

# **Faculty Positions**

## **The University of Texas at Arlington**

### **Center for Advanced Construction Materials**

The University of Texas at Arlington (UTA) has established The Center for Advanced Construction Materials as an interdisciplinary center to develop and put into use the next generation of durable, smart, resilient, and sustainable new materials for infrastructure and related applications. Dr. Surendra Shah, a member of the National Academy of Engineering and an internationally recognized expert in advanced cements and concretes, is the founding Director of CACM. As we expand our efforts on advanced construction materials under this new center, the University of Texas at Arlington plans to hire three tenure track assistant professors in related fields. These tenure track positions will have a focus in one or more of the following research areas of interest (but not limited to): (a) surface and interface phenomena in cementitious and other infrastructure materials; (b) design, characterization and implementation of multifunctional nanoengineered materials; (c) electrochemical and chemomechanical phenomena with focus on enhancing durability and sustainability of next generation structural materials; (d) experimental, analytical, computational, multiscale understanding and modeling of fluid to solid transition of infrastructure materials, and; (e) processing and manufacturing of cementitious and other construction materials.

The tentative date of starting employment is August 2019. The appointment will be in any relevant department based on the candidates' background. Qualifications include an earned Ph.D. degree in an engineering, science or related discipline, demonstrated expertise in research areas cited above, and a record of research accomplishments including publications. We value candidates who can contribute to UTA's diversity initiatives. Successful candidates are expected to demonstrate a commitment to diversity and equity in education through their scholarship, teaching, and service. Applicants should go to <http://uta.peopleadmin.com> and submit their application, including a cover letter, curriculum vitae, statements of research, and contact information for at least five references. Review of applications will begin immediately, and will continue until the position is filled.

For additional information contact: Dr. Maria Konsta-Gdoutos ([maria.konsta@uta.edu](mailto:maria.konsta@uta.edu)), Associate Director of the Center for Advanced Construction Materials.

*UTA is an Equal Opportunity/Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment on the basis of sexual orientation. A criminal background check will be conducted on finalists. UTA is a tobacco free campus.*