Departmental Events

Weekly Geography Faculty Coffee Hour: 12 and 19 of May, 8:15 am via Zoom.

Job Opportunities

Visiting Assistant Professor in Human Geography. The Department of Geography at Oklahoma State University invites applications for a one-year VISITING ASSISTANT PROFESSOR in HUMAN GEOGRAPHY beginning August 2021. We seek candidates whose expertise supports our Geography and Global Studies degree programs, particularly our international and social science curricula. Possible courses may include World Regional Geography, Latin America, the Middle East, International Resource Management, and/or Sustainable Tourism.

The Department of Geography is a doctoral-granting department housed in the College of Arts and Sciences (CAS). The department currently has 15 full-time faculty members, 70 undergraduate majors, and 25 graduate students. The department offers degrees in Geography, Geospatial Information Science, and Global Studies. Oklahoma State University is a comprehensive flagship, land-grant, Carnegie Tier 1 research institution with more than 24,000 students on its combined Stillwater and Tulsa campuses. Students come from all 50 states and around 120 nations. With 24 departments and approximately 6,000 students, CAS is the largest and most diverse college at OSU. CAS interdisciplinary programs and centers include Africana Studies, American Indian Studies, American Studies, Gender and Women’s Studies, and Religious Studies. Since 2010, OSU has been first in the nation among public land-grant colleges and universities for graduating Native American students. OSU’s main campus is located in Stillwater, which is about a 1-hour drive from both Oklahoma City and Tulsa. Stillwater has a historic downtown, a regional airport with direct flights to/from Dallas-Fort Worth (DFW), highly rated public schools, and the newly opened McKnight Center for the Performing Arts. At Oklahoma State University, diversity, equity and inclusion (DEI) matter. Providing a wide range of ways to understand and engage with the world, identifying opportunities, and creating solutions are core to our mission as a land-grant university. Candidates must have a PhD in Geography or a closely related field by the time of appointment. The ability to teach in-person and online is preferred. We seek candidates strongly committed to fostering inclusive learning environments, active pedagogy, and student success.

Applicants must submit a letter of application describing their teaching experience and interest in the position, a curriculum vitae, statement of teaching philosophy, and contact information for three references familiar with the candidate's teaching performance. Candidates are also welcome to include evidence of teaching effectiveness, sample syllabi, or other relevant information. Review of applications will begin on May 12, 2021 and continue until the position is filled. The position is contingent upon
Visiting Assistant Professor in Physical Geography, with an emphasis in Weather and Climate. The Department of Geography at Oklahoma State University invites applications for a one-year VISITING ASSISTANT PROFESSOR in PHYSICAL GEOGRAPHY, with an emphasis in WEATHER AND CLIMATE beginning August 2021. We seek candidates whose expertise supports undergraduate and graduate coursework in physical geography and climate science, with an emphasis on general education and an ability to coordinate the laboratory component of our lower-division physical geography course. Possible courses may include Physical Geography, Meteorology, Climatology, and Climate Change. OSU Geography is a doctoral-granting department housed in the College of Arts and Sciences (CAS). The department currently has 15 full-time faculty members, 70 undergraduate majors, and 25 graduate students. The department offers degrees in Geography, Geospatial Information Science, and Global Studies. Oklahoma State University is a comprehensive flagship, land-grant, Carnegie Tier 1 research institution with more than 24,000 students on its combined Stillwater and Tulsa campuses. Students come from all 50 states and around 120 nations. With 24 departments and approximately 6,000 students, CAS is the largest and most diverse college at OSU. CAS interdisciplinary programs and centers include Africana Studies, American Indian Studies, American Studies, Gender and Women’s Studies, and Religious Studies. Since 2010, OSU has been first in the nation among public land-grant colleges and universities for graduating Native American students. OSU’s main campus is located in Stillwater, which is about a 1-hour drive from both Oklahoma City and Tulsa. Stillwater has a historic downtown, a regional airport with direct flights to/from Dallas-Fort Worth (DFW), highly rated public schools, and the newly opened McKnight Center for the Performing Arts. At Oklahoma State University, diversity, equity and inclusion (DEI) matter. Providing a wide range of ways to understand and engage with the world, identifying opportunities, and creating solutions are core to our mission as a land-grant university. Candidates must have a PhD in Geography or a closely related field by the time of appointment. The ability to teach in-person and online is preferred.

We seek candidates strongly committed to fostering inclusive learning environments, active pedagogy, and student success. Applicants must submit a letter of application describing their teaching experience and interest in the position, a curriculum vitae, statement of teaching philosophy, and contact information for three references familiar with the candidate's teaching performance. Candidates are also welcome to include evidence of teaching effectiveness, sample syllabi, or other relevant information. Review of applications will begin on May 12, 2021 and continue until the position is filled. The position is contingent upon available funding. Any questions may be directed to Dr. Carlos Cordova, Search Committee Chair, carlos.cordova@okstate.edu.

Geoscience Faculty: Full-time, Tenure Track beginning Fall 2021; Lakeland Community College, Kirtland, Ohio. Instruction: Teach courses in the disciplines of Geology (GEOL) and Physical Science (PSCI) in a manner consistent with institutional and course goals and objectives; Selects texts, supplemental documents, and other learning resources; Set attainable instructional goals and objectives compatible with approved rationale for each course taught. Gather and record data related to the assessment of student learning outcomes; Evaluate students to determine progress toward course goals and objectives, assign final grades, maintain accurate records of student grades for timely reporting; and maintain a minimum of ten (10) posted office hours, with at least 8 hours per week on campus.

COURSE AND CURRICULUM DEVELOPMENT: Recommend to the division dean the revision, deletion or addition of courses or curricula; Evaluate and recommend catalog and support material revisions; and maintain updated course outlines according to prescribed college procedures; develop course syllabi. SERVICE TO THE COLLEGE, PROFESSION AND COMMUNITY: Remain current with the field(s) of assigned instruction and related occupational areas; Acquire, maintain, and apply knowledge of current instructional methodologies and materials; and participate in accreditation processes.
and college division and department initiatives. Requirements: Required: Master’s degree in a geoscience discipline, and post-secondary teaching experience.

Preferred: Doctorate in a geoscience discipline or science education, experience teaching at a community college, experience teaching with a variety of modalities, and applied work experience in a geoscience discipline. For details of compensation, benefits, and instructions on how to apply, visit: http://www.lakelandcc.edu/web/about/human-resources-departments.

**Research Scientist Position** -- Urban Water, Texas A&M AgriLife Research - Dallas Research Center, Texas Water Resources Institute. The Texas A&M AgriLife Dallas Center is seeking a Research Scientist who will develop research programs related to water sustainability efforts, including, but not limited to, themes such as ecosystem services, blue-green infrastructure, water reuse, storm water management, water governance, and water conservation in urban environments. The successful candidate will have a PhD Degree in a social science field (geography, sustainability science, urban planning, or other environmental social science) and research expertise related to urban water.

We are building a new AgriLife Research scientific plan on urban water sustainability, and we seek candidates who can contribute to those coordinated interdisciplinary efforts. We seek to hire a team player who will promote collaboration and cooperation while working within the new "Urban Water" interdisciplinary group at the Center. A successful candidate also will have demonstrated experience and willingness to work and collaborate on interdisciplinary teams of physical scientists, engineers, social scientists, and extension program specialists. An expectation of a Research Scientist is that the successful candidate will generate a percentage of their salary after the second year of the appointment. If the description sounds interesting to you, we invite you to apply to be considered for this opportunity to join our team. This position will be based at the Texas A&M AgriLife Research Center in Dallas and administered under the Texas Water Resources Institute.

For all position details and application information: R-036378. For more information, please contact Dr. Wendy Jepson, Associate Director for the Texas Water Resources Institute (wjepson@tamu.edu)

**Research Scientist Position** -- Urban Hydrology. Texas A&M AgriLife Research - Dallas Research Center, Texas Water Resource Institute. The Texas A&M AgriLife Dallas Center is seeking a Research Scientist who will develop research programs related to urban hydrology, storm water management, and hydrological modeling. We are building a new AgriLife Research scientific plan on urban water sustainability, and we seek candidates who can contribute to those coordinated interdisciplinary efforts.

Areas of primary research will be the characterization, quantification and modeling of the hydrological cycle and assessment of uncertainty of monitoring and modeling in rapidly urbanizing areas (Dallas-Fort Worth). Research will use watershed modeling to assess various storm water management decisions and conduct hydrologic and land-use change analyses in urban watersheds. This position will be based at the Texas A&M AgriLife Research Center in Dallas and administered under the Texas Water Resources Institute. The successful candidate will have a PhD Degree in a field and research relating to civil engineering, environmental engineering, physical geography, or hydrology. A successful candidate also will have demonstrated experience and willingness to work and collaborate on interdisciplinary teams of physical scientists, engineers, social scientists, and extension program specialists. For all position details and application information: R-036374. For more information, please contact Dr. Wendy Jepson, Associate Director for the Texas Water Resources Institute (wjepson@tamu.edu)
Are you a GIS professional looking to advance into more supervision and management as one of your career goals? Are you comfortable leading a team in a fast paced environment? Consider this exciting opportunity! Missouri’s Office of Geospatial Information is nationally recognized for the GIS support and geographic/location analysis provided for agencies in Missouri state government. Agencies, such as Public Safety, Health and Senior Services, Natural Resources, and Economic Development, rely on this highly efficient team of GIS professionals to assist with strategic projects, communicating the vision of maintaining and expanding the use of geospatial technology.

Additionally, this team is often engaged in times of emergencies. Recent examples of work conducted by the Office of Geospatial Information (OGI) include:

- Ordering system for personal protective equipment (PPE) equipment used for COVID. Missouri was one of the first states in the nation to develop a dashboard and Hub site in support of our COVID response. In the past year, we created over 50 new applications and processes related to COVID that had an integrated GIS component.
- An interactive mapping application that shows boundaries and rates for sales use taxes across Missouri.
- An application for fire inspections, used by the Fire Marshal’s Office, based on Survey 123 and Workflow. Inspection types include facilities such as day cares, long term care and firework tents.
- Support during natural disasters, such as flooding or tornadoes, including the tornado that struck Jefferson City in 2019, and the 65 mile long ice jam that blocked the Missouri River during extreme cold weather in February 2021.

This GIS Team Manager position in the Office of Geospatial Information is with the Office of Administration IT Services Division (OA-ITSD). We strive to stay on the cutting edge of GIS technology, working with agencies to integrate GIS into their existing business processes. Candidates with prior experience working in this sort of enterprise environment are preferred. This position manages a team of GIS professionals, to help prioritize work, while also guiding and mentoring them to stay current with their GIS skills. Duties are not limited to supervision, and includes some business analysis, and project management. Some work involves the administration of the GIS infrastructure, but a lot of the work will involve working with the staff and agencies as new requests for GIS projects come in. A successful candidate has the ability to listen to the needs of the agencies, and help formulate new workflows and applications that incorporate GIS into their activities.

- Identify and communicate opportunities for professional growth for the team; coach staff in ways to optimize and streamline workflows.
- Analyze current business processes and make recommendations for best practices of GIS integration.
- Oversee and manage multiple projects in the GIS portfolio of applications.
- Participate in the administration of the ArcGIS enterprise environment.

Preferred Knowledge, Skills and Abilities:

- Skill in overseeing and managing staff.
- Skill in designing, overseeing, and managing multiple projects.
- Ability to work with all levels of technical expertise.
- Must have effective verbal and written communication skills.
- Advanced knowledge of GIS principles, tools, workflows, and database design.
- Advanced knowledge of ArcGIS administration and application.
- Knowledge of mobile field collection tools within ESRI platform: Survey 1-2-3, Collector for ArcGIS, Workforce for ArcGIS

This position is classified as Geographic Information Systems Supervisor: check this link for more information.

- Remote work (one or more days per week) may be an option for this position.
- When a remote work component exists, selected candidate must be able to report to work in person as needed at the office location identified.
- Position requires 40 hours per week, generally 8a to 5p, Monday through Friday.
Intermittent overtime may be required for priority initiatives or projects. If you have questions about this position please contact: ITSDRecruiter@oa.mo.gov

Geographic Information Science Faculty (Adjunct). Description: Calvin University is seeking adjunct faculty to join the Department of Geology, Geography, and Environmental Studies to contribute to teaching in their online Masters in Geographic Information Science (MScGIS) program starting in Academic Year 21-22. Requirements: Faculty Responsibilities - The successful adjunct candidate(s) will teach one or two courses per year in the online MScGIS graduate program. Faculty must have their PhD and will be responsible to develop and teach one of the following online course(s): 1) (Spring 2022) Business Location Intelligence: a course that examines GIS and business analytics and location-based services, and/or 2) (Fall 2021) Geospatial Programming and Data Management: a course that focuses on GIS and RDBMS/NoSQL approaches and programming (python, etc...). Both courses will use ArcPro as its basis and take advantage of appropriate ESRI extensions. Successful candidates will be compensated for developing the course with Calvin University and our Instructional Design team, as well as, for teaching the course. Faculty will be supervised by the MScGIS Director. Faculty Resources:

Calvin has a robust software and hardware GIS infrastructure and faculty will be supported in their pedagogy by the GEO Department and the Calvin Global Campus. The Department of Geology, Geography and Environmental Studies offers an undergraduate certificate in GIS and a MScGIS drawing students with majors in geography, geology, environmental studies, and environmental science. The department offers excellent teaching facilities including a state-of-the-art GIS computing lab, ESRI Organizational Enterprise Account, ArcGIS Servers, UAV, GPS and surveying equipment, and a map library. More information about the department can be obtained at www.calvin.edu/geo/. For further specifics please see the Calvin website: https://www.calvin.edu/go/facultyopenings. As part of the application, please submit here your full curriculum vita accompanied by a letter of application that addresses the requirements and responsibilities of the position, including your interest in teaching at a Reformed Christian University. Review of applications will begin immediately and will continue until the position is filled.

Visiting Professor of Geoscience. Northland College is a private, liberal arts college with a progressive focus on the environment, sustainability, and social justice. Founded in 1892, Northland College is located in far northern Wisconsin, on the southern shore of Lake Superior near the Apostle Islands. From the bedrock foundations of the Midcontinent Rift System to the Quaternary-sculpted glacial terrain and dynamic watershed evolution ever since, Northland provides an unparalleled living laboratory and natural playground for college educators interested in place-based and experiential learning. Northland is currently inviting a diverse pool of qualified educators to apply for a full-time 1-year visiting professor position in Geoscience, with a possible extension for a second year, beginning in August of 2021. The Geoscience Program includes separate majors in Geology and Water Science, and is associated with affiliate programs Climate Science, Geographic Information Systems, Natural Resources, and Chemistry.

The successful candidate will teach six courses per year that primarily support the Geology and Water Science programs, with possibility for supporting other affiliate programs, depending on the expertise and background of the applicant. Such courses may include Introduction to Physical Geology, Geology of the Lake Superior Region, Introduction to GIS, Geomorphology, Hydrology, Hydrogeology, Geochemistry, and others. Requirements: The successful candidate must be a dynamic educator dedicated to the liberal arts, and have a demonstrated ability to help students at all levels understand and appreciate the far-reaching influences of earth systems and processes. Qualifications: A Ph.D. in Geology, Water Science, or closely related fields is preferred, but A.B.D. candidates will be considered; and strong commitment to undergraduate teaching in a liberal arts context with focus on field-based experiential education.
Assistant Clinical Professor. Mississippi State University, Starkville, Mississippi. Description: The Department of Geosciences currently has 19 tenure-track faculty, 5 clinical faculty and 5 fulltime Instructors, and offers B.S., M.S. and Ph.D. degrees. Within Geosciences there are 4 areas of emphasis: Professional Geology, Environmental Geosciences, Geography/Geospatial Sciences, and Meteorology/Climatology. The Department was recently named a Center of Academic Excellence in Geospatial Sciences by the National Geospatial Intelligence Agency. More information about the Department of Geosciences is available on our website: http://www.geosciences.msstate.edu.

The successful candidate will have earned a Ph.D. in Geography, GIS or related fields at the time of appointment and must demonstrate the ability to teach upper-level geospatial courses through distance learning (preferred) and on-campus platforms. The candidate will be expected to teach courses, such as Principles of GIS, Advanced GIS, GIS Programming, Web GIS, Remote Sensing, and courses developed within their area of specialty. Candidate should have strong teaching skills, ideally with experience in distance education, knowledge of the Canvas Learning Management System, and be able to communicate to a diverse student population. The preferred candidate should be able to produce quality instructional videos and develop geospatial learning experiences, such as laboratory exercises for the distance learning environment as well as on campus.

The clinical professor will work closely with distance learning masters level students in our Environmental Geosciences and Applied Meteorology Programs, as well as teach students who are enrolled in the Geospatial and Remote Sensing Technologies Certificate Program. Teaches and develops undergraduate and graduate courses for both distance and on-campus student learners. Serves on graduate student committees. Committee assignments are often elective. Performs service activities and serves on various departmental, college, and university committees. Such responsibilities will be assigned by the Department Head or a designated representative. Candidate must apply online at www.jobs.msstate.edu, attach a cover letter that highlights teaching experiences, a curriculum vitae and contact information for three (3) references. Please contact Search Committee Chair, Dr. Athena Nagel, Department of Geosciences, P. O. Box 5448, Mississippi State, MS 39762-5448, phone number (662)-325-3915 for questions or to receive additional information.

Assistant, Associate or Full Teaching Professor (LPSOE/LSOE/SR LSOE). Computational Social Science, University of California San Diego. The Division of Social Sciences at UC San Diego invites applications for a tenured or tenure-track Teaching Professor position in Computational Social Science, with a start date of July 1st, 2021. The position: A Teaching Professor is also known within the UC system as a Lecturer with (Potential) Security of Employment (L[P]SOE). The Teaching Professor series parallels that of the research-focused faculty series but with emphasis upon excellence in teaching and other instruction-related activities. Individuals in the position are expected to provide outstanding teaching, as well as to engage in professional activity and service related to the pedagogical mission of the program and university. This appointment confers membership in the Academic Senate. The Teaching Professor series includes security of employment analogous to tenure granted upon promotion from the Assistant (LPSOE) level to the Associate (LSOE) level; candidates hired at the Associate (LSOE) or Full (SR LSOE) levels will be appointed with tenure/security-of-employment. This position will include an appointment in one of the following Computational Social Science affiliated academic departments in the Division of Social Sciences: Anthropology, Ethnic Studies, Linguistics, Sociology, and Urban Studies & Planning. Candidates must be able to contribute to the full range of undergraduate and graduate Computational Social Science programs as well as one specific social science discipline. Our priority is to attract candidates strong in relevant technical areas who could teach hands-on courses on modern computational social science methods at the undergraduate and graduate level. Exceptional candidates will have a track record of scholarly contributions and completed projects working with computational models and large-scale social science data.
Basic Qualifications: Candidates must have a Ph.D. with training in an area related to computational social science by the appointment start date. Preferred Qualifications: Teaching expertise in Computational Social Science methods; Track record of scholarly contributions and completed projects working with computational models and largescale social science data; demonstrated superlative accomplishment in the classroom or other instructional milieu; Potential or demonstrated educational leadership in areas contributing to diversity, equity, and inclusion. Will contribute to instruction-related activities (e.g., conducting TA training, curriculum development, creation of instructional materials including on-line instruction, employ new technologies) at the campus, statewide and national level. The Division of Social Sciences is committed to academic excellence and diversity within the faculty, staff, and student body. We are thus especially interested in candidates who have strong demonstrated accomplishments in areas contributing to diversity, equity and inclusion, and a desire to play a leadership role in advancing UC San Diego’s commitment to achieving excellence, diversity, and equity within an academic setting. Salary and starting rank will be commensurate with experience and based on the University of California pay scales. The position will remain open until filled. Applications for the Assistant Teaching Professor (LPSOE) position are accepted online at: http://apolrecruit.ucsd.edu/JPF02583 Applications for the Associate or Full Teaching Professor (LSOE/SR LSOE) position are accepted online at: https://apol-recruit.ucsd.edu/JPF02619.

The Department of Geography and Environmental Sustainability at SUNY Oneonta invites applications for a tenure-track position as an Assistant Professor of Geography beginning fall 2021. The professional obligation is for a ten-month academic year. Expectations include teaching, research, and student advisement, college service, and continuing professional development. Duties include but are not limited to: teaching courses in areas such as economic geography, also introductory and upper level geography courses, and other courses to meet department needs; contributing to both the geography and environmental sustainability programs; mentoring students; student advising; and actively participating in departmental and university life. Required qualifications include: PhD in geography or a closely related discipline (ABD considered; doctorate required at time of first renewal notification); ability to teach courses listed in duties above; and excellent communication skills. Preferred qualifications include: demonstrated ability to teach economic geography, economics of sustainability, upper level geography courses in the candidate’s area of specialty, as well as areas such as sustainable urban planning, GIS, remote sensing, and/or UAV technologies, and/or any other courses which are supportive of the environmental sustainability program; a demonstrated interest in integrating experiential learning into coursework; college-level teaching experience; experience working with diverse populations and/or teaching pedagogies and/or multicultural teaching experience. To apply online go to: http://oneonta.interviewexchange.com/candapply.jsp?JOBID=126881. Please upload a letter of interest addressing how you meet the qualifications of the position, curriculum vitae, copies of graduate transcripts (official required at time of appointment), a statement of teaching philosophy and research interest. Contact information for three professional references is required.

The Department of Geosciences at Texas Tech University, Lubbock, TX seeks a scholar with research expertise in Geographic Information Science, to fill a tenure-track, assistant professor position to begin Fall 2021. The successful candidate will pursue cutting-edge research in GISc or spatial data science, or the development of innovative applications of GIS in one or more areas of physical geography, human geography or environmental science. Candidates who have very 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. Service duties include program-building, as well as commitment to extra-curricular activities.
Service to the department, college, university, and community is expected. Required Qualifications: Academic degree as defined by the academic unit and as appropriate for the position held. Demonstrated record of effectiveness as a teacher, a record of peer reviewed publication and/or peer-reviewed creative activity which has contributed to the discipline or field of study, to the candidate's intellectual and artistic development, and to the quality of the academic enterprise; a record of professional service appropriate to the discipline; promise of growth in teaching and research or artistic and creative activity. Preferred Qualifications: 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 GIS and their field of specialization, and to contribute to the synergy of the existing department strengths. Teaching duties will include GIS 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.

Please contact Penny Crawford (pmcra@ksu.edu) with K-State Globe item.