ARIZONA STATE UNIVERSITY
An Equal Opportunity/Affirmative Action Employer

Rank Open (Job #12113)
Arizona State University
School of Mathematical and Statistical Sciences and Biodesign Center for Mechanisms of Evolution

The School of Mathematical and Statistical Sciences (SoMSS) and the Biodesign Center for Mechanisms of Evolution (CME) at Arizona State University invite applications for one tenure-eligible position in statistics. Rank and tenure status will be commensurate with experience. Anticipated start date is Fall 2018. This position is jointly funded by SoMSS and CME with tenure home in SoMSS.

The Statistics program within SoMSS currently contains eight faculty members and the University intends to increase the size and scope of this program significantly within the next few years. The expanded statistics group will be expected to increase its interdisciplinary, applied and core research productivity, foster growth in its teaching programs, and provide consulting services to the university and business community.

The CME is part of a growing community of evolutionary biologists at ASU (https://sols.asu.edu/evolutionary-biology-faculty and http://asupopgen.org/). The research focus of the Center will primarily be at the cellular level, with the group being populated by scientists from the areas of cell biology, microbiology, biophysics, biochemistry, and population genetics. The field of population genetics and its applications is particularly germane to this search.

The essential duties of this position will be to conduct research on statistical theory, methodology, and applications in areas germane to the mechanistic processes underlying evolutionary change; publish in appropriate high-quality journals, develop proposals for extramural funding, both independently and collaboratively with the CME. The teaching load is anticipated to be one to two classes per year in advanced undergraduate or graduate statistics classes along with mentoring graduate students. In addition, appropriate professional service is expected.

Applicants are required to have a Ph.D. in statistics or a closely related area by August 10, 2018. Candidates must also have knowledge and experience in statistical applications to evolutionary and/or population-genetic mechanisms; strong research and teaching potential; desire and ability to work collaboratively in an interdisciplinary environment.

The desired qualifications include at least two years of postdoctoral experience; a documented record of published research in statistics with applications to evolutionary mechanisms; a documented history of grant support; a strong record of instruction and student mentoring, and demonstrated success working collaboratively with diverse student and/or faculty populations.

SoMSS currently has 53 full-time tenured or tenure-track faculty members and approximately 85 supported Ph.D. students (including 15 statistics students), along with 40 Masters students. The School offers bachelors, masters, and Ph.D. programs in statistics, applied mathematics, mathematics, mathematics education as well as an undergraduate program in actuarial science.

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.

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. In addition to the Biodesign Institute, there are numerous opportunities for collaboration with other interdisciplinary centers and institutes, such as the Translational Genomics Research Institute (TGen), the Institute for Social Science Research, the new College of Health Solutions, the Global Institute of Sustainability, and the nearby Mayo Clinic.

The Tempe campus of Arizona State University has approximately 60,000 students. It is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. The surrounding countryside is very attractive to outdoor enthusiasts who enjoy hiking, biking, skiing, and other activities in the exquisite Arizona canyon lands and mountainous terrain.

To apply, please submit the following through **https://www.mathjobs.org/jobs/jobs/10819:**

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

Informal inquiries may be sent to Dr. John Stufken (jstufken@asu.edu) in SoMSS or Dr. Michael Lynch (mlynch11@asu.edu) in CME.

The application deadline is 5:00 pm Arizona time on November 20, 2017; 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. https://www.asu.edu/aad/manuals/acd/acd401.html https://www.asu.edu/titleIX/.