

**Announcement of a Postdoctoral Research Associate Position
in Solid Mechanics
Texas A&M University at Qatar**

A research project funded by Texas A&M University at Qatar (TAMUQ) is anticipated to begin shortly. The project is proposed by the Applied Mechanics Laboratory (AML) which is a research entity in the Mechanical Engineering Program at TAMUQ. The overall objective of the proposed research is to study analytically and numerically a number of crack, contact, buckling and vibration problems in advanced and smart material systems.

AML-TAMUQ anticipates the opening of one postdoctoral position in connection with this project. The starting date is somewhat flexible, beginning as soon as possible and remaining open until the position is filled. This is a full-time position; the initial appointment will be for one year but can be extended up to three years if additional funding is obtained through research grants. TAMUQ is a branch campus of Texas A&M University in College Station, Texas.

AML-TAMUQ is looking for highly motivated candidates with a strong background in one or more of the following areas: (a) Mathematical analysis and applied mathematics techniques; (b) Continuum mechanics, fracture mechanics, contact mechanics, vibrations; (c) Numerical methods including the finite element method and multi-scale methods; (d) Computer programming especially Fortran, Matlab, Maple and Mathematica.

Candidates should have a PhD in Applied Mechanics or Mechanical or Civil Engineering or a closely related field. The successful candidate will join a very productive research team and is expected to work independently, to plan and to organize multi-disciplinary tasks, to have excellent communication skills in English, both written and spoken, to write journal papers and research proposals and to supervise junior researchers.

The candidate that will fill this position will work closely with the Principal Investigator of the project: Professor Sami EL-BORGI at TAMU Qatar. Interested candidates are encouraged to send a complete application package, including curriculum vita, a cover letter describing research interests and goals, grade transcripts, journal publication list, pdf copies of journal papers, scanned copies of diplomas, and the names and email addresses of three references to (Each email should not be more than 10 MegaBytes; if it is larger, please send your application in more than one email):

Professor Sami EL-BORGI

Email: sami.el_borgi@qatar.tamu.edu

Website: <http://meen.qatar.tamu.edu/FacultyStaff/Pages/SamiElBorgi.aspx>

Texas A&M University at Qatar offers a very competitive salary and excellent benefits. The benefit package includes furnished housing and utilities at no cost, health insurance, transportation allowance and dependent education allowance.