

Positions Available



Center for Advanced Materials Processing

Clarkson
University

**THE CENTER FOR
ADVANCED MATERIALS
PROCESSING (CAMP) AT
CLARKSON UNIVERSITY**

is seeking a director. One of New York State's prestigious Centers for Advanced Technology, CAMP is an interdisciplinary organization that receives funding from the state, private industry, government contracts and grants, and Clarkson University. Candidates should possess a Ph.D. and have significant publications and/or patents. It is expected that the director will hold a senior faculty position in an appropriate science or engineering department. Experience in fine-particle technology is desirable. Academics should have performed research for industry and have a consistent record of external funding for their research. Send resume and names of three or more professional references to Dr. Richard H. Gallagher, President, Clarkson University, Potsdam, New York 13676 (315-268-6444; fax 315-268-3872).

Clarkson is an Affirmative Action, Equal Opportunity Employer.

**FACULTY POSITION
Arizona State University**

Arizona State University is inviting applicants for a tenure-track faculty position in materials science and engineering. A specialist in polymeric composite materials research is preferred at the Assistant Professor rank. However, experienced applicants with outstanding records will be considered for senior appointment. Applicants must hold a PhD or equivalent in a materials related discipline. Strong research orientation is required. Candidates must also be interested in teaching both graduate and undergraduate courses. The application deadline is **February 1, 1990**, or the first of each succeeding month thereafter until the position is filled. To be considered, applicants should submit a resume listing educational background, professional experience, publications, summary of research and teaching interests, and three references to:

Dr. Imre Zwiebel
Chair, Materials Search Committee
Department of Chemical, Bio
and Materials Engineering
Arizona State University
Tempe, AZ 85287-6006

After initial screening, remaining applicants will be required to submit an official application forms and academic transcripts. Arizona State University vigorously enforces affirmative action hiring policies.

An Equal Opportunity Affirmative Action Employer.

**LECTURER/SENIOR LECTURER
University of New South Wales,
Australia**

**School of Materials Science
and Engineering**

(Tenured/Tenurable Appointment)
(Ref 1209)

The School is seeking a polymer engineer/scientist to plan and initiate its teaching activities in polymer materials engineering, to develop a related research program and to contribute to the School's general materials teaching. The polymer activity will form a large part of the School's new materials degree. The appointee will be joining a small but vigorous group of materials scientists and engineers equipped with excellent research facilities.

Applicants should have high academic qualifications in an appropriate discipline, and research interests in some branch of polymer engineering. Industrial experience could be advantageous.

The University prefers to make the appointment at the lecturer level but will consider appointing an exceptionally well-qualified candidate at the senior lecturer level.

It is hoped that the appointee will commence duty from February 1990, and appointment will be either with tenure or on the basis of a contract with provision for conversion to tenure.

Further information is available from Associate Professor D.J. Young, Head of School, (02) 697 4322; fax (02) 662 1923.

Applications close: **February 22, 1990.**

Salary: Senior Lecturer A\$41,459 to A\$48,086; Lecturer A\$31,259 to A\$40,622.

Commencing salary according to qualifications and experience.

Applicants should forward TWO COPIES OF: written application; curriculum vitae; transcript of academic record (quoting reference number, business hours telephone number, together with the names and addresses of two referees) to Staff Office, P.O. Box 1, Kensington, NSW 2033, AUSTRALIA.

*Equality of Employment Opportunity
is University Policy.*

1990 MRS Spring Meeting ■ April 16-21, 1990 ■ San Francisco, California

Positions Available

**UNIVERSITY OF FLORIDA
Department of Materials
Science and Engineering**

Four Tenure-Track Faculty Positions are available for qualified individuals with expertise in one or more of the following areas of materials science and engineering:

- A. Theory and practice in the application of electron-optical instruments for materials characterization (TEM, etc.);
- B. Preparation, fabrication and characterization of composite materials;
- C. Processing of bulk crystals and thin films of semiconductors; ceramic, polymer and/or metallic thin films for electronics; electrically and optically active point defects in semiconductors; optical and nonlinear optical materials; reliability and packaging.

A doctoral degree in materials science and engineering or a related discipline is required for consideration. Candidates will be expected to develop graduate and undergraduate courses, as well as initiate and sustain sponsored research, in their area of expertise. Positions may be offered at the level of assistant, associate or full professor, depending on the qualifications of the individual candidates.

The Department of Materials Science and Engineering at the University of Florida currently has 23 faculty, 160 undergraduate and 110 graduate students, with substantial and sustained research funding and academic programs in ceramics, composites, electronic materials, metals, and polymers.

The deadlines for submission of these applications are **December 1, 1989, January 1, 1990, February 1, 1990, and March 31, 1990.**

Please send a cover letter *specifying interest area (A, B, or C)* together with curriculum vitae and three letters of recommendation to:

Dr. Rolf E. Hummel
Chairman of the Search Committee
Department of Materials
Science and Engineering
University of Florida
Gainesville, FL 32611-2066

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



**ADVANCED CERAMIC PROCESSING
Materials and Chemical
Sciences Division**

Two positions are available for engineers/scientists with a start-up company working in the area of sol-gel processing of ceramics for electronic applications. Requirements include an MS or PhD in chemistry, ceramics, electrical engineering or materials science with relevant experience. Clean room experience, work with thin films, or characterization of electronic materials performance would be useful. The company is a subsidiary of a large materials manufacturer and offers a comprehensive and competitive package. Both positions are in the Boston area.

Please respond to:
Dr. Edmund M. Dunn
Manager of Technology
Texel Company
21 Erie Street
Cambridge, MA 02139

An equal opportunity employer, m/f/h/v.

**Drexel
University**



COLLEGE OF ENGINEERING

Drexel University invites nominations and applications for the position of Dean of the College of Engineering. There are 2,750 undergraduate and 900 graduate students enrolled in the College of Engineering. The College has over 100 tenure-track faculty positions and last year's research awards of \$9 million accounted for three-fourths of the University total. Review of candidates will begin in February. Applications, nominations and letters of interest should be sent to:

Dr. Charles B. Weinberger, Chair
Engineering Dean Search Committee
Drexel University
Philadelphia, PA 19104

An Equal Opportunity, Affirmative
Action Employer

**UNIVERSITY OF FLORIDA
Department of Materials
Science and Engineering**

A TENURE-TRACK FACULTY POSITION is available in the Department of Materials Science and Engineering for a qualified individual with expertise in POLYMER SCIENCE AND ENGINEERING. Experience is desired in the theory and/or practice of Polymer Processing, Composites, Design Engineering, Synthesis or Chemical Properties. This position is in addition to the four already advertised by this Department in electron optics, composites, and electronic materials areas. The faculty member is expected to teach graduate and undergraduate courses as well as initiate and sustain sponsored research in his/her area of expertise. A doctoral degree in materials science, polymers, or a related discipline will be required.

The Department of Materials Science and Engineering at the University of Florida currently has 23 faculty, 160 upper division undergraduates, and 110 full-time graduate students with substantial research funding and multidisciplinary academic programs in biomaterials, ceramics, composites, electronic materials, metals and polymers. Major analytical instruments such as XPS, Auger, scanning Auger, SEM, FTIR, TEM, STEM, and an electron microprobe are available in the department.

This position may be offered at the assistant or associate professor level depending upon the qualifications of the individual candidate. The deadline for application is **March 1, 1990.** Applicants should submit a curriculum vitae, statement of research plans, and three letters of recommendation to:

Prof. Chris Batich
Chairman, Search Committee
217 MAE
University of Florida
Gainesville, FL 32611

Positions Available

**FACULTY POSITION
MATERIALS SCIENCE**

The Materials Science program at the University of Alabama at Birmingham seeks applications for a tenure-track position at the Assistant Professor level to begin September 1990. Appointments to other ranks will be considered. The primary appointment will be in either the Department of Chemistry or Physics with a secondary appointment in a multi-disciplinary materials science program. The candidate should be a theoretical and computational scientist in one of the following areas: electronic structure of atoms, molecules, polymers, macromolecules, or condensed matter. Excellent computer facilities are available that include clusters of SUNs, VAXes, an AR-DENT supermini and access to Alabama's CRAY X-MP/24. The successful applicant is expected to develop a strong graduate research program and teach at the undergraduate and graduate levels in either chemistry or physics. A curriculum vitae, a summary of planned research, and three letters of recommendation should be sent to Prof. David L. Shealy, Chair, Materials Science Search Committee, Department of Physics, University of Alabama at Birmingham, Birmingham, AL 35294. For more information call 205-934-8068. The position will be filled as soon as a suitable candidate is identified.

UAB is an Affirmative Action/Equal Employment Opportunity Employer.

**ELECTRON TRANSMISSION
MICROSCOPISTS
Transmission Microscopist
Electron Microscopist**

Systems Research Laboratories, a 34 year old applied research and development firm has immediate openings for the following:

*Electron Transmission Microscopist/
Materials Scientist:*

MS or PhD graduate with TEM lab experience during school and an interest in metals science.

Electron Transmission Microscopist:
PhD in material science with 5 years TEM experience, analytical electron microscopy ability with STEM and TEM.

Interested candidates should send their resumes to SRL, Dept. EK, a Division of Arvin/Calspan, 2800 Indian Ripple Road, Dayton, OH 45440-3696.

EOE/MFHV.

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Issue

March	February 6, 1990
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August	July 6, 1990
September	August 6, 1990
October	September 6, 1990
November	October 4, 1990
December	November 6, 1990

Closing Date

POSTDOC IN STM AND AFM

The Laboratory for Surface Science and Technology, University of Maine, seeks a postdoctoral fellow to use STM and AFM to study surfaces of polymers. A PhD in physics or related field is required. The position requires a "hands-on" experimentalist with experience in design and construction of ultra-high vacuum equipment and computer interfacing. Salary: \$30,000. The search will begin immediately and continue until a suitable candidate is found. Send a resume and three letters of reference to Prof. W.N. Unertl, Director, LASST, Sawyer Research Center, University of Maine, Orono, ME 04469.

EEQ/AA Employer.

Advertising Contact

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