The University of Texas Arlington
College of Science
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The College of Science at the University of Texas at Arlington (https://www.uta.edu/cos/) invites applications for a tenure-track faculty position in Data Science (broadly defined). Candidates may be considered for appointment at the level of Assistant Professor, or at higher rank depending on qualifications. This position is a step towards establishing a new interdisciplinary Data Science degree program that will involve faculty from multiple science departments. Candidates could: (1) have a Ph.D. in statistics, mathematics or computer science and work within a scientific domain on data-intensive problems; (2) have a Ph.D. in a scientific discipline and engage in data-driven research; or (3) have a Ph.D. in a relevant field and experience in applying data-intensive analysis in industrial or other non-academic settings. The ideal candidate will have the capability to formulate research in area(s) of natural or behavioral science, and an interest in collaborating with disciplinary scientists in areas of research where the College is strong, such as comparative genomics and proteomics, neuroscience, medical imaging, geospatial modeling, mathematical statistics, and machine learning in computational physics. Successful candidates will have a doctoral degree in a relevant field and will be expected to develop a nationally recognized, extramurally funded research program, as well as teach data science courses at the undergraduate and graduate (Master's and Ph.D.) levels. We are deeply committed to increasing diversity and especially encourage applications from women and minority scholars.

The College and University have numerous resources including the Shimadzu Institute for Research Technologies (a major partnership between UT Arlington and Shimadzu Scientific Instruments) that offers extensive resources for advanced imaging, proteomics and analytical chemistry. The High Energy Physics group hosts the Southwest Tier 2 computing facility for the ATLAS experiments at the Large Hadron Collider. The Science Engineering Innovation Research Building now under construction will house the newly established North Texas Genome Center with state-of-the-art bioinformatics facilities, and additional high-performance computing is available from the Texas Advanced Computing Center (TACC) – one of the leading advanced computing centers in the U.S. Excellent opportunities exist at UT Arlington and in the Dallas-Fort Worth Metroplex for collaborations with researchers in a range of science and engineering fields.

The University of Texas at Arlington is a Carnegie Research-1 "highest research activity" institution. With a total global enrollment of 58,664 in AY 2016-17, UTA is rapidly becoming largest institution in The University of Texas System. Guided by its Strategic Plan Bold Solutions | Global Impact, UTA fosters interdisciplinary research and teaching to enable the sustainable megacity of the future within four broad themes: health and the human condition, sustainable urban communities, global environmental impact, and data-driven discovery. UTA was cited by U.S. News & World Report as having the second lowest average student debt among U.S. universities in 2017. U.S. News & World Report also ranks UTA fifth in the nation for undergraduate diversity. The University is a Hispanic-Serving Institution and is ranked as the top four-year college in Texas for veterans on *Military Times'* 2017 Best for Vets list.

Arlington is a city of nearly 400,000 and is conveniently located in the center of the Dallas-Fort Worth Metroplex. Within a 25-mile radius of the center of Arlington is a workforce of over two million people. Companies with headquarters or major offices in the area include Alcon, AT&T, IBM, Lockheed-Martin, Sabre, and Toyota. The Dallas-Fort Worth region provides a high quality of life with an affordable cost of living. The city of Arlington has 82 public parks, including River Legacy Parks, a 1,300-acre oasis on the Trinity River in the heart of north Arlington. Arlington is the home of the Dallas Cowboys Stadium, the Texas Rangers Ballpark, and Six Flags Over Texas. The Dallas-Fort Worth International Airport is the fourth largest in the US. More information on the city of Arlington can be found at www.experiencearlington.org.

Review of applications will begin immediately and continue until the position is filled. For full consideration, applications should be submitted by January 1ˢᵗ, 2018. Applicants must apply online at https://uta.peopleadmin.com/postings/4433 . A complete application includes: 1) curriculum vitae, 2) summary of current and proposed research (max. three pages), 3) statement of teaching interests, and 4) names and email addresses of four references.