



## **Innovative Materials**

The Department of Civil, Environmental, and Geo- Engineering at the University of Minnesota seeks applications for a tenure-track faculty position in the broad area of innovative materials. The search will prioritize the originality, promise, and interdisciplinary nature of the candidate's research. We are interested in applicants who can move across disciplinary boundaries and work collaboratively to solve complex problems. The position is expected to be at the rank of assistant professor, although exceptional candidates at all ranks will be considered.

We are seeking individuals with an academic background and research potential in materials development or modeling. Areas of emphasis include concrete materials for pavements, self-healing and sensing materials, self-assembling materials, multi-functional infrastructure materials, integration of new materials with structural systems, and advanced materials manufacturing and processing. Other areas related to innovative materials such as those at the intersection with biology and applications in water, energy, and the environment also will be considered.

Candidates will be expected to initiate and maintain a vibrant externally-funded research program and to advise students. Teaching responsibilities will include existing undergraduate and graduate courses, as well as new courses in specialty areas. An earned doctorate is required at the time of the appointment.

Applications must be completed online at  
<http://z.umn.edu/materialsasstprof> (Assistant Professor position #314360)  
<http://z.umn.edu/materialsprof> (Associate / Professor position #314359)

Include a letter of intent, a complete CV, contact information for three references, and a statement of teaching and research interests. The review of applications will begin January 20, 2017. Applications will continue to be accepted until the position is filled. Expected appointment is Fall 2017.

The Department of Civil, Environmental, and Geo- Engineering (CEGE) at the University of Minnesota is affiliated with the Center for Transportation Studies, Roadway Safety Institute, and St. Anthony Falls Laboratory, and its faculty are involved with these and other research centers, including the Minnesota Traffic Observatory and the Multi-Axial Subassembly Testing (MAST) Laboratory. CEGE is one of twelve departments within the College of Science & Engineering, which offers outstanding opportunities for interdisciplinary research due to the unique combination of mathematics, science, and engineering in one college. The University of Minnesota is an equal opportunity educator and employer. We are fully committed to a culturally and academically diverse faculty and candidates who will further expand that diversity are particularly encouraged to apply.