



The K-State Globe

**Department of Geography and Geospatial
Sciences, Kansas State University**

22 January 2024

Departmental Events

Faculty Meeting: 26 January at 3:00 to 4:30 pm, Seaton 1069.

Weekly Geography Faculty Coffee Hour: 24 and 31 January at the Students Union, 8/8:15 am.

Publications

Lisa Tabor & **John Harrington Jr.** 2023. Teaching about Local Climates, Global Climate, and Climatic Change. *Journal of Geography* 122(6): 155-162.
DOI: 10.1080/00221341.2023.2284390.

Smirnova, V. 2023. Russia's Spatial Anxiety and the Construction of Geographical Knowledge. *Transactions of the Institute of British Geographers*, 48(4), 816-820.

Moseley William, **Max Lu**, and Greg Hill. 2023. A Bridge between Two Worlds: Why Advanced Placement Human Geography is Good for the Discipline of Geography. *The Professional Geographer* 75(6): 871-881.

Employment Opportunities

Department of Geosciences, Texas Tech University (TTU), Lubbock, is seeking applications for a full-time 9-month tenure-track faculty positions in field of Geography. The successful applicant will build a vibrant externally-funded research program using a variety of traditional and non-traditional sources, generate a scholarly publication record, advise graduate and undergraduate students, possess an enthusiasm for diverse and innovative teaching, participate in national and international technical committees and outreach activities; and work within a multi-disciplinary group to develop actionable strategies that contribute to urban-rural environmental sustainability. In line with TTU's strategic priorities to engage and empower a diverse student body, enable innovative research and creative activities, and transform lives and communities through outreach and engaged scholarship and service, applicants should have experience working with diverse student populations. Review of applications will begin on February 20, 2024. To ensure full consideration, please complete an online application at: <https://tinyurl.com/3k8jsb33>. Requisition #36054BR. To apply, please include the following documents in your application: 1) Cover Letter; 2) Curriculum Vitae; 3) Three equally important statements that describe (a) research experience and future goals, including a 5-year plan for establishing and maintaining and recognized and well-funded research program, (b) a plan for excellence in teaching that recognizes the value of self-reflective professional development, and (c) a statement of interdisciplinary vision related to Urban-Rural Environmental Sustainability; and 4) Contact details for individuals who would provide a letter of reference. All qualified applicants will

receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information, or status as a protected veteran. Specific required qualifications include: 1) Completion (by the time of the appointment) of a Ph.D. in a related field with emphasis on or relatable to rural-urban sustainability; 2) A documented record or demonstrated potential for teaching in the undergraduate and graduate programs in their area of expertise; 3) The ability to develop and sustain a vibrant, nationally recognized and externally funded research program; 4) Demonstrated potential for mentoring M.S. and Ph.D. students; and 5) A commitment to work in a multi-disciplinary group to develop actionable strategies that contribute to increased resilience and sustainability in urban and rural communities.

This is a full-time, nine-month, tenure-track position in the **Department of Geosciences at Fort Lewis College**, Durango, Colorado. The successful candidate will teach undergraduate courses across the flourishing GIS Certificate Program, and help to coordinate the program, advise certificate-seeking students, and engage in research or applications of GIS. Fort Lewis College has a site license for ESRI's ArcGIS software suite, numerous well-appointed computer labs, and ample equipment to support research and data collection (e.g., survey-grade GPS units, multiple UAVs, and abundant field equipment). Durango's location at the junction of desert, mountain, forest, and riparian environments (much of which are found on public land), makes it possible to engage with a wide array of research topics and study sites. Apply on the FLC website. Review of applications will begin January 19, 2024.

Essential Functions and Responsibilities: 1) Develop, instruct, and assess courses at the undergraduate level; 2) Teach a full load for research-active faculty (~12 contact hours/week during the semester), including Introduction to GIS, Remote Sensing, Raster GIS, and GIS Programming courses; 3) Maintain currency in their field through professional development, conference attendance, and engagement in scholarly activities; 4) Support student success in courses and in their pursuit of the GIS certificate; 5) Submit timely feedback to students and upload grades by required deadlines; 6) Participate in Geosciences Department faculty meetings; 7) Participate in program assessment, curriculum planning for the GIS program, and outreach to prospective students and professional GIS organizations; 8) Demonstrate a commitment to diversity, equity, inclusion, and student success, as well as working with broadly diverse communities; 9) Maintain knowledge and awareness of digital accessibility, including the American with Disabilities Act and Section 508; 10) Produce and remediate digitally accessible materials in accordance with FLC standards; and 11) Perform other duties as assigned.

Required Education, Specialized Skills, and Experience: 1) PhD in Geography, Geosciences, Environmental Science, or related field (ABD will be considered); 2) Ability to teach Introductory through advanced GIS, including a remote sensing course; 3) Mastery of ESRI's ArcGIS Pro software environment; 4) Minimum of 4 years of experience using and/or teaching GIS; and 5) A demonstrated commitment to diversity, equity, inclusion, and student success, as well as working with broadly diverse communities.

The Department of Geosciences at Virginia Tech invites applications for a tenure-track Assistant Professor position in Energy Transition Geoscience, an area of emerging strength and anticipated growth in the department. The position interfaces with a College of Science-wide effort to increase the University's presence in the energy field, for example with additional positions this year in the Department of Chemistry. Areas of interest include, but are not limited to, energy transition resources, such as critical minerals and geologic hydrogen, geothermal and nuclear energy, carbon management, subsurface energy storage, and environmental impacts of the energy transition. The successful candidate will establish a vibrant, externally funded research program that is recognized for scientific excellence and leadership, provide effective instruction, and mentor undergraduate and graduate students and post-doctoral scholars. The ideal candidate will apply experimental, computational, analytical, and/or field approaches to the broadly defined areas of Energy Transition Geoscience. Appointment at the assistant professor level is anticipated, but higher ranks may be considered for exceptional candidates. A full list of faculty responsibilities is provided in the Virginia Tech Faculty Handbook (http://provost.vt.edu/faculty_affairs/faculty_handbook.html). The successful candidate will join a dynamic and growing department with internationally recognized faculty. Virginia Tech offers unique opportunities for scholars to join active and inclusive research communities, e.g., through the

Institute of Critical Technology and Applied Science (<https://ictas.vt.edu/>), Global Change Center (<https://globalchange.vt.edu/>), and the Virginia Center for Coal and Energy Research (<https://energy.vt.edu/>), as well as Destination Areas in Data and Decisions, Economical and Sustainable Materials, and Global Systems Science (https://www.provost.vt.edu/destination_areas.html). Candidates must hold a Ph.D. in geoscience or a related field at the time of appointment. Preference will be given to candidates that: (1) articulate a compelling vision of how their research contributes to the energy transition; (2) describe how their teaching and mentoring will benefit our student community; (3) demonstrate a strong knowledge of, track record of, and plans for advancing diversity, inclusion, and equity in research, teaching and university service; (4) understand the evolving funding opportunities in their field and demonstrate potential to attract external research funding; (5) show evidence of high-quality academic scholarship; and (6) engage in research and teaching that complements existing strengths, resources, and infrastructure in the department and university. Candidates should apply online at <http://www.jobs.vt.edu> in response to posting 527023. Application materials include a cover letter, CV, contact details for at least three referees, and individual statements detailing (1) plans to establish a successful research program, (2) teaching interests, experiences, and philosophy, and (3) interests, experiences, and capacity to contribute to institutional efforts that enhance diversity and inclusion. Each statement should not exceed two pages, and the teaching statement should address both undergraduate and graduate education. Review of applications will begin December 1, 2023, and continue until the position is filled. The anticipated start of employment is August 2024. The successful candidate must have a Ph.D. in geoscience or a related field upon appointment. The successful applicant must undergo a criminal background check. For further information, please contact the Chair of the Search Committee, Dr. Ryan Pollyea, at rpollyea@vt.edu.

The Department of Geography and Geology and the Environmental Studies Program at the University of Nebraska at Omaha (UNO) invite applications for an Assistant Professor of Geography. This is a full-time, benefits-eligible, tenure-track position starting August 19, 2024. The program seeks applicants with a passion for undergraduate teaching and undergraduate research. Typically, the successful candidate will have a 3 course per semester equivalent teaching load (75%), with a 25% research assignment. A successful candidate will have expertise in climatology and climate analysis using data analysis crossing statistical, artificial Intelligence and machine learning research approaches. A candidate will contribute to climate-related instruction at both the undergraduate and graduate level along with mentoring of graduate students. An ability to teach geospatial analysis and other environmental courses, including an interdisciplinary course focused on global climate change, is expected. The role of this position is across Geography, Geology and Environmental Science. The Programs are looking for a candidate with a background or continuing interest in research collaboration and pursuit of grant opportunities. PhD in Geography or closely related field. ABD candidates will be considered, however, must have degree in hand prior to August 1, 2024. The candidate must demonstrate a potential for funded research and publication commensurate with a faculty position.

The Department of Geography and Environmental Studies (GES) at the University of Colorado, Colorado Springs, invites applications for a tenure track, Assistant Professor in GIScience with specialization in spatial data science for social and/or environmental applications. Successful applicants must have a Doctorate in Geography or related field by the time of appointment. The department encourages applications from candidates whose work will complement the existing geographic information science (GIScience) expertise in the department. It is particularly interested in applicants who demonstrate excellence in integrating GIScience into Geography and Environmental Studies or closely related disciplines by conducting research in spatial data analytics in support of social and/or environmental challenges. The ideal applicant will have a deep understanding of a wide range of topics in GIScience concepts and techniques. The department is especially interested in individuals with a strong commitment to teaching and enhancing diversity, equity, and inclusion. Experience teaching a range of GIS courses, both at an introductory and advanced level, and proficiency with programming

languages (especially Python), is desired. Potential courses to be taught include existing courses and a mix of new offerings relevant to spatial data analytics for social and/or environmental sciences, or other courses related to the candidate's specialization. The teaching load is 15 credits annually, typically four or five courses per academic year (GES offers a mix of 3- and 4-credit courses), with a reduced teaching load negotiable for the first two years. The successful candidate will be expected to engage undergraduate and graduate students through effective teaching, develop a productive research program, and contribute service within the department, across UCCS, and the profession of geography. The successful candidate will teach a mix of introductory, upper level, and graduate courses in their areas of interest and contribute to the development and operations of the Southern Colorado GIS Hub. Preference will be given to applicants with demonstrated success in securing external funding, building collaborative research, and teaching environments, and/or community outreach. The successful candidate will also contribute to the department's GIScience Certificates for undergraduate and graduate students and the MA in Applied Geography, where faculty serve as MA student mentors, advisors, and committee members. Priority will be given to applications submitted by February 8th, 2024, by 5 pm. However, this posting will remain open until filled. The potential dates for first round of interviews will be the week of February 19, 2024. Minimum Qualifications: 1) A PhD in Geography or closely related field by the time of appointment; 2) A research record of, at minimum, one year; and 3) A record of prior teaching experience is required. The potential dates for first round of interviews will be the week of February 19, 2024. The potential employee start date is August 19, 2024.

Western Michigan University (WMU) invites applications and nominations for a tenure track position at the rank of Assistant/Associate Professor in the School of Environment, Geography, and Sustainability (SEGS) on the WMU main campus, effective fall 2024. Major Responsibilities include: 1) Teach undergraduate and graduate courses in geography and environmental studies, including introduction to geospatial technologies, cartographic design, remote sensing, UAS applications, GIS, spatial analysis and geographic inquiry/research; 2) Develop an active, externally-funded research program; 3) Serve on MS (Geography) thesis committees; 4) Mentor undergraduate and graduate students; 5) Serve on Department Committees; and 6) Other duties as determined and assigned by the Director of SEGS. This hiring coincides with the university's ongoing anti-racism efforts focused on creating an inclusive environment and equitable structures for hiring, teaching, learning and research. These efforts include the Racial Justice Advisory Committee, which is charged with making recommendations to address systemic racism on campus, and the president's Mountaintop Initiative, a \$2 million fund to advance these recommendations, as well as other proposals from the WMU community. WMU operates the nation's largest and most comprehensive collegiate support program for former foster-care youth and is an international model for teaching, research, learning, and public service related to foster care and higher education. Application Deadline: Review of applications begins on February 1. Applications accepted until position is filled. Apply at <https://www.wmujobs.org/hr/>.

The Stockton University Environmental Science Program, Galloway, NJ, seeks to fill a full-time, tenure track position beginning September 2024. Successful applicants will demonstrate excellence in teaching environmental science courses in a liberal arts environment, a willingness to foster undergraduate research, and participate in appropriate service activities. Teaching responsibilities will include core lower-level courses within the program, upper-level courses in the candidate's area of expertise, and contributions to the University's interdisciplinary general studies curriculum. All relevant research areas will be considered, but candidates with a focus on climate science, climate change adaptation, geospatial analysis, remote sensing, landscape ecology, or other related fields are strongly encouraged to apply. The successful candidate will be encouraged to develop a research program supported by external grants and fostering faculty-mentored collaborations with students. The University provides several competitive internal grants for project initiation. Applicants must demonstrate a dedication to excellent teaching, scholarship, and service appropriate for a primarily undergraduate institution. Descriptions of Essential Duties/Responsibilities: 1) Teaching load is 24 teaching credits hours per academic year with lectures carrying 4 credit hours and laboratories 2 credit

hours, 2) Excellence in teaching, scholarship, and service are expected, 3) Serve as an advisor to undergraduate students, 4) Develop a relevant and robust research program that includes undergraduate students, 5) Participate in service to the University, community, and/or profession, and 6) Demonstrate the ability to support Stockton University's diversity commitment and strong student-centered vision and mission. Required Qualifications include an earned Ph.D. in Environmental Science, Geography, Ecology, Geosciences, or related field is required by position start. Advanced ABD candidates will be considered, but hired as an instructor until the degree is completed. How to Apply: To apply please visit <https://employment.stockton.edu> or click the "Apply" button. Only electronic documents will be accepted. Please complete the online application and include three professional references in addition to the following required documents. All required documents (Microsoft Word or PDF) must be submitted for your application to move forward: 1) A letter of interest describing qualifications and accomplishments, 2) Current resume or curriculum vitae, 3) Unofficial Graduate transcripts, 4) Teaching philosophy statement (1 page), and 5) Documents showing evidence of teaching effectiveness.

The Department of Geosciences at Middle Tennessee State University invites applicants for a full-time, tenure-track faculty position in Environmental Science at the rank of assistant or associate professor. The start date for the position is August 1, 2024. The successful candidate will be an environmental scientist who can strengthen and broaden department by introducing a new specialty area that integrates with and expands our current program. Responsibilities will include teaching Introduction to Environmental Science and upper-level courses within their area of expertise. In addition, the successful candidate is expected to develop a robust research agenda that complements our current Environmental Science, Geology, and Physical Geography programs and MS in Geosciences. Additional responsibilities will include advising and mentoring undergraduate and graduate students and departmental, college, and university service. A terminal degree in environmental science, environmental studies, or a closely related field is required by the appointment date. Applicants with expertise in natural resources management, forestry, brownfield restoration, wetlands restoration, conservation, renewable energies, green infrastructure, environmental planning, or other specialty areas within environmental science will receive special consideration. To successfully apply, applicants must include a cover letter, curriculum vitae, statement of teaching philosophy, and statement of research or creative activities (as appropriate to the discipline) as separate attachments at the time of online application. To apply for this position, go to <https://careers.mtsu.edu/> and follow the instructions on how to complete an application, attach documents, and submit online. Review of applications begins November 8 and continues until the position is filled.

The Department of Geography and Sustainable Development in the College of Arts and Sciences at the **University of Miami** seeks a full-time Lecturer. The successful candidate will be responsible for teaching undergraduate and graduate courses starting August 15, 2024. The ideal candidate should have experience teaching a range of courses, including Geographic Information Systems (GIS) at an introductory and advanced level, spatial modeling, and Python coding. Other related geospatial techniques courses would also be beneficial. The department seeks a colleague with strong interpersonal skills who is also a resourceful teacher. Candidates must demonstrate their subject knowledge and skills relevant to curriculum development in an academic and professional context. The position involves teaching, holding office hours, advising, and mentoring students, and serving on departmental, college, and university committees as needed. The ideal candidate should be able to develop curricular materials and ensure they are up to date in the rapidly evolving field of GIS. Additionally, they should collaborate with faculty and students to create a thriving GIS community within the department. This position requires the candidate to have the following qualifications: (1) a Ph.D. in Geography or a related field by the time of appointment, (2) proficiency in Esri GIS products such as ArcGIS Pro and ArcGIS Online, and (3) familiarity with other open-source software and programming languages, especially R or Python. While prior experience teaching at the college level is preferred, it is not required. To apply for the position, interested and qualified candidates should submit

the following documents, compiled as a single PDF, through the University of Miami HR site <https://www.hr.miami.edu/>: (1) a cover letter, (2) a resume that includes the names of at least three references, (3) a diversity statement, and (4) statement of teaching philosophy. Applications will be reviewed starting January 15th and continue until the position is filled. If you have any questions regarding this opening, please get in touch with Professor Han Li at han.li@miami.edu.