

Positions Available

**DIRECTOR OF THE INSTITUTE
FOR MECHANICS AND MATERIALS
University of California—San Diego**

The Department of Applied Mechanics and Engineering Sciences invites applications for a full Professor-in-Residence position to become Director of the Institute for Mechanics and Materials. Position requires a senior scientist with research experience at the interface between solid mechanics and materials science. Industrial contacts, experience with industrial problems in mechanics and materials, and managerial capabilities are important considerations. Duties of the Director include managing the Institute at UCSD; contacting industrial partners; supervising postdoctoral fellows; and overseeing all conferences, workshops, the annual summer school, and arrangements for visitors. The Board of Governors makes all major decisions of program and funding; the Director formulates and implements programs after approval. Doctorate or equivalent degree required. Candidates should have sufficient experience and record of achievement in research consistent with appointment at the full Professor-in-Residence level.

Professor-in-Residence faculty have all rights and privileges of full professors, with salary provided by research and Institute grants.

Level of appointment and salary, within UC guidelines, commensurate with qualifications. IMM is partially funded by the National Science Foundation. Send curriculum vitae, list of publications, and names/addresses of five references to:

IMM Search Chair/mr
Dept. of AMES,
UCSD
La Jolla, CA 92093-0411.

Application deadline is November 1, 1996.

UC is an Equal Opportunity/Affirmative Action employer.

**TENURE-TRACK FACULTY POSITION
Materials Science
Oregon State University**

The Mechanical Engineering Department at Oregon State University invites applicants for an academic year, tenure-track faculty position in materials science, with an emphasis in engineered materials such as alloys, composites, or ceramics. A PhD degree in mechanical engineering, materials science, or a closely related field is required. A background which includes materials science and peripheral interests in either mechanics or manufacturing applications is required. Appointment is targeted at the Assistant Professor rank, with the possibility of appointment at the Associate Professor level in an exceptional case. Primary duties include undergraduate and graduate teaching and research. Candidates must demonstrate ability to establish successful research and teaching programs. Full consideration will be given to applications received before **October 15, 1996**, but the position will remain open until filled. The starting date is January or March, 1997. Send resume and names of three references to Gordon M. Reistad, Professor and Head, Department of Mechanical Engineering, Oregon State University, 204 Rogers Hall, Corvallis, OR 97331-6001.

OSU is an AA/EEO employer and is responsive to dual-career needs.

**PhD Graduate
Sandia National Laboratories**

Seeking PhD graduate in metallurgy, materials science, or related field for a postdoctoral position to work at Sandia National Labs. This position will require the development of modeling techniques to simulate induction hardening of steel. Given a thermal profile, steel composition and starting microstructure, predictive models for microstructural evolution and phase transformations during on-heating and on-cooling cycle will need to be developed. The successful candidate must be fluent in an advanced programming language and be able to develop model simulations on UNIX workstations. This person will have to work with experimentalists to verify the models. This is a one-year appointment, renewable twice for a total of three years. Foreign nationals will be considered for this position, but US citizens are preferred.

Send resumes and references to: Veena Tikare, SNL, MS 1405, Albuquerque, NM 87185, vtikare@sandia.gov.

Sandia National Laboratories is an Equal Opportunity Employer.

Services

PATENT ATTORNEY

Richard A. Neifeld, PhD

Arlington, VA ; Telephone: 703-412-6492 ;
Fax: 703-413-2220; e-mail: raneif@oblon.com
Oblon, Spivak, McClelland; Maier & Neustadt, P.C.

Advertisers in This Issue

	Page No.
Australian Scientific Instruments	15
EDAX International	7
High Voltage Engineering	inside front cover
Hitachi Scientific Instruments	8
Huntington Laboratories	outside back cover
Kurt J. Lesker Company	10
MDC Vacuum Products Corp.	2
National Electrostatics Corp.	9
New Focus, Inc.	inside back cover
Parke Mathematical Laboratories	16
Polaroid	1
Virginia Semiconductor, Inc.	27
Voltaix, Inc.	60
John Wiley & Sons	64

For free information about the products and services offered in this issue, fill out and mail the Reader Service Card, or FAX it to (312) 922-3165.

**MRS BULLETIN
ADVERTISING
DEADLINES**

NOVEMBER

**1996 MRS Fall Meeting/
ICEM-96 Meeting Issue**

Theme: Tissue Engineering
from a Materials Perspective
Guest Editor: Joachim Kohn,
Rutgers University

Advertising Deadline: October 1, 1996

DECEMBER

Theme: The Science of Art
Guest Editors: Maryan W.
Ainsworth, The Metropolitan
Museum of Art and James W.
Mayer, Arizona State University

Advertising Deadline: November 1, 1996

Classified ads for November, December, and January will be placed in the Job Placement Service at the 1996 MRS Fall Meeting/ICEM-96, free of charge.

**To place your ad, call Mary E.
Kaufold today! 412-367-3036**