

Position Wanted

Polymer Materials Scientist

PhD experienced in solid state of polymers. Successful in problem solving and applications of polymers to electronics. Publications and patents on: surface modification, XPS, ESCA, composite materials, microelectronics, polymer properties. Seeking management or senior research position with opportunity to publish. Telephone: (609) 924-6146 or Box XI/2/1, MRS.

Positions Available

Postdoctoral Research Associate/Staff Scientist

A postdoctoral research associate/staff position is open immediately in the Materials Science Division, Barnett Institute, Northeastern University. Current research is on rapid solidification processing; structure, mechanical and physical properties of metastable alloy phases including metallic glasses; electronic materials. Background in physical metallurgy preferred; TEM experience required. Appointment level based on experience; competitive salary. Contact Prof. B. C. Giessen, 341 MU, Northeastern University, Boston, MA 02115. Northeastern is an Equal Opportunity/Affirmative Action, Title IX University.

We Are Expanding to Build Your Tomorrow

Martin Marietta Laboratories, the corporate research and development facility for Martin Marietta Corporation, is currently expanding its research efforts in the area of **ADVANCED MATERIALS**. Positions are available for PhD engineers and scientists to conduct research in titanium alloy development.

We are seeking individuals with expertise in titanium melting, casting, microstructure-property relationships, and fracture behavior. U.S. citizenship or permanent residency status required.

Our growing facilities are conveniently located in a campus-like setting between Baltimore, MD and Washington, DC. Individuals who thrive on the challenges of advanced technology are encouraged to contact: Beth Snyder Jones, Personnel Recruiter, **Martin Marietta Laboratories**, 1450 South Rolling Road, Baltimore, MD 21227, (301) 247-0700 ext. 331.

MARTIN MARIETTA LABORATORIES
Solving real-world problems from first principles.
An equal opportunity employer.



Opportunities with Flow Industries Advanced Materials Division - Seattle

Optical Materials R&D Opportunities

The Advanced Materials Division of Flow Industries, Inc. has several openings for scientists with strong experience in development and characterization of optical thin films, fibers and window materials.

Individual(s) will have leadership roles in a contract research group established to develop new materials/systems for commercial production.

Successful applicants will have advanced degrees and three or more years experience in the following areas:

Physics of Thin Films/Optical Fibers

Knowledge of optical or electronic thin films or optical fibers, laboratory experience with PVD or CVD, strong understanding of theory and experience in characterization methods.

Physical Chemistry

Experience in development of inorganic oxides, halides or chalcogenides for optical applications as fibers, window materials or thin films. Will be experienced in spectroscopy and use of lasers. Knowledge of time resolved, computer controlled analytical methods would be a plus.

We offer an excellent compensation program, complete benefits and an opportunity to work in an entrepreneurial environment. Submit your resume with cover letter to: **Chuck Cushing, Flow Industries, 21414-68th Avenue South, Kent, WA 98032**. Equal opportunity employer M/F/H/V.



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