



Post Doctorate/Research Associate, Mechanical Engineering Program Fluid Mechanics and Heat Transfer

The Micro Scale Thermo Fluids (MSTF) Laboratory in the Mechanical Engineering Program at Texas A&M University at Qatar (TAMUQ) invites applications for a research associate position in the field of Fluid Mechanics and Heat Transfer. This is a full-time position; the initial appointment will be for one year. TAMUQ is a branch campus of Texas A&M University in College Station, Texas.

We are looking for a self-motivated individual who has extensive experimental experiences in fluid mechanics. The successful candidate will work under the supervision of a faculty for conducting experimental research and interacting with academia and industry. In addition to traditional laboratory equipments, the candidate should be comfortable in operating data acquisition, optical microscope, high speed cameras, and laser systems.

Major duties include but are not limited to: setting up and conducting experiments, being responsible for all aspects of the daily operation of the MSTF Laboratory, maintaining laboratory equipment, enforcing laboratory safety regulations, preparing standard laboratory procedures, and performing minor repairs in the laboratory. Publishing in scientific conferences and journals are strongly encouraged.

Minimum education requirement is a Master degree in Mechanical Engineering or a closely related field (for post doc position PhD is required). Special consideration will be given to candidates who have expertise in the experimental fluid mechanics with research experience at micro scale or turbulent flows. Experience with computer programming and data processing algorithms is preferable.

Texas A&M University at Qatar offers a competitive salary and excellent benefits. The benefit package includes furnished housing at no cost, group health insurance, local transportation allowance, and dependent education allowance. Continuing education in a graduate program at Texas A&M may be available.

Interested candidates are encouraged to send a complete application package (in pdf format), including curriculum vita with a cover letter describing research interests and goals and the names and email addresses of three references, to:

Dr. Reza Sadr: reza.sadr@qatar.tamu.edu.

