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### **Position Number 3037**

### **Assistant Professor in Urban Analytics Department of Geography and Earth Sciences University of North Carolina Charlotte**

The Department of Geography and Earth Sciences at the College of Liberal Arts and Sciences at the University of North Carolina Charlotte invites applications for a tenure-track appointment at the rank of **Assistant Professor** in the area of **Urban Analytics**. We are seeking a dynamic and broadly trained geospatial data scientist with expertise in leveraging data science approaches to analyze and help solve social, economic, environmental, and/or infrastructural challenges of urban residents and their environment. This position will begin on August 15, 2023.

Requirements for this position include a Ph.D. degree in Geography, Geographic Information Science, Urban Planning, or a related field, in hand by the time of appointment, evidence of scholarly productivity, ability to secure appropriate external funding, and potential for engaging students in a diverse academic environment. The candidate should also show evidence of interdisciplinary collaboration.

Candidates should demonstrate the ability to contribute to the department's undergraduate and graduate curriculum in GIS&T and urban analytics, build a successful, cutting-edge research program, and develop coursework in their area of expertise. Preference will be given to candidates who can also contribute to research and teaching in the School of Data Science. The department is particularly interested in candidates who have experience working with students from diverse backgrounds and demonstrated commitment to improving access to higher education for all students, along with an interest in promoting diversity in their research, teaching, and service. The teaching load for new faculty is two courses per semester in the pre-tenure period.

The Department of Geography and Earth Sciences (<https://geoearth.charlotte.edu/>) is a diverse community of geospatial, social and physical scientists composed of over 30 faculty members, over 400 undergraduate majors, and 80+ graduate students from a variety of disciplinary backgrounds. The Department's mission is to create, extend and disseminate applied and theoretical scientific knowledge of the Earth's physical, natural and human systems and their interactions through scholarly research, teaching and service. The Department is committed to rigorous high-level research and excellence in teaching. It is home to the Center for Applied Geographic Information Science ([gis.charlotte.edu](http://gis.charlotte.edu)) and the Charlotte Action Research Project ([charp.charlotte.edu](http://charp.charlotte.edu)). The Department offers undergraduate degrees in Geography (BA/BS), Earth and Environmental Sciences (BS), Geology (BS), Environmental Studies (BA), and Meteorology (BS). At the graduate level, the Department offers a graduate certificate in Geographic Information Science & Technology, an MS in Earth Sciences and an MA and PhD in Geography. Departmental faculty have the opportunity to be affiliated with the School of Data Science, which offers a BS degree in Data Science and two MS degrees in Data Science &

Business Analytics and Health Informatics & Analytics. In addition, the department is a core participant in several interdisciplinary graduate programs on campus, including Ph.D. programs in Public Policy (PPOL), Infrastructure and Environmental Systems (INES), and the Master's in Urban Design (MUD).

UNC Charlotte is a rapidly growing doctoral-granting urban university located in the largest metropolitan area between Washington DC, and Atlanta. The University is a Carnegie Foundation Community Engagement campus. Over 29,000 culturally diverse students are currently enrolled at the University. As the largest college at UNC Charlotte, the College of Liberal Arts & Sciences houses 21 departments in the humanities, social and behavioral sciences, natural sciences and military sciences, as well as 25 applied research centers and interdisciplinary programs. It offers eight doctoral degrees, 24 master's degrees, 12 graduate certificates, and 32 undergraduate degrees.

Our **DEI Mission** is to uphold a geography and earth sciences learning community rich in the study and appreciation of diverse contributions and perspectives. We share a deep understanding of the existence and consequences of social inequities, and advocate for equity and justice in policy and practice. We affirm individual excellence across all backgrounds and collaborate to cultivate inclusive classrooms. And we commit to protect our GES community against the harmful effects of racism, discrimination and bias.

Our **DEI Vision** is to be a department in which all of its members feel welcome and valued across race/ethnicity, nationality, gender, gender identity and sexual orientation, faith practice, socioeconomic background, age, and veteran or disability status. We desire for each individual to have a sense of belonging, where all opinions matter, where there are equitable opportunities for study, research, outreach and overall intellectual growth, and with ongoing self and departmental reflections that address micro to macro-level bias. As we grow in size and diversity, we continually strive for equitable and inclusive classrooms and other spaces of learning and intellectual exchange.

Candidates should submit the following to <https://jobs.charlotte.edu/> [Position Number 003037]: (1) a letter of application responding to the required and desired qualifications listed above; (2) a statement of current and future research; (3) a teaching statement including teaching philosophy, agenda and evidence of teaching effectiveness; (4) a statement where the applicant reflects on how diversity is integrated into their teaching, research and/or service activities; (5) a curriculum vitae; (6) one to three representative publications, and (7) contact information (including email addresses) for at least three professional references.

Review of applications will begin on January 31, 2023 and will continue until the position is filled. For more information contact search committee chair Dr. Wenwu Tang ([WenwuTang@uncc.edu](mailto:WenwuTang@uncc.edu)).

As an EOE/AA employer and an ADVANCE Institution that strives to create an academic climate in which the dignity of all individuals is respected and maintained, the University of North Carolina at Charlotte encourages applications from all underrepresented groups. UNC Charlotte is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans, and persons with disabilities.

The candidate chosen for this position will be required to provide an official transcript of their highest earned degree and submit to a criminal background check.