Departmental & Campus Events

**Geography Department International Holiday Potluck:** 11 December, 10:00 am – 2:00 pm, Seaton 1069.

**Weekly Geography Faculty Coffee Hour:** (Last meeting for this semester) 12 December, 8:15 am, K-State Student Union.

Publication


This paper is featured by News & Views in Nature Geoscience:


**Dataset:**


Grant

**Audrey Joslin** awarded a University Small Research Grant for proposal titled, “Payments for Ecosystem Services in a Volatile Landscape: Examining the Conservation Reserve Program in the Context of Wildfire,” for $2390.

Student Opportunities

**The Department of Social Sciences at Michigan Technological University** is now accepting applications for its MS and PhD programs in Industrial Heritage and Archaeology (IHA). Teaching and research assistantships are available that provide two years of funding for MS students and a minimum
The Department of Geography at the University of Florida is accepting applications for a graduate research assistant position in hazards geography and GIS, to begin in August 2019. The assistantship will provide a stipend, health insurance, and cover the cost of tuition. This student will work alongside Dr. Kevin Ash, and will actively participate in research on the topics of hazard vulnerability and resilience, risk perception, and risk communication, with a principal focus on weather and climate-related hazards in the southeastern United States. Preferred candidates will be seeking a doctoral degree in Geography and should possess a Master's degree in Geography, GIScience, Urban & Regional Planning, Meteorology or Atmospheric Science, Environmental Science, Sociology, or a related discipline. Students who wish to pursue a Master's degree in Geography will also be considered for this position. The ideal candidate will be strongly motivated to advance theory and methodology in hazards geography and GIS, while also contributing to disaster risk reduction efforts through collaboration with researchers and scientists in the public and private sectors. Applicants should demonstrate prior training and experience in geographic information systems (GIS) as well as geospatial & statistical analysis. Skills and experience in programming (e.g., Python, R), mixed-methods research, social media research, public surveys, or qualitative research are desirable but not required. The position will require effective oral and written communication and organizational skills. Interested candidates should contact Dr. Kevin Ash (kash78@ufl.edu). In your initial email, please include a CV, GRE scores (if already completed), and a brief statement outlining your research interests as well as any relevant skills, experiences, and previous coursework. To apply, please visit: geog.ufl.edu/programs/grad/admissions and admissions.ufl.edu/apply/graduate. Note that all application materials, including letters of reference, must be submitted to the University of Florida Graduate School and Department of Geography no later than January 31, 2019.

The Center for Human Dynamics in the Mobile Age (HDMA) at San Diego State University (SDSU) is recruiting TWO motivated Ph.D. students to join its research center in Fall 2019. The selected students will be fully funded (monthly salary and full benefits plus fee/tuition waivers for 4 years). The students will apply geospatial thinking to work on multiple research projects to address public health issues such as health disparities, cancer control, environmental exposure, built-environment, and health care accessibility. Two key ongoing projects are: 1) Public Health and Cancer Control projects collaborating with UC-San Diego Moores Cancer Center and City of Hope; and 2) a recently funded NIH-NIMHD project, "SDSU HealthLink Center for Transdisciplinary Health Disparities Research." The ideal candidates will have strong interests in GIScience, big data analytics, spatiotemporal data management, geocomputation, and health/medical geography. Strong quantitative skills (e.g., computer modeling, statistics), programing (e.g., Python, JavaScript, Java, R) and database experiences, excellent written and verbal communication skills, and ability to work in an interdisciplinary team environment are desirable. The students are also expected to work with a multidisciplinary research team at HDMA (http://humandynamics.sdsu.edu/). The PhD students will be entering a distinctive Joint Doctoral Program (JDP) between San Diego State University and University of California, Santa Barbara. Bringing together two outstanding institutions, the JDP program offers many advantages and provides the essential education, technical training and creative experience necessary for professional activity including college-level teaching. For more information about the department and JDP, please visit the following websites.

geography.sdsu.edu/index.php (Department)
geography.sdsu.edu/Study/Doctoral/doctoral.html (JDP)
To apply, please check geography.sdsu.edu/Study/Doctoral/d_apply.html for application procedures. The University online application deadline is December 15, 2018. For more information about this position, please contact Dr. Ming-Hsiang Tsou ([mtsou@sdsu.edu]mtsou@sdsu.edu) and Dr. Atsushi Nara ([anara@sdsu.edu]anara@sdsu.edu). Please include a copy of your CV, unofficial academic transcripts, GRE scores, TOEFL Scores (for international students only), and a brief personal statement that highlights skills relevant to the position.

Department of Environment and Society, Utah State University seeks two NSF-funded graduate research assistantships under Dr. Peter Howe. The graduate RA will work on an NSF-funded project focusing on public perceptions of climate change, adaptation behavior, and geovisualization. The project will develop and validate methods to model dynamic geographic patterns in public perceptions, attitudes, and behaviors in the context of climate change adaptation. Prior research experience with R, GIS software, and survey data analysis is strongly preferred. Candidates should also have strong communication skills. Interest in interdisciplinary research focused on climate change adaptation that integrates social and environmental sciences is also preferred. Prospective students may also apply to NSF-funded national research traineeship program in Climate Adaptation Science at USU.

To inquire, contact Dr. Howe at peter.howe@usu.edu. Inquiries that describe your research interests and provide a CV, unofficial transcript, and GRE scores are most helpful to provide sufficient information about your background. Full applications should be received by Feb. 1 for consideration.

Job Opportunity

The Department of Geosciences at Texas Tech University seeks a scholar with research expertise in remote sensing and physical geography/environmental science, to fill a tenure-track, assistant professor position to begin Fall 2019. The successful candidate will pursue development of cutting-edge remote sensing techniques or innovative applications of remote sensing in one or more areas of physical geography/environmental science. A research focus on earth systems/global perspective is desirable, but not required. The successful candidate will have a strong track record of, or great promise for, teaching excellence at the graduate and undergraduate levels and scholarship commensurate with the standards of a research-intensive university. The candidate should demonstrate ability or potential to establish and sustain a strong academic program in remote sensing and their field of specialization, and to contribute to the synergy of the existing department strengths. Teaching duties will include remote sensing and other courses in geography related to the candidate’s interests. Candidates who have strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. Texas Tech recently passed the Hispanic student population threshold for designation as a Hispanic Serving Institution and we seek candidates who have an ongoing commitment to serving diverse student populations. A PhD in geography or related discipline at the time of appointment is required. Evaluation of candidates will begin January 15, 2019 and continue until the position is filled.

The Department of Geosciences includes programs in Geography, Atmospheric Science, Geology and Geophysics. There is a BA and MS in Geography and PhD in Geoscience (adaptable to Geography). At Texas Tech, opportunities for research collaboration exist through the Climate Science Center, Center for Geospatial Technology, National Wind Institute, Water Resources Center and with the Departments of Natural Resource Management, Plant and Soil Science, and Biological Sciences. The university is also close to the TTU Health Science Center and USDA ARS research facilities offering the potential for off-campus research collaboration. A letter of application, including names of three referees, short
The Southern Utah University (SUU) Geosciences Program, encompassing Geology and Geography, seeks applicants for a full-time, 9-month tenure-track position in the field of geography and GIS at the assistant professor level. The position requires a Ph.D. in geography at the time of initial appointment. Ideal candidates will demonstrate a commitment to teaching and undergraduate research that will take advantage of the exceptional geographic resources of southern Utah and the Intermountain West. Teaching responsibilities encompass 12 course credits of lab and lecture courses per semester. Required courses to be taught include introductory courses (both general education and required major courses) and upper division level classes determined by the applicant’s area of expertise. A candidate is sought who possesses the ability to teach courses in all areas of geography, including physical geography, human geography, and GIS. Also, a candidate is sought with administrative experience to assist in implementing the new bachelor's degree program in geography. The successful applicant will describe possible research related to his or her area of interest, and which takes advantage of the university's location in southern Utah, including the Colorado Plateau and the Great Basin. SUU supports integrative, interdisciplinary collaboration and facilitates access to a variety of internal and external funding sources. Additional information may be obtained from Dr. Paul R. Larson (larson_p@suu.edu).

Weber State University invites applications for an interdisciplinary tenure-track position starting Fall 2019. The University seeks a person with broad expertise in GIS, Remote Sensing, Cartography, and related Geospatial Techniques. The successful candidate will join a newly created interdisciplinary geospatial program (NUGeoTec: www.weber.edu/nugeotec). This new position provides a tremendous collaborative opportunity (with a dual appointment in the Geography and Geosciences Departments) to help build a state-leading, innovative geospatial education program that broadly serves the university's mission.

The Department of Geography at the University of Connecticut, Storrs seeks an outstanding scholar to fill a tenure-track position at the Assistant Professor level in Geographic Information Science (GIScience) with an expected start date of August 2019. The department is seeking applicants who specialize in spatial data science with a focus on one or more areas, viz., Geovisualization (e.g. webGIS, digital cartography, visualization of large, complex, and multidimensional geospatial and movement data) and Analytics and Modeling (e.g., advanced spatial modeling, space-time analytics, spatial interaction, network analysis, data mining). The department particularly welcomes applicants who are able to strengthen existing research cluster of Geographic Information Science and Systems and complement other clusters of Spatial Analysis of Social Issues, Earth System Dynamics, and Human-Environment Dynamics by critically applying GIScience methods. Successful candidates will have the opportunity to teach advanced courses in GIScience and other courses in their area of specialization. The successful candidate will have a PhD in Geography or a related discipline by August 23, 2019; a proven record of excellence in teaching; demonstrated potential in establishing a successful research and scholarship program; and a deep commitment to promoting diversity through an academic or research program. The successful candidate will be expected to establish and maintain a strong program of research and publication in GIScience and to develop a robust, externally funded research portfolio that advances the candidate’s research as well as the mission of the Department of Geography. The successful candidate will teach undergraduate and graduate courses in GIScience and take an active role in bringing currency and creativity to the development of the curriculum. The successful candidate will also demonstrate an ability to mentor graduate and undergraduate students, to participate in outreach activities, and to contribute in meaningful ways to the diversity and intercultural goals of the University. To apply, please go to academicjobsonline.org/ajo/jobs/12621. Select "Apply" to be redirected to Academic Jobs Online to complete your application. Please submit a curriculum vitae, letter of application, statement of research and teaching interests, and two samples of publications. Follow the
instructions in Academic Jobs Online to direct three reference writers to submit letters of reference on your behalf. For questions, please contact Debs Ghosh at debarchana.ghosh@uconn.edu and/or Chuanrong (Cindy) Zhang at cindy.zhang@uconn.edu. Review of applications will begin January 1, 2019 and continue until the position is filled.

**The Department of Geology & Geophysics at the University of Utah** seeks applications for a tenure track position at the Assistant or Associate Professor level in geodesy or remote sensing beginning fall 2019. The successful candidate will be expected to develop an internationally visible, externally funded research program and teach departmental courses at the undergraduate and graduate levels. A Ph.D. is required at the time of appointment. The department will consider candidates in a broad range of specialties in geodesy and remote sensing. Example specialties include: GPS, InSAR, gravity, Lidar, multi-band and hyperspectral imaging. The department particularly welcomes candidates who contribute to the existing departmental strengths, especially in one or more of three broad topical areas in which future growth is envisioned: (1) Surface Processes and Hazards, (2) Sustainable Resource Science and Engineering, and (3) Earth and Planetary Evolution. To apply, candidates should submit (1) statement of interest, (2) summary of current research activities and future research and funding plans, (3) teaching statement describing teaching philosophy and proposed courses at the graduate and undergraduate levels for the University of Utah, (4) diversity statement describing commitment to diversity, equity, and inclusion and the mentoring of diverse students and junior colleagues, (5) curriculum vitae, and (6) names and contact information for five referees. Research and teaching statements should be limited to four pages each. All documents must be upload and submitted via the University of Utah's employment porthole: https://employment.utah.edu. Specific questions about the position should be directed to M. Thorne [michael.thorne@utah.edu]. More Information about the Department of Geology and Geophysics can be found at: http://www.earth.utah.edu.

**Idaho State University** and **the Center for Ecological Research and Education** invite applications for an Assistant Professor of environmental social science or social-ecological systems science to begin August 2019. This position is linked to a recently awarded National Science Foundation Established Program to Stimulate Competitive Research (EPSCoR) Research Infrastructure Improvement Program grant (www.idahogem3.org), which will facilitate transdisciplinary research to uncover the fundamental genetic, environmental, social, and policy mechanisms connected to the adaptive capacity of two iconic organisms in Idaho: sagebrush and rainbow trout. The Center seeks applicants whose research interests are focused on some combination of human adaptation to environmental change, land use change and/or decision-making, water management and decision-making, and the social dimensions of fish across a range of scales. The Center is interested in candidates from a broad range of disciplines, including geography, sociology, political science, and anthropology. Candidates with expertise in modeling social-ecological systems, participatory modeling, or scenario analysis are particularly encouraged to apply. The successful candidate will have a research-intensive appointment for at least the first four years of their position, with a 1:1 teaching load, and the person hired will be expected to collaborate on GEM3 grant activities. The selected candidate’s tenure track home will be in the department most relevant to their disciplinary expertise in the College of Arts and Letters. Review of applications will begin December 8th and continue until the position is filled. Applicants should submit 1) a letter of interest that addresses the position criteria and includes a statement of research and teaching interests; 2) a curriculum vitae; 3) a representative manuscript; and 4) names and contact information for three references. Inquiries about the position may be directed to search committee chair, Dr. Morey Burnham (burnmore@isu.edu). More information and a link to the application can be found here: https://isu.csod.com/ats/careersite/JobDetails.aspx?id=710&site=1
The Department of Geosciences at Mississippi State University invites applications for a nine-month tenure-track position in Human Geography at the rank of Assistant or Associate Professor, with expertise in one or more of the following areas: economic geography, political ecology, political geography, health geography, food security, geographies of race, gender and sexuality, or another closely aligned area. We seek an energetic and enthusiastic scholar who can contribute to Mississippi State University's research priorities in the areas of 'addressing disparity', 'securing our future' and/or 'leading in the 21st century economy'. The anticipated start date is August 15th, 2019. Applicants will be expected to develop and teach undergraduate and graduate courses in regional geography, as well as their area of expertise. Additionally, applicants will be expected to supervise masters and doctoral students. Successful applicants will hold a Ph.D. in geography or a closely related field at the time of appointment and demonstrate: (1) evidence of (or the potential for) excellence in research, teaching, and student mentoring; (2) a record of peer-reviewed publications; (3) the capacity to develop and direct an active, externally-funded research program; and (4) a commitment to professional service.

Candidates may apply on-line by submitting a cover letter that includes the applicant's teaching philosophy and current and future research plans, curriculum vitae, and a list of three references with contact information through the Mississippi State University HRM Online Employment System: explore.msujobs.msstate.edu/cw/en-us/job/...= or by going to http://explore.msujobs.msstate.edu/and searching for job number 497644. The position will remain open until filled; however, the review of applications will begin November 16, 2018. For questions about the position or the application process, please contact Dr. Shrinidhi Ambinakudige (Search Committee Chair): ssa60@msstate.edu.

Please contact Bimal Paul (b kp@ksu.edu) with K-State Globe items.