

Positions Available

**FACULTY OPENINGS
Materials Engineering
Purdue University**

The School of Material Engineering has tenure-track faculty openings. Ranks of the positions are open and will be consistent with candidates' background and experience. Candidates must have a PhD in some area of material science and engineering. Successful candidates will be expected to conduct effective teaching at undergraduate and graduate levels. A strong interest in both teaching and research is vital. Several opportunities exist to interact and collaborate with various materials programs on campus and to utilize central facilities. Areas of expertise are open with possible special consideration given to aspects of ceramics, electronic materials, polymers, and materials processing.

All applications received by **February 1990** are assured full consideration but the search will continue until the positions are filled. Starting dates will be after July 1990.

Resume and the names and addresses of three references should be sent to:

Prof. G.L. Liedl, Head
School of Materials Engineering
MSEE Building
Purdue University
West Lafayette, IN 47907

**FACULTY POSITION
Physical, Analytical, or
Inorganic Chemistry**

The Department of Chemistry of the University of Alabama in Huntsville seeks to fill a tenure-track faculty position at the level of assistant professor or higher. The candidate should be a physical, analytical, or inorganic chemist interested in the study of surfaces using any of the following equipment which are operational in the department: Perkin Elmer 5400 XPS, Kratos XSAM 800 Auger spectrometer, scanning Raman spectrometer, RF plasma generator, and a Bruker AC200 NMR. Research collaboration is possible with the U.S. Army's Redstone Arsenal and NASA's Marshall Space Flight Center. A PhD is required and postdoctoral experience is preferred. The successful candidate will begin in September 1990. The Chemistry Department offers curricula leading to the BS and MS degrees in chemistry and the PhD in materials science. Applicants should submit a curriculum vitae, statement of research plans, and the names of three references to Prof. James K. Baird, Chairman, Department of Chemistry, University of Alabama in Huntsville, Huntsville, AL 35899. Deadline for receipt of applications is **January 3, 1990**.

The University of Alabama in Huntsville is an Affirmative Action/Equal Opportunity Employer and especially encourages applications from minorities and women.

**Full-time Research Assistants
Part-time Graduate and
Undergraduate Students**

Kobe Steel Research Laboratories, USA, Electronic Materials Center is now collecting resumes from highly motivated research assistants, graduate students, and undergraduate students for future staffing needs of the recently completed research laboratory located in Research Triangle Park, NC. Education and experience in the areas of materials science, physics and/or electrical engineering are desirable. Unique opportunities exist for graduate students to conduct dissertation research, supported by this facility, while obtaining advanced degrees at North Carolina State University, University of North Carolina at Chapel Hill or Duke. The Electronic Materials Center is a newly established division of Kobe Steel, Ltd. of Japan. Its charter is the research and development of electronic materials and devices with initial emphasis on diamond thin films. Resumes should be sent to Dale Thompson, Lab Operations Manager, Kobe Research Labs, P.O. Box 13608, 79 Alexander Drive, 4401 Building, Research Triangle Park, NC 27709.

Kobe Research Laboratories, USA—Electronics Materials Center is an Equal Employment Opportunity Employer.

X-RAY DIFFRACTION

Applicants are sought for a full-time tenure-track position at the assistant professor level. Strong background in x-ray diffraction and PhD in materials science or related discipline required. Synchrotron radiation experience desirable. Candidates should be interested in teaching and developing a strong research program. Proposed starting date negotiable. Application deadline is **March 1, 1990**.

Northwestern University is an affirmative action/equal opportunity employer. Hiring is contingent upon eligibility to work in the United States. Send resume, publications and three letters of recommendation to:

Prof. Y.W. Chung
Department of Materials
Science and Engineering
Northwestern University
Evanston, Illinois 60208

**FACULTY POSITION
Analytical Microscopist/
Materials Scientist**

Applicants are sought for a full-time tenure-track position at the assistant professor level. A strong background in analytical electron microscopy and a PhD in materials science or a related discipline is required. Candidates should be interested in teaching undergraduate and graduate courses and in developing a strong research program. Proposed starting date is negotiable.

Northwestern is an Affirmative Action/Equal Opportunity Employer. Hiring is contingent upon eligibility to work in the United States. Send resume, publications and the names of three references to:

Prof. L.D. Marks
Northwestern University
Department of Materials
Science and Engineering
Evanston, IL 60208

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Ion Tech	11
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Velmex	9
Virginia Semiconductor	8
Voltaix	15