

## **Tenure Track Faculty Position in Advanced Materials at North Carolina State University**

The Department of Civil Engineering at North Carolina State University is inviting applications for a possible tenure-track position in the broad area of advanced materials. The solicitation is part of a broader search, with the goal of filling one or more positions in the department; please see the official advertisement at the end of this message. Note that the advertisement does not give any specific details about the desirable properties of the advanced materials applicant. They are summarized below.

“In the advanced materials area, we are seeking a candidate who can apply fundamental principles of physics to advanced materials, cast within the framework of solid and structural mechanics, to improve the understanding, modeling, and design of complex structural systems. We expect that the candidate can work in a multiscale context and across a range of materials using advanced computational and/or experimental methods.”

In addition to performing independent research, the successful candidate would have ample opportunities to collaborate with departmental colleagues, as well as with other departments at NC State (Materials Science, Mechanical Engineering, Physics, and Mathematics). Review of applications will start soon and progress at a fast pace. Thus, EARLY SUBMISSION of applications is strongly encouraged. Instructions to submit the application material are given in the following official advertisement.

### **OFFICIAL ADVERTISEMENT BY NC STATE UNIVERSITY Tenure Track Faculty Position(s) in Civil, Construction, and Environmental Engineering**

The Department of Civil, Construction, and Environmental Engineering at North Carolina State University has recently embraced the overarching theme of sustainability and resilience. It is now inviting applications at all ranks for one or more tenure-track faculty positions. Under this theme, eight focus areas are emphasized: energy and the environment, water resources and coastal engineering, infrastructure health monitoring, advanced materials, construction engineering and management, transportation systems, natural systems, and informatics. Applicants are encouraged to review the departmental compact plan available at [www.ce.ncsu.edu](http://www.ce.ncsu.edu). Applicants with analytical, computational and/or experimental expertise in water resources, coastal engineering, construction engineering and management, and advanced materials are our highest priority, but applications in all focus areas are encouraged.

An earned doctorate degree in civil engineering or a closely related field is required. Professional experience and registration are desirable. Successful applicant(s) will be expected to develop and maintain a nationally recognized research and educational program within one or more of the sustainability focus areas, assist in engaging the department in sustainability initiatives, and teach graduate and undergraduate courses. Review of applications will begin on October 15, 2007 and the position(s) will remain open until suitable candidates are identified.

Interested applicants should apply online at <https://jobs.ncsu.edu> (position number 04-28-0706). Attach .pdf files of a cover letter that includes a description of research and teaching interests, resume, transcripts of graduate work, and contact information for at least three references.

NC State University is an Equal Opportunity and Affirmative Action Employer. In addition, NC State welcomes all persons without regard to sexual orientation. Individuals with disabilities requiring accommodations during the process should call 919-515-3148.