

**Polymeric Multicomponent Materials: An Introduction**, L.H. Sperling. John Wiley & Sons, New York, 1997. Cloth, 397 pp., \$59.95, ISBN 0-471-04138-6.

**Powder Metallurgy of Iron and Steel**, R.M. German. John Wiley & Sons, 1998. Cloth, 496 pp., \$79.95, ISBN 0-471-15739-2.

**Principles of Gas-Solid Flows**, L.-S. Fan and C. Zhu. Cambridge University Press, New York, 1997. Cloth, 557 pp., \$85.00, ISBN 0-521-58148-6.

**Purity Control of Semiconductors by the Method of Capacitance Transient Spectroscopy**, L.S. Berman. Electronic Integral Systems, St. Petersburg, Russia, 1995. Paper, 114 pp.

**Quasicrystals, A Primer**, 2d ed. C. Janot. Oxford

University Press, New York, 1995. Paper, 409 pp., \$95.00, ISBN 0-19-856551-8.

**Quick Selection Guide to Chemical Protective Clothing**, K. Forsberg and S.Z. Mansdorf. John Wiley & Sons, New York, 1998. Paper, 118 pp., \$25.95, ISBN 0-471-28797-0.

**Resonant Ultrasound Spectroscopy**, A. Migliori and J.L. Sarrao. John Wiley & Sons, 1997. Cloth, 201 pp., \$74.95, ISBN 0-471-12360-9.

**The Scientist as Consultant: Building New Career Opportunities**, C.J. Sindermann and T.K. Sawyer. Plenum Press, New York, 1997. Cloth, 341 pp., \$29.95, ISBN 0-306-45637-0.

**Surface Diffusion: Atomistic and Collective Processes, Vol. B360**, M.C. Tringides, ed. Plenum

Press, New York, 1997. Cloth, 724 pp., \$175.00, ISBN 0-306-45613-3.

**Tracks to Innovation, Nuclear Tracks in Science and Technology**, R.L. Fleischer. Springer-Verlag New York, New York, 1998. Cloth, 193 pp., \$49.95, ISBN 0-387-98342-2.

**Uncooled Infrared Imaging Arrays and Systems, Vol. 47, Semiconductors and Semimetals**, P.W. Kruse and D.D. Skatrud, eds. Academic Press, San Diego, 1997. Cloth, 341 pp., \$120.00, ISBN 0-12-752155-0. □

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Interested candidates should send a letter of interest and a resume along with the names, addresses, and telephone numbers of three references by mail to Gerald L. Liedl, Head, 1289 MSEE Bldg., Purdue University, West Lafayette, IN 47907-1289; by fax to 765-494-1204; or by e-mail to [liedl@purdue.edu](mailto:liedl@purdue.edu).

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The Department of Electrical and Computer Engineering (ECE) at The University of Alabama seeks applications for several tenure-track faculty positions at the Assistant Professor level. Candidates are sought in all areas of computer engineering, electronic materials and devices, and power engineering. Applicants must have a PhD degree by the date of appointment in electrical engineering, computer engineering or a closely related field. Industry experience is desirable. The successful candidates are expected to establish quality research programs, collaborate effectively with other faculty, and excel at teaching in both the graduate and undergraduate levels. Individuals with a strong record of scholarly contributions and funded research may be considered for appointment at the Associate Professor rank. The ECE Department offers the MS and PhD degrees, in addition to a fully ABET-accredited BSEE with a formal option in computer engineering. Present faculty specializations include computer engineering, communications, controls, electromagnetics/microwaves, materials, microelectronics, and power engineering. The University of Alabama campus, located in Tuscaloosa, is one of the oldest major universities in the region and the largest in The University of Alabama system with over 18,000 systems.

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Prof. A.A. El-Keib, Chairman  
Electrical and Computer Engineering  
Search Committee  
Box 870286  
Tuscaloosa, AL 35487-0286  
Phone: 205-348-1756  
E-mail: [el-keib@coe.eng.ua.edu](mailto:el-keib@coe.eng.ua.edu)

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The School of Materials Engineering seeks applicants for the position of Head. The School has 13 faculty with approximately 90 undergraduate and 35 graduate students. The undergraduate program includes integrated education across the spectrum of the field. The graduate program for the MS and PhD provides a cohesive program that ensures a breadth and depth of knowledge and experience in the field. Research programs have a focus on materials processing and characterization in ceramics, metals, and electronic materials with a strong emphasis on interdisciplinary groups to address major research problems. Sponsored research expenditures for FY 96-97 were nearly \$4M.

The qualified candidate should possess outstanding leadership and administrative capabilities, proven abilities in research and teaching, and an earned doctorate. The candidate should be an individual with a thorough understanding of the present state of the field and a clear vision for the future of the field. The candidate should have a strong interest in nurturing faculty development, promoting innovative educational activities and sponsored research, leading fundraising activities, and interacting with government, industry, and professional societies.

Salary will be commensurate with qualifications. Applicants must provide a detailed resume of experience and qualifications and three references upon request. Also, candidates must include a short narrative describing their views on education, research, and the future of the field. The screening of candidates will begin in **October 1998**, and will continue until the position is filled.

Inquiries, applications, or nominations should be addressed to Professor Keith Bowman, Search Committee Head, 1289 Materials and Electrical Engineering Bldg., Purdue University, West Lafayette, IN 47907-1289.

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