



Job Postings in Applied Mathematics and Computational Science, KAUST, Saudi Arabia

King Abdullah University of Science and Technology (KAUST) invites applications for faculty positions in **Applied Mathematics and Computational Science**. KAUST, located on the Red Sea coast of Saudi Arabia, is an international graduate-level research university dedicated to advancing science and technology through bold and collaborative research and to addressing challenges of regional and global significance, thereby serving the Kingdom, the region and the world. Newly opened in September 2009, KAUST is an independent and merit-based university and welcomes exceptional faculty, researchers and students from around the world. KAUST is committed to cutting-edge research in the globally significant areas of energy, environment, water, and food. KAUST emphasizes research in Computational Science and Engineering, both in terms of the development of the contributing subdisciplines in computer science and applied mathematics and in terms of enabling all its research activities in applied areas. KAUST's research facilities include an IBM Blue Gene/P system currently ranked fifth in worldwide academia and the world's most highly pixilated six-wall CAVE with immersive sound. KAUST is connected to Europe via twin 10 Gbit/s data links.

KAUST invites applications for Faculty Positions in Applied Mathematics and Computational Science, at all ranks, in the following areas:

- Modeling, analysis, and numerical simulation
- Statistics, especially with applications to large scientific data sets
- Operations research and optimization
- High-performance computing, including applications in science and engineering

Highest priority will be given to the overall originality and promise of the candidate's research, followed by disciplinary match and integration into KAUST's portfolio of research centers. An earned Ph.D. in Mathematics, Statistics, Operations Research, Computer Science, or a related field, evidence of the ability to pursue a program of research, and a strong commitment to graduate teaching are required. A successful candidate will be expected to teach courses at the graduate level and to build and lead a research group of postdoctoral fellows and graduate students. Faculty members enjoy secure research funding from KAUST and have opportunities for additional funding through several KAUST provided sources and through industry collaborations. KAUST is matrix-managed, with each faculty member having possibly multiple divisional and research center affiliations. Multidisciplinary research campaigns are encouraged.

Applications submitted as a **single** PDF/word file should include a cover letter, a curriculum vita including a complete list of publications, statements of research and teaching interests, and the names and contact information of at least 3 references for an Assistant position and at least 6 references for an Associate or Full Professor position.

Applicants should Apply via electronic mail, to: amcs.search@kaust.edu.sa .



Review of applications will begin upon completion of the candidate portfolio. KAUST and Stanford University have formed an Academic Excellence Alliance (AEA) partnership to collaborate on research in applied mathematics and computational science, computer science, curriculum development in these fields, and faculty recruiting during the five-year start-up phase at KAUST. Stanford faculty members serve on the KAUST faculty search committee and Stanford will conduct interviews of candidates who pass a rigorous screening phase. However, KAUST will be responsible for all hiring decisions, appointment offers, recruiting, and explanations of employment benefits. The recruited faculty will be employed by KAUST in the Kingdom of Saudi Arabia and not by Stanford. Questions may be directed to the above e-mail address. The appointment, promotion, and retention of faculty and staff, and all the educational and administrative activities of the University shall be conducted on the basis of equal opportunity, without regard to ethnicity, religion, or gender.