ARIZONA STATE UNIVERSITY
An Equal Opportunity/Affirmative Action Employer

Assistant or Associate Professor in Data Science (Job # 12597)
Arizona State University
School of Mathematical and Statistical Sciences

The School of Mathematical and Statistical Sciences (SoMSS) at Arizona State University invites applications for a full-time tenure-eligible position in data science at the rank of Assistant Professor. The anticipated start date is fall 2019. Data Science is an interdisciplinary field that relies on research in statistics, computational mathematics and computer science and is used in the analysis and interpretation of large data sets arising from problems in all areas of the physical and social sciences, life and health sciences, engineering, and business. SoMSS is leading the development of an interdisciplinary B.S. degree program in data science, which will include courses in computational mathematics and statistics. In addition, SoMSS is part of a planning group with Engineering to explore the creation of MS and Ph.D programs in data science.

The essential duties of the position will be to conduct research on theory, methodology, and/or applications in the broad area of data science and publish in appropriate high-quality journals in statistics, computational math, computer science and/or discipline specific applications. High quality teaching and mentoring is expected in our undergraduate and graduate programs along with appropriate professional service.

Applicants are required to have a Ph.D. in either statistics, computational mathematics, computer science or a closely related area by August 10, 2019. Candidates must also have demonstrated potential for excellence in research and teaching.

The desired qualifications include a documented record of published research, strong potential for grant support, a strong record of instruction and student mentoring, and demonstrated success working with diverse student and/or faculty populations.

SoMSS currently has 57 full-time tenured or tenure-track faculty members and approximately 96 supported Ph.D. students, along with an additional 50 Ph.D. students and 44 Masters students. The School offers bachelors, masters, and Ph.D. programs in applied mathematics, mathematics, statistics and mathematics education as well as undergraduate and masters programs in actuarial science. Our applied math and statistics groups together form over half the faculty in SoMSS. These groups also share responsibility for our NSF-funded Research Training Grant in applied math and statistics. SoMSS has excellent computing resources that include individual faculty workstations, several high-performance servers and a small cluster, as well as access to the University's central computing facilities and the High Performance Computing Initiative. More details can be found at https://math.asu.edu.

SoMSS has a strongly interdisciplinary research profile that includes numerous collaborations inside and outside the university, such as in the biological, environmental, medical, physical and social sciences, education, and multiple areas of engineering. There are numerous opportunities for collaboration with interdisciplinary centers and institutes, such as the Translational Genomics Research Institute (TGen), the Biodesign Institute (which includes centers specializing in the nanobiosciences, bioengineering, genomics, and vaccinology), the Institute for Social Science Research, the new College of Health
Solutions, the Global Institute of Sustainability, and the nearby Mayo Clinic. The escalating interest in data science research throughout ASU will offer further opportunities for interdisciplinary collaboration.

Arizona State University serves more than 60,000 students at its Tempe campus, welcoming students from all fifty states and more than one hundred nations across the globe. ASU is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. Livability ranked Tempe the top college town in the country in 2016, thanks to its youthful population, career options, wages, housing and things to do. US News and World Report also ranked Phoenix #19 in 2018 on its list of Best Places to Live. The ‘Valley of the Sun’ offers beautiful scenery and miles of hiking, biking and riding trails, as well as camping, rafting and skiing just a short drive away.

To further enhance the superb quality of life Arizona offers, the university has committed to sustaining the conditions necessary for faculty to enter and thrive in their academic careers while meeting personal and family responsibilities.

Women and minority candidates are encouraged to apply. SoMSS and ASU are committed to diversity and inclusion. ASU provides eligible employees with parental and family leave and resources for working parents (https://math.asu.edu/family-resources). SoMSS has an active chapter of the Association for Women in Mathematics (AWM) and strives to meet the needs of a diverse student and faculty population.

To apply, please submit the following through https://www.mathjobs.org/jobs/jobs/12800:

1. a cover letter that briefly explains the candidate’s interest in, and fit with, the position
2. a curriculum vitae
3. a personal statement addressing the candidate’s research program
4. a statement of teaching experience and philosophy
5. at least four letters of recommendation that must be submitted through mathjobs; one of these letters should address the candidate’s teaching qualifications

The application deadline is 5:00 pm Arizona time on November 30, 2018; only applications that are complete by the deadline will be considered. If the position is not filled, remaining applications will be considered every two weeks thereafter until the search is closed. 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.