

Positions Available

FACULTY POSITIONS

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

Two tenure-track faculty positions are available in the Department of Materials Science and Engineering for persons with expertise and strong academic records in the areas listed below. The faculty members are expected to teach graduate and undergraduate courses, and initiate and sustain strong sponsored research programs. Potential faculty members with strong interests in manufacturing and industrial interactions are especially encouraged to apply. A doctoral degree is required.

- A: Solution or Surface Chemistry of Ceramics; Processing-Structure-Property Relations
- B: Electronic and Magnetic Materials; Nanoelectronics; Magnetic Recording Materials

The MSE Department at UF is one of the nation's leading departments in the field and has 32 faculty, about 160 graduate students, 100 upper division undergraduates, and over \$10 million in annual research expenditure. The Department provides integrated materials science and engineering education as well as multidisciplinary research programs devoted to biomaterials, ceramics, composites, electronic and optical materials, metals, and polymers. The Department also houses the MICRO-FABRITECH multidisciplinary materials research program and the Major Analytical Instrumentation Center, and actively participates in the National High Magnetic Field Laboratory and Engineering Research Center for Particles Science and Technology.

The positions are open to all levels from Assistant to Full Professor, although preference will be given to applicants at the Assistant Professor level. The deadline for application is **October 1, 1998**. Applicants should submit a curriculum vitae, statement of research and teaching plans, and names of at least three references to:

Chair of the Search Committee
Department of Materials Science and Engineering
217 MAE, P.O. Box 116400
University of Florida, Gainesville, FL 32611-6400

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

**TECHNICAL STAFF POSITION
MAGNETICS**

Our client is a \$6B leading international manufacturer of electronic connectors, optical connectors, optoelectronic systems, and interconnection systems. They are a dynamic, innovative, and cutting-edge company in immediate need to fill this Member of Technical Staff position within their materials research division.

Key responsibilities include:

Developing programs which will guide the development of new materials for implementation into advanced products. Developing an innovative approach to substantial problems within the company's operations. Continue to develop new skills and explore new areas which will provide technological innovation in materials leading to new products.

Key requirements include:

Excellent understanding of magnetic materials including superconducting materials (both low and high temperature superconductors) with demonstrated applied research in this area. Working knowledge of magneto-optics and applications of magnetic filters and magnetic sensor devices. Understanding of high power, high temperature electronic/magnetic materials. Understanding of structure/property/processing interactions for magnetic materials, manipulation of magnetic properties through external interactions, modeling of magnetic materials. Ability to manage multiple projects simultaneously.

Please send confidential resume to: Phil Hendrickson, c/o The Kleven Group, PO Box 636, Lexington, MA 02173; Fax: 781-861-1047; e-mail: phil@kleven.com. No calls please.

PENNSTATE



College of Medicine
University Hospital • Children's Hospital
The Milton S. Hershey Medical Center

**BIOMEDICAL ENGINEERING
FACULTY POSITION**

The Biomedical Engineering Institute at the Pennsylvania State University, College of Medicine, in Hershey, Pennsylvania, is seeking applicants to fill a tenure track position at the assistant/associate professor level. The successful candidate will have the opportunity to be part of a team being assembled at Penn State in Hershey and in the Bioengineering Program at University Park. Experience in the broad area of biomaterials and their compatibility with tissues or blood is desirable, however all areas of expertise will be considered.

The candidate must have demonstrated a strong academic record, outstanding potential for independent research, and a commitment to teaching, both undergraduate and graduate students.

The Pennsylvania State University is an equal opportunity/affirmative action employer. Qualified minority and female candidates are encouraged to apply.

Please send a curriculum vitae including a list of publications, names of at least three references, and an abstract of research and teaching interests by July 1, 1998 to:

**Gerson Rosenberg, Ph.D., Chair, Faculty Search Committee,
Section of Artificial Organs, The Pennsylvania State University
College of Medicine, MC H151, P.O. Box 850 -Drawer-MRSB,
Hershey, PA 17033-0850 <http://webserv.surg.hmc.psu.edu/>**

**HEAD
Department of Materials Engineering
Drexel University**

The College of Engineering invites applications and nominations for the position of Professor and Head of the Department of Materials Engineering. The successful candidate must be a dynamic individual with demonstrated leadership skills, possessing a clear vision of future directions for the discipline of materials science and engineering, and the managerial skills to promote implementation of that vision. The successful candidate must also have a demonstrated commitment to excellence in both teaching and research in metallurgy. An earned doctorate is required.

The Department of Materials Engineering has 15 tenure stream and research faculty, embracing the areas of metallurgy, ceramics and polymers, electronic, composite, and biomaterials. One of the major research thrusts is in materials processing. The Department offers BS, MS, and PhD degrees in materials engineering. It is anticipated that the appointment would begin on September 1, 1999. An earlier starting date is also possible.

To ensure full consideration, applications should be received by **September 30, 1998**. However, applications will be accepted until the position is filled. Interviews will be conducted during the fall quarter of 1998. The appointment as Head of the Department is for five years and is renewable. Send applications in hard copy to Chair, Search Committee, Department of Materials Engineering, Drexel University, Philadelphia, PA 19104. Send nominations by e-mail to barsoumw@post.drexel.edu. Further information about the Department can be found at www.materials.drexel.edu/.

Drexel University is an affirmative action/equal opportunity employer and encourages applications from women, minorities, and individuals with disabilities.