

Positions Available

**DIRECTOR
Particulate Materials Center
Pennsylvania State University**

The Department of Materials Science and Engineering (MSE) and the inter-college Research Programs invite applications for Director of the Particulate Materials Center (PMC) and Professor of Materials Science and Engineering. The Director will hold a tenure track, joint faculty position with MSE and the Intercollege Materials Research Lab, where the PMC is located.

The Director is primarily responsible for interfacing with industry, member relations and Center administration. The Director is expected to maintain a strong research program, and to teach both undergraduate and graduate courses in MSE. The successful candidate should have an established record of research accomplishments in the field of particulate materials, especially in the area of green processing or industrial ecology. A PhD degree in ceramics, materials science or related fields is a requirement.

Please submit curriculum vitae and references by **September 1, 1997** to:

Professor David J. Green
201 Steidle Bldg.
Pennsylvania State University
University Park, PA 16802

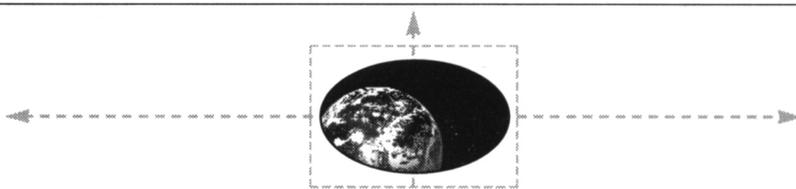
*An Affirmative Action/Equal Opportunity Employer.
Women and minorities encouraged to apply.*

**MATERIALS ANALYST
Surface Science Laboratory**

Surface Science Laboratory provides analytical services for failure analysis, materials characterization and QA/QC. Our continued growth has created the need for experienced professionals.

Two materials analyst positions are available requiring a BS degree in materials science, chemistry or physics and a minimum of three to five years of specific analytical experience in ESCA or AUGER spectroscopy. Strong communication skills (oral and written) are mandatory. An advanced degree is preferred. Experience in the semiconductor, computer disk or drive area, or in bio-materials and magnetic media a plus.

Send resume to Surface Science Laboratories, 625 B Clyde Avenue, Mountain View, CA 94043, Fax (415) 962-0923 or e-mail sfarrell@surface-science.com.



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Electron Microscopy Research Associate

Monsanto Corporate Research has an opportunity for a Research Associate in electron microscopy. The position is located in the Analytical Sciences Center (ASC) within Monsanto's Corporate Research. The ASC is an exciting, state-of-the-art research organization serving the analytical needs of Monsanto's new life sciences company.

The successful candidate will join a small team of experts involved in the structural examination of catalysts, polymers, biomaterials, or other nanophase materials. The position requires a M.S. or B.S. or equivalent in material science or a related field with 3-5 years experience in transmission electron microscopy associated with materials. A strong background in TEM and associated preparative techniques, including embedding, ultramicrotomy, and dark room procedures is essential. The successful candidate will be highly motivated, self-directed, interested in learning new skills, and effective working independently or in a team-based research environment. Excellent interpersonal, verbal and written communication skills are necessary. Experience with SEM and other imaging techniques, as well as digital imaging and image analysis are desired but not required.

Monsanto offers a competitive salary and benefits package, as well as a challenging and outstanding career opportunity in a fast-paced scientific organization. Interested applicants should send their CV or resume with the names and address of three references to: **Monsanto Company, 800 N. Lindbergh Blvd., Mail Zone: E2NA, St. Louis, MO 63167.** EEO/AA Employer M/F/D/V. Please visit our website at www.monsanto.com.

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ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

The Swiss Federal Institute of Technology Lausanne (EPFL) invites applications for the following full-time position in the Department of Materials Sciences.

PROFESSOR OF POLYMERS

The candidate should have a specific academic training in polymer science as well as several years of professional experience. He/she will build and lead a world-class research program in the field of science and technology of polymers. A capacity to conceive and lead important projects and to cooperate with other laboratories is required.

The candidate should be equally interested in fundamental phenomena and problems in technology and their industrial applications. He/she should possess good leadership skills, a spirit for teamwork and the ability to manage projects in connection with industries. A marked interest and talent for teaching is necessary, in particular, the new professor should have the capability to lead students, and enjoy being a mentor for young researchers and PhD students. Deadline for applications is **November 10, 1997**. Start date as mutually convenient.

The application form can be obtained by writing to Présidence de l'Ecole polytechnique fédérale de Lausanne, CE-Ecublens, 1015 Lausanne, Switzerland.

Applications from women are particularly welcome.

Classified ads can be e-mailed to kaufold@Mrs.org.