

Positions Available

**UNIVERSITY OF FLORIDA
Department of Materials Science and Engineering
Faculty Position/Corrosion**

A tenure-track position is available for qualified individuals with expertise in the area of environmental stability of materials (e.g. corrosion, oxidation, etc.).

Candidates will be expected to teach graduate and undergraduate courses and to initiate and sustain a vigorous sponsored research program in his/her area of expertise. Positions may be offered at the level of assistant, associate or full professor depending on the qualifications of the individual candidate. Applicants must have a PhD in materials science and engineering or closely related field with two years similar experience.

The Department currently has 26 faculty, 160 upper division undergraduate, and 140 graduate students with substantial and sustained research funding and academic programs in biomaterials, ceramics, electronic materials, metals, minerals and polymers.

The deadline for submission of applications is **April 1, 1992**. Applicants should submit a cover letter specifying interest together with curriculum vitae and three letters of recommendation to:

Search Committee Chairperson
c/o Corrosion Position
Department of Materials Science & Engineering
University of Florida, Gainesville, FL 32611-2066

*The University of Florida is an Equal
Opportunity/Affirmative Action Employer.*

**UNIVERSITY OF FLORIDA
Department of Materials Science and Engineering
Faculty Position/Magnetic Materials**

A tenure-track position is available for qualified individuals with expertise in one or more of the following areas: (1) processing and characterization of magnetic materials, (2) studies of magnetic processes and magnetic resonance, and (3) behavior of materials (including metals, ceramics, polymers, electronic, organic and biomedical materials) in high magnetic fields

Candidates will be expected to teach graduate and undergraduate courses and to initiate and sustain a vigorous sponsored research program within the Department and in collaboration with the National High Field Magnetic Laboratory operated jointly by the University of Florida, Florida State University and Los Alamos National Lab. Positions may be offered at the level of assistant, associate or full professor level depending on the qualifications of the individual candidate. Applicants must have a PhD in materials science and engineering or closely related field with two years similar experience.

The Department currently has 26 faculty, 160 upper division undergraduate, and 140 graduate students with substantial and sustained research funding and academic programs in biomaterials, ceramics, electronic materials, metals, minerals and polymers.

The deadline for submission of applications is **April 1, 1992**. Applicants should submit a cover letter specifying interest together with curriculum vitae and three letters of recommendation to:

Search Committee Chairperson
c/o Magnetic Materials Position
Department of Materials Science & Engineering
University of Florida, Gainesville, FL 32611-2066

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**FACULTY POSITION IN MATERIALS
SCIENCE
California Institute of Technology**

The materials science program at Caltech invites applications for a tenure-track faculty position. An initial junior faculty appointment is normally for four years and is contingent upon completion of the PhD. Exceptionally well-qualified applicants would be considered for a tenured appointment. Candidates must have a demonstrated ability for conducting high quality research in materials science or a closely related field and be willing to participate in the teaching program at the graduate and undergraduate levels. Applicants should submit a detailed curriculum vitae with a list of publications, and three letters of recommendation to:

Prof. W.L. Johnson, Search Committee Chairman

Keck Laboratory MS 138-78
California Institute of Technology
Pasadena, CA 91125

*Caltech is an Equal Opportunity/Affirmative Action
Employer. Women and minorities are encouraged to
apply.*

**FACULTY POSITION
Materials Science and Engineering
Pennsylvania State University**

The Department of Materials Science and Engineering at Penn State is seeking applicants to fill a tenure-track position in the Metals Science and Engineering Program, preferably at the assistant professor level. Preference will be given to candidates with a strong interest and expertise in thermodynamics, kinetics, and transport phenomena utilizing both experimental and theoretical/modeling approaches to the processing and properties of materials. The candidates must have demonstrated a strong academic record, an outstanding potential for independent research, and a commitment to teaching both undergraduate and graduate students. Qualified minority and female candidates are encouraged to apply. Please send curriculum vitae with a list of publications, names of at least three references, and information on research and career interests by **March 15, 1992** to: Faculty Search Committee, Metals Science and Engineering, 208 Steidle Building, University Park, PA 16802.

*Penn State is an equal opportunity/affirmative action
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**MRS
BULLETIN**

In the March Issue...

Guest Editors Suzanne H. Weissman, Sandia National Laboratories, and Janine C. Sekutowski, AT&T Bell Laboratories, focus on Materials and the Environment.

Positions Available

**RESEARCH PROGRAM MANAGER
CERAMICS**

The Air Force Office of Scientific Research (AFOSR) is seeking a ceramic scientist or engineer to manage the Air Force research investment in ceramic materials (approximately \$4 million annually) within the Directorate of Chemistry & Materials Science.

AFOSR's research managers are responsible for the formulation, organization, execution, evaluation, and transition to development of the entire Air Force basic research program performed at universities, industries, and its own in-house laboratories. If successful, you will identify research opportunities, communicate Air Force interests to the scientific community, evaluate proposals, review ongoing projects, and manage fiscal resources; you will represent the program and assist in the transition of research results within the Air Force and DOD.

The technical area of responsibility includes ceramics, ceramic matrix composites, and carbon/carbon composites. Program content addresses materials processing, structure, and properties—including the interrelationship of these topics. Past emphasis has been placed on materials for structural applications.

A PhD in ceramic engineering, materials science, or a related discipline is highly desired. You should have first-hand research experience and broad knowledge of the latest developments in the field as demonstrated by a record of publications in refereed scientific and engineering journals.

The position is competitive civil service (GM 14/15 or 15) with a salary within the range of \$52,406 to \$80,138. No prior Government service is required.

To apply you should send Standard Form 171, a resume, and a list of publications to arrive by **28 February 1992** at the address:

Civilian Personnel Office
89 MSSQ/MSCA
Ann. No. 91-678
ATTN: Margaret Brown
Andrews AFB, MD 20331-5964

*U.S. citizenship required.
An equal opportunity employer.*



**MATERIALS PROCESSING
FACULTY POSITION**

University of California, Irvine

Applications are being accepted for an anticipated faculty position at an assistant professor level in chemical and biochemical engineering for July 1992. Outstanding individuals with a strong commitment to research and teaching excellence are encouraged to apply. Applicants should have a PhD degree in chemical engineering or related field and the potential to lead a high-quality and well-funded research program in materials processing, including polymers, ceramics, composites, biomaterials, and electronic, photonic and recording materials. This is a tenure-track position, and the successful candidate is expected to be able to teach chemical engineering courses at all levels. The successful candidate has the unique opportunity and challenge to participate in building a new department in a research university and to interact with the active interdisciplinary Materials Science and Engineering Program within the School of Engineering.

A curriculum vitae, a brief description of proposed research activities, and at least four reference letters should be sent by **February 28, 1992** to Dr. H.C. Lim, Professor & Chair, Biochemical Engineering Program, School of Engineering, University of California, Irvine, CA 92717.

The University of California, Irvine, is an Equal Opportunity/Affirmative Action Employer. The School of Engineering welcomes applications from qualified women and minority candidates.

**MRS BULLETIN
AD CLOSING DATES**

Issue	Ad Closing
April 1992	3/2/92
May 1992	4/1/92
June 1992	5/1/92
July 1992	6/1/92
August 1992	7/1/92
September 1992	8/3/92
October 1992	9/1/92
November 1992	10/1/92
December 1992	11/2/92

Advertising Contact

Mary E. Kaufold
MRS BULLETIN
Materials Research Society
9800 McKnight Road
Pittsburgh, PA 15237

Telephone: (412) 367-3036
FAX: (412) 367-4373

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1/2 page	\$845	\$830	\$820	\$805
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1/4 page	\$650	\$630	\$620	\$605
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