR from the issuing school via email to be considered official. Transcripts with a designation of "Issued to Student", or with the student's name listed as the recipient will not be considered official. Official transcripts will be required of the successful candidate prior to the start date of the appointment, but unofficial copies will be accepted for the application process. The diversity statement and transcripts must be uploaded in the application section as SUPPLEMENTAL ATTACHMENTS. The supplemental attachment link will only appear after the required attachments of cover letter and resume/CV have been uploaded. If you have previously worked at UNA as an adjunct or faculty member and your transcripts are already on file, please email employment@una.edu and ask that they be moved to your completed application for this position. *Applications submitted without supplemental attachments will be considered incomplete and non-viable.* For questions, please email employment@una.edu or call 256-765-4291 and select option #2. Selecting an option other than #2 may result in a delayed response.

The Department of Geography at Oklahoma State University invites applications for a one-year VISITING ASSISTANT PROFESSOR position in HUMAN-ENVIRONMENTAL GEOGRAPHY and MIXED METHODS beginning August 2024. The department seeks candidates whose expertise supports Geography and Global Studies degree programs, and our Geography graduate program. Possible courses at the undergraduate level may include Field Methods and Geodata Collection, Cultural Geography, and Intro to Physical Geography, and graduate seminars on Mixed Methods and Human Dimensions of Global Environmental Change. The ability to teach in-person and online is preferred. The department seeks candidates strongly committed to fostering inclusive learning environments, active pedagogy, and student success. **Qualifications:** Candidates must have a Ph.D. in Geography or a closely related field by the time of appointment. **Applicant Instructions:** Applicants must submit the following materials: (1) letter of application describing their teaching experience and interest in the position, (2) curriculum vitae, (3) statement of teaching philosophy and teaching effectiveness (2 pages), and (4) contact information for three professional references. Candidates are also welcome to include evidence of teaching effectiveness, sample syllabi, or other relevant information. Review of applications will begin on **April 30, 2024**; however, applications will be accepted until the position is filled. The position is contingent upon available funding. OSU is an AA/EEO/E-Verify Employer. Further information is available on the department website: <http://www.geog.okstate.edu>. Any questions may be directed to Dr. Carlos Cordova, Search Committee Chair, carlos.cordova@okstate.edu.

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Sustainability, Earth Science, Environmental Science, Geography, Geology, or related discipline by August 2024. Applicants should have an extremely broad background in Sustainability, with the ability to successfully teach a few lower and upper-level courses in Sustainability. The department seeks an individual with a strong commitment to undergraduate and international teaching. Review of applications will begin immediately and continue until the position is filled. The standard teaching workload is four courses per semester (eight courses per year), which will include introductory and upper-level courses, both in-person and online for the department's sustainability program offered through the University of North Alabama-Guizhou University International College of Engineering and Technology in Guiyang, China. The successful applicant will be expected to teach at least two months per semester in China (Chinese language ability is preferred, but not required as courses are taught in English). Minimum qualifications include: 1) PhD in sustainability, earth science, environmental science, geography, geology, or a related discipline, in hand by the time of appointment, is required; 2) ABD status candidates will be accepted provided degree requirements will be met by the time of the appointment; 3) Ability to teach introductory and advanced courses in physical geology, climate change, sustainable energy, environmental systems, sustainable ecosystems, sustainable water resources, sustainable food and agricultural, and sustainable waste management is required; 4) Ability to teach at least two months per semester in China is required; 5) Current, valid passport/visa status that allows travel out of the country multiple times per year beginning at the time of appointment is required; 6) Track record of external grants that have involved and funded students is preferred; and 7) Experience with Quality Matters course certification is preferred. Knowledge, skills, and abilities include excellent written and verbal communication skills, including the ability to teach, inspire, and mentor students; willingness to teach in-person, hybrid, and online modalities; ability to be active in research and scholarship, especially involving students; ability to recruit students to the departmental majors; ability to use social media to enhance departmental recruitment efforts, and the ability to work with and engage diverse students and colleagues within and outside of the department. To apply for this position, please visit our Online Employment System at <https://www.schooljobs.com/careers/una/jobs/4412563/tenure-track-assistant-professor-of-geoscience-sustainability>. Applications will only be accepted via this system. Please be prepared to upload a cover letter and resume/CV at the time of application, as well as provide contact information for at least three professional references. In addition, this position requires submission of a one-page diversity statement, the details of which may be found here - <https://www.una.edu/humanresources/files/employment/deistatements.pdf>.

Transcripts for the highest degree attained are required for a complete application packet. Official transcripts for the highest degree attained are required of the successful candidate, but unofficial copies will be accepted for the application process. If any of your graduate hours in the relevant teaching discipline are taken from a degree(s) that is not your highest attained, an official transcript of that degree(s) must also be submitted. Electronic copies, if available, of unofficial transcripts may be attached under the attachment headings of Unofficial Transcript 1, Unofficial Transcript 2, etc. Electronic copies of unofficial/official transcripts may also be requested to be sent to employment@una.edu. Official transcripts must be sent directly to HR from the issuing school via email to be considered official. Transcripts with a designation of "Issued to Student", or with the student's name listed as the recipient will not be considered official. Official transcripts will be required of the successful candidate prior to the start date of the appointment, but unofficial copies will be accepted for the application process. The diversity statement and transcripts must be uploaded in the application section as SUPPLEMENTAL ATTACHMENTS. The supplemental attachment link will only appear after the required attachments of cover letter and resume/CV have been uploaded.

The Department of Geography, Environment and Spatial Sciences at Michigan State University is seeking a candidate to fill the position of Director for the Remote Sensing & GIS Research and Outreach Services (RS&GIS) program. The successful candidate is expected to: 1) guide RS&GIS's operations and

provide strategic vision, 2) pursue grants and contracts to support RS&GIS, 3) conduct basic and/or applied research at the forefront of Geographic Information Science (GIScience) to solve problems from local to global scales, 4) teach one class per year within the Department, and 5) complete a variety of administrative tasks necessary for running a soft money research and outreach unit. Primary responsibilities include managing RS&GIS staff and obtaining external grant funding and conducting research that utilizes the skillset of existing staff employed by RS&GIS and the Department. The Director will also serve as the principal investigator for the program's outreach opportunities, and both pursue their own research interests, as well as integrate geospatial technologies into research initiatives through interdisciplinary collaboration within the Department and across campus. To assist with this, the Director will have access to a successful, innovative, collaborative team of analysts, developers, and talented and ambitious Department faculty. To ensure success, the candidate must have a strong grasp of geospatial technologies and a demonstrated ability to solve real-world problems using innovative techniques within a team environment. Postdoctoral experience is expected as well as capacities in, but not limited to, spatial data analysis, data analytics, data automation, remote sensing, image processing, location intelligence, software development, 3D modeling, GPS, spatial statistics, and unmanned systems. Educational requirements include a Ph.D. in Geography or a Ph.D. in another field with a strong focus on utilizing geospatial technologies as the primary analysis technique. Required Application Materials include: 1) Cover Letter; 2) CV/Resume/Vision; 3) Mission Statement; 4) Names and contact information for three references; 5) Research Interest and description; and 6) Writing Sample. Review of applications will continue until a suitable candidate is selected. Inquiries can be directed to Dr. Shortridge at ashton@msu.edu. Review of Applications Begins On 02/01/2024. Website <https://rsgis.msu.edu/>.

Texas Tech University, Lubbock, Texas is seeking a position for a Lecturer – Geosciences. This is a 12-month, full time, position with summer duties. This position will have both lecture and academic advising duties with a 75/25 split. Some of the responsibilities of the position included: 1) The teaching of two courses per Fall and Spring terms; 2) Coordination of Geography graduate student schedules; 3) Assignment of Graduate Teaching Assistant responsibilities; 4) Maintaining records of lab safety and maintenance compliance; 5) Mentoring the development of good teaching practices for graduate Teaching Assistants; 6) Provide a liaison for professional and scholarly opportunities for Geography majors; 7) Mentor undergraduates as they make the transition to graduate school or workforce; 8) Assist and/or lead recruiting and outreach activities to promote the Department of Geosciences and its academic programs; 9) Liaison-point between Geography group and University operation teams; 10) Advise undergraduate students who are declared majors and minors in the Geography and the Environment and Geographic Information System programs on appropriate course selection and enrollment for compliance with guidelines for degree completion. Required Qualifications include: 1) Completion (by the time of the appointment) of a M.S. in Geography or a related field; 2) A record of teaching experience as a Graduate Part-Time Instructor or Graduate Teaching Assistant in an undergraduate program in area of expertise; and 3) Subject knowledge necessary to teach undergraduate courses in the general field of Human Geography, including Introduction of Human Geography, Regional Geography of the World, Technology and the Human Landscape, Seminar in Geography (Senior Capstone course), Social and Cultural Geography, and Geography of US and Canada. To apply, visit workattexastech.com.

The Department of Environment and Sustainability (DoES) at **Ohio Wesleyan University (OWU)** is seeking a Visiting Assistant Professor of earth science for the 2024-2025 academic year. The department seeks a broadly trained individual with an earth sciences background and teaching and research abilities in environmental water, hydrology, and/or soils and earth surface processes, emphasizing connecting scientific research and environmental management in practice and related social issues. Interdisciplinarity, flexibility, and creativity in teaching, research, and service are essential. Candidates should address how they will integrate OWU's signature program, the OWU Connection, in their research and teaching. The OWU Connection emphasizes experiential learning such as funded, student theory-into-practice research, internships, creative projects, service learning, and travel learning.

Candidates should explain how they will help build a diverse and inclusive campus community as part of their teaching and research. The department strongly encourages candidates who can address social and environmental justice as part of their teaching and research to apply. Finally, candidates should describe their ideas for innovative and entrepreneurial approaches to higher education's challenges in the coming decades. Position responsibilities, beginning Fall of 2024, include three courses per semester, including a foundational course (e.g., hydrology, water science, soils, etc.) and contributing to sections of our broad introductory earth science course, a new environmental laboratory course, upper-level environmental course or additional courses in the candidate's area of expertise. Requirements include: 1) The successful candidate must have a Ph.D., or be on track to complete their Ph.D., by August 2024, in an earth science-related field, including earth science, geography, geoscience, hydrology; and 2) Proven record of successful teaching experience and an active research agenda. Completed application packets will include: 1. Cover letter, 2. Teaching statement, 3. Diversity statement, and 4. Curriculum Vita. The department will request three letters of recommendation and transcripts upon an initial review of submitted letters of interest. It will begin review of application materials on 01 April 2024.

The **Department of Geosciences** at Boise State University invites applications for a Tenure-track Assistant Professor of Geophysics, beginning August 2024. The department seeks a motivated scientist and educator with skills and expertise in Geodynamics, preferably with an emphasis in Geodesy and/or Seismology, to complement our current areas of excellence and to take program in new directions. The successful candidate will contribute to the Geoscience curricula through both undergraduate and graduate teaching and will build a strong research program through a combination of external funding and departmental support. A Ph.D. in geophysics or related field is required, including evidence for achieving excellence in research and teaching commensurate with experience. Preferred qualifications include: 1) Research interests that complement existing areas of strength within the geophysics program; 2) Experience or strong interest in supporting student success through an accessible, inclusive, and equitable learning environment; 3) Evidence of ability to procure grant funding; 4) Demonstrated ability in teaching geophysics and computational techniques and commitment to advancing instruction of these topics across the Geosciences curriculum in collaboration with other faculty; 5) Experience or strong interest in evidence-based instructional practices in teaching and mentoring; and 6) Evidence for ability to work collaboratively with diverse groups within and external to the university. Please submit: 1) A letter of application including qualifications and interests relevant to the position; 2) Curriculum vitae including employment history, education, and professional activities; 3) Statement of research interests, including program development plans, potential for collaborations, and commitment to promoting an inclusive research environment; 4) Statement of teaching philosophy including evidence of demonstrated or potential excellence in teaching and commitment to promoting success of all students; and 5) Contact information for three references. Questions about the position can be directed to Matt Kohn, Search Committee Chair (mattkohn@boisestate.edu). Review of applications will begin on February 23, 2024, and continue until the position is filled.

Please contact Bimal Paul (bkp@ksu.edu) with K-State Globe item.