

**DIRECTOR OF ACCELERATOR
LABORATORY**

**Institute for Materials Research
McMaster University**

Applications and nominations are sought for the position of Director of the McMaster Accelerator Laboratory.

This laboratory has a well-equipped FN (11.5 MV terminal) tandem accelerator, a KN-4000 Van de Graaf and a 150-kV ion implanter with associated beam lines, goniometer facilities, etc. for a wide range of accelerator-based research studies in solid state, atomic and molecular physics and in materials science and engineering. It is associated with McMaster's Institute for Materials Research which supports a comprehensive program of interdisciplinary materials research.

We are seeking a senior scientist or engineer with an active, internationally recognized research program utilizing accelerator-based techniques in one or more of the above areas of science and engineering.

The Director of the Accelerator Laboratory will be expected to hold a senior faculty position in an appropriate department within either the Faculty of Science or the Faculty of Engineering. The Director will oversee a broad program of accelerator-based research and will be responsible for coordinating proposals for funding support of the accelerator. With the imminent retirement of the present director, the successful candidate will have a unique opportunity to expand the accelerator-based research program into new areas of interest.

The appointment is to be filled as soon as possible with a starting date no later than July 1, 1991.

Nominations and applications, together with a detailed curriculum vitae and the names of three referees, should be sent to:

Dr. R.F. Childs
Vice President (Research)
Gilmour Hall-113
McMaster University
Hamilton, Ontario, Canada
L8S 4L8

In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents.

DEPARTMENT HEAD

**Metallurgical Engineering and
Materials Science
Carnegie Mellon University
Pittsburgh, PA**

Applications and nominations are now being accepted for this position. Candidates must have a commitment to education, a distinguished record of research and a willingness to deal with managerial issues. We seek a leader of vision with a broad view of materials science and engineering who can coordinate and strengthen programs in metallurgy, ceramics, electronic and magnetic materials. Applications should be sent to:

Prof. W.W. Mullins
Department of Metallurgical
Engineering and Materials Science
Carnegie Mellon University
Pittsburgh, PA 15213-3890

ASSOCIATE RESEARCH ENGINEER

Candidate will conduct significant theoretical & experimental research on deformation and fracture of high performance composite materials and thin films. Develop required analytical capability for guiding the development of high performance composite materials. \$4,133.33/mo. Requirements are a PhD or its equivalent in ME; 3 years in job offered or 3 years in fracture mechanics research; strong background in theoretical/applied mechanics and materials science with special emphasis on composite and thin films; and distinguished record in research—published articles on subject matter. Job and interview in Santa Barbara, CA. Send ad and resume to Attn: Shirley Luna, Materials Department, UCSB, CA 93106.

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Advertising Contact: Mary E. Kaufold, Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237; telephone (412) 367-3036; FAX (412) 367-4373.