

## ARIZONA STATE UNIVERSITY

### COMPUTATIONAL MATHEMATICS

The Department of Mathematics and Statistics at Arizona State University invites applications for a tenure-track position at the Assistant Professor level beginning in the fall semester of 2008. Applicants are required to have a Ph.D. in the Mathematical Sciences with a research emphasis in Numerical Analysis/Computational Mathematics by August 14, 2008. Candidates must also have demonstrated potential for excellence in teaching at all levels. The successful candidate should complement the existing expertise in the department and is expected to conduct research and publish in the area of numerical analysis and/or its applications, provide quality teaching of undergraduate and graduate courses in computational mathematics and participate in on-campus interdisciplinary activities and appropriate professional service. Previous postdoctoral experience in a high level research environment is highly desirable.

Arizona State University, a Research One Institution, is the second largest U.S. University with over 51,000 students at the Tempe campus. It is located in the rapidly growing metropolitan Phoenix area, which provides a wide variety of recreational and cultural opportunities. The Department of Mathematics and Statistics currently has 51 full time faculty members and over 80 supported graduate students. Excellent computing resources are available in the department that include individual faculty workstations as well as access to the University's central computing facilities and the Fulton High Performance Computing Initiative.

The Department of Mathematics and Statistics has a strongly interdisciplinary oriented research profile that includes numerous collaborations and joint projects inside and outside the university. Research strengths of interest for this position include medical imaging and high order numerical methods for solving partial differential equations. In addition, the department has strong ties with the department of electrical engineering and has a particular interest in the field of compressed sensing.

Applications must be submitted online through <http://www.mathjobs.org>. All applications must include the following: (1) a curriculum vita, (2) a personal statement addressing their research agenda, (3) a statement of teaching philosophy and iv) a completed AMS Standard Cover Sheet form. At least three letters of recommendation are also to be submitted at this site.

A background check is required for employment.

Review of the applications will begin on December 15, 2007; if not filled, weekly thereafter until the search is closed. This position is pending budgetary approval.

AA/EOE