

**Positions Available**

**McALISTER CHAIR IN ADVANCED ENGINEERING MATERIALS**  
**College of Engineering and Science**  
**Clemson University**

The College of Engineering and Science at Clemson University invites nominations and applications for the McAlister Trustee's Chair in Advanced Engineering Materials. The Chair holder will assume a tenured professorship in the Gilbert C. Robinson Department of Ceramic and Materials Engineering or another department as may be appropriate, and he/she will provide senior leadership in the Center for Advanced Engineering Fibers and Films, Clemson University's NSF Engineering Research Center.

Strong preference will be given to applicants with demonstrated research accomplishments in advanced materials and to applicants who will assume a leadership role in the expansion of advanced materials research on our campus. Advanced materials include areas such as ceramic, electronic/optical, metallic, polymeric, structural, high-temperature, and biological materials.

The successful candidate must have earned a doctorate in engineering or a physical science with a materials emphasis or orientation. Additional considerations will include experience as a faculty member, strong evidence of scholarly activity, and a national reputation in research of advanced materials.

Send application materials, including a full resume and the names, addresses, and telephone numbers of three references to:

Dr. Denis A. Brosnan  
 McAlister Search Committee Chair  
 Center For Engineering Ceramic Manufacturing  
 100 Clemson Research Blvd.  
 Anderson, SC 29625



Applications will be reviewed starting on **February 1, 1999**, and the position will be filled after that date.

*Clemson University is an Equal Opportunity/Affirmative Action employer.*

**UNIVERSITY OF PENNSYLVANIA**

**DEAN, SCHOOL OF ENGINEERING AND APPLIED SCIENCE**

The University of Pennsylvania, the nation's first university and Philadelphia's largest private employer, invites nominations and applications for the position of Dean of the School of Engineering and Applied Science. As its chief academic and administrative officer, the dean has overall responsibility for the School's educational and research programs, strategic directions, faculty growth, and development. One of twelve schools within the University, Engineering has seven departments with vibrant interdisciplinary research and educational programs that include interactions with the Institute for Medicine and Engineering, the Institute for Research in Cognitive Science, the Laboratory for Research on the Structure of Matter, and the Institute for Neurological Sciences. The School has both undergraduate and graduate joint programs with Wharton, the School of Nursing, Arts and Sciences, and the Annenberg School for Communication.

Candidates should possess exceptional leadership attributes, and an understanding and appreciation of the role and mission of an interdisciplinary research and teaching institution. He/she must possess a vision for engineering that will enable the school to attract talented faculty and students, and to generate the resources to support research and programmatic initiatives.

The Committee will begin reviewing applications by January 15, 1999 although the search will remain open until the position is filled. To apply, please send a letter discussing your qualifications, along with a current curriculum vitae to:

**Professor Morris A. Cohen, Chair**  
**c/o Office of the Secretary**  
**University of Pennsylvania**  
**121 College Hall**  
**Philadelphia, PA 19104-6382**



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**HEAD**

**Department of Materials Science  
 and Engineering**  
**University of Arizona**

The Department of Materials Science and Engineering at The University of Arizona seeks applicants for the position of Head. The MSE Department has 16 full-time faculty, three of whom are NAE members. Department enrollment includes approximately 66 undergraduate and 45 graduate students. The undergraduate program includes an integrated education experience across a wide range of materials and their functions. Current research programs range from materials processing to fundamental scientific studies and include ceramics and glasses, metals and alloys, polymers, semiconductors, and composites. Interdisciplinary activities are strongly encouraged as evidenced by a number of joint appointments with several departments. Detailed information may be found in the department's web pages at <http://www.mse.arizona.edu>.

The qualified candidate must possess (1) outstanding leadership and administrative capabilities; (2) a proven track-record in research; (3) a strong emphasis on education; and (4) an earned doctorate with qualifications for appointment as a Full Professor. The candidate should have a thorough understanding of the present state of the field and a clear vision of future directions. She/he is expected to have a strong interest in nurturing faculty development, promoting innovative educational activities and sponsored research, leading fund-raising activities, and interacting with government, industry, and professional societies.

Salary will be commensurate with qualifications. Applicants must provide: (1) a detailed summary of experience and qualifications; (2) names and addresses of five references; and (3) a short narrative describing their views on education, research, and the future of the field. Screening of candidates will begin **February 15, 1999** and will continue until the position is filled. It is anticipated that the appointment will begin Fall Semester 1999.

Inquiries, applications, or nominations should be directed to: Prof. John A. Reagan, Chairman, MSE Department Head Search Committee, Department of Electrical & Computer Engineering, The University of Arizona, Tucson, Arizona 85721.

*The University of Arizona is an EEO/AA  
 Employer-M/W/D/V.*