

Positions Available

GRADUATE ASSISTANTSHIPS

Applications are now being accepted for graduate teaching and research assistantships in chemical engineering. Research areas include materials, waste management, electronic materials and thin films, ceramic powders and coatings, heterogeneous catalysis and surface science, structure and properties of interfaces in ceramics and semiconductors, safety and environmental aspects of process plant design, formation and processing of conventional and superconducting powders, laser-processing, application of expert system software to process economics, colloid processes, geotechnology, characterization of porous materials, transport phenomena, radioactive and mixed waste management, biomedical instrumentation, and alternative energy. Stipends of \$10,000-\$14,000 plus tuition waivers are provided to qualified individuals. Applicants must have a bachelor's or a master's degree in chemical engineering or nuclear engineering, materials science, chemistry or related fields. For additional information and application forms, contact: Prof. Eric Nuttall, Graduate Adviser, Department of Chemical and Nuclear Engineering, Farris Engineering Center Room 209, University of New Mexico, Albuquerque, NM 87131-1341; Telephone (505) 277-6112.

GROUP SUPERVISOR/SCIENTIST

THE U.S. BUREAU OF MINES is seeking an experienced materials scientist to fill either a senior researcher or supervisory position in fundamental and applied research on wear and fracture of metallic and ceramic materials. Knowledge and experience are required in physical and mechanical metallurgy, and materials science with experience in wear and fracture processes. Good communication skills are essential. For filling the group supervisor position, the applicant must demonstrate experience and ability to supervise three to seven scientists/engineers and technicians. One position will be filled depending upon qualifications of applicants. Position is located in Albany, OR. Salary range is \$37 to \$57K. Resumes will not be accepted. Application information may be obtained by calling (503) 967-5837 or mailing your request to: Albany Research Center, 1450 Queen Avenue, S.W., Albany, OR 97321, attention: Personnel. U.S. citizenship required.

The Department of the Interior is an Equal Opportunity Employer.

ASSISTANT PROFESSOR

The Department of Materials Science and Engineering at North Carolina State University is seeking qualified applicants with PhD degrees for a tenure track position available August 15, 1991. Research interests should be in either composite materials or polymeric materials. The successful applicant will be expected to develop independently funded research programs, and to teach both undergraduate and graduate courses. Screening of candidates will begin March 15, 1991. Interested persons should submit resumes and at least three references to: Prof. Abdel Fahmy, Search Committee Chairman, Materials Science and Engineering Department, Box 7907, North Carolina State University, Raleigh, NC 27695-7907.

North Carolina State University is an equal opportunity/affirmative action employer.

RESEARCH STAFF

Applications are invited for the position of Manager of Crystal Growth and Materials Processing Laboratory. The position involves supervision of the facility and facility personnel in support of the Materials Research Center research efforts in crystal growth and materials processing. Candidates must have a BS/MS in materials science or physics. Experience with instrumentation development, crystal growth and materials processing is essential, thin film deposition is desirable. The position is available immediately. Applicants should send a resume and all addresses for references to:

Northwestern University
Human Resources Administration
E90-1228
720 University Place
Evanston, IL 60208

EEO-AA Employer. Employment eligibility verification required upon hire.

Advertising Contact:

Mary E. Kaufold
MRS BULLETIN
Materials Research Society
9800 McKnight Road
Pittsburgh, PA 15237
(412) 367-3036
Fax (412) 367-4373

**CERAMIC ENGINEERING
FACULTY POSITION
Iowa State University**

Tenure-track assistant professor position available in the Materials Science and Engineering Department involving teaching of traditional undergraduate ceramic engineering courses and graduate instruction and development of a strong research program in an area of ceramic specialization. Preference given to specialists in one of the following: structural ceramics, electronic/photonic materials, ceramic-based composites, or ceramic processing; outstanding candidates with other ceramic research interests will also be considered. Excellent research facilities and opportunities exist in the Department and at various campus research centers, including the Ames Laboratory. Research start-up funding is available. Salary will be commensurate with qualifications. Candidates must have a PhD degree, preferably in ceramic engineering or in a related area with ceramic emphasis. Position available August 21, 1991. Send resume and letter of interest to: Krishna Vedula, Chairman, Materials Science and Engineering Department, 110 Engineering Annex, Iowa State University, Ames, IA 50011.

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