

Assistant Professor – SPARC-GIS/Spatial Science (ASU JOB # 12539)
Arizona State University
School of Geographical Sciences and Urban Planning

The School of Geographical Sciences and Urban Planning invites applications for one full-time, tenure-track, Assistant Professor position with an anticipated start date of August 2019. We are particularly interested in applicants with a research focus in geographic information science and expertise in advanced spatial analytical techniques. The successful candidate will join a dynamic faculty working closely with colleagues in the new Spatial Analysis Research Center (SPARC) to advance innovative and interdisciplinary GIScience. As part of ASU's significant new investment in the spatial sciences, SPARC members will work to position ASU as a world leader in developing, applying, and teaching spatial-science techniques, lead developments of scientific methods, and advance the capacity of GIScience to generate new knowledge and innovative solutions through collaboration across disciplines. These positions are part of a cluster hire which began two years ago.

The successful candidate will teach GIS and spatial analytical undergraduate courses to geography, planning, and GIS majors, as well as contribute to doctoral programs and the Masters in GIS. The successful candidate will be expected to develop a vigorous, externally-funded research program, generate peer-reviewed research, engage undergraduate and graduate students through effective teaching, participate in service to the university and profession, and build productive relationships with faculty both within and beyond the School of Geographical Sciences and Urban Planning.

The School of Geographical Sciences and Urban Planning (SGSUP) advances the Arizona Board of Regents' (ABOR) mission and strategic objectives through integrated and interdisciplinary academia. SGSUP advances geospatial knowledge for a complex world, emphasizing education, research, and applied solutions to urban and environmental problems. SGSUP houses research centers, including The Spatial Analysis Research Center (SPARC) and Urban Climate Research Center (UCRC), and has a recognized strength in urban planning and social equity, transportation, earth surface processes, urban systems analysis, and human environmental systems. SGSUP's personnel includes 40+ faculty (3 members of the National Academy of Science), approximately 150 graduate students, and over 1,000 undergraduate students. SGSUP has an MA and PhD program in Geography, a PhD in Urban Planning, an accredited professional Masters in Urban and Environmental Planning, a Master of Advanced Studies in Geographical Information Systems, and graduate certificate programs in GIS and Transportation. Undergraduates major in geography, geographical information science, or urban planning, and majors and non-majors alike can obtain a certificate in Geographic Information Science. SGSUP is a major participant in the instructional and research activities of ASU, and have faculty affiliated with many other schools across the university.

ASU is a research-intensive university with outstanding research facilities and infrastructure support. Recently ranked #1 as the nation's most innovative school, the university's location within the large and fast-growing Phoenix region provides a rich context for applied research and community engagement around issues of climate change, housing growth, (sub)urban development patterns, an expanding rail system, energy and water use, livability, health, and social equity. We invite you to learn more about the School of Geographical Sciences and Urban Planning and Arizona State University by visiting <https://geoplan.asu.edu> and <https://newamericanuniversity.asu.edu/>.

Minimum Qualifications:

- A Doctorate in Geography, GIScience, or related field by the time of appointment.
- Demonstrated potential to establish a strong externally-funded research program
- A record of or well-articulated commitment to excellence in teaching

Desired Qualifications:

- Demonstrated success meeting the needs of diverse student populations and/or reaching out to diverse communities
- A research focus with the potential to advance the mission of the School of Geographical Sciences and Urban Planning and The Spatial Analysis Research Center
- A strong record of research publication in the peer-reviewed literature
- Experience in the development and writing of successful research proposals
- Experience or interest in teaching in a variety of modalities (e.g. classroom, hybrid, online)

Initial deadline for accepting applications is October 28, 2018. If not filled, reviews will occur every week thereafter until the search is closed. To apply, please submit the materials listed below (compiled into one pdf document) to sgsupjobs@asu.edu with GIS Search Job # 12539 in the email subject line

- (1) cover letter,
- (2) comprehensive curriculum vitae that includes a complete publication record,
- (3) outline of future research plans (max two pages),
- (4) statement of teaching philosophy and interests (max two pages), and
- (5) three reference names and emails.

Address applications to “Stewart Fotheringham, Chair, GIScience Search Committee”. This is a paperless search, and only materials submitted electronically as outlined above will be considered. Questions related to the search may be addressed to Dr. Fotheringham at stewart.fotheringham@asu.edu. A background check is required for employment.

Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law. Women and minorities are encouraged to apply. Further information on ASU’s policies can be found at <https://www.asu.edu/aad/manuals/acd/acd401.html> and its complete non-discrimination statement at <https://www.asu.edu/titleIX/>.