

Positions Available

PROGRAM DIRECTOR Division of Materials Research National Science Foundation

The National Science Foundation's Division of Materials Research is seeking qualified applicants for two Program Director positions to commence October 1995 (or possibly sooner) for a period of one year to two years, and may be filled on a visiting scientist/temporary basis or via the Intergovernmental Personnel Act (IPA) Program.

(1) Program Director for Materials Theory: Applicants must hold a PhD or equivalent experience in materials science and engineering, condensed matter physics, materials chemistry, or a related field of science or engineering plus six or more years of research experience beyond the PhD. Familiarity with a broad spectrum of the materials research community, demonstrated administrative ability, and theoretical expertise in one or more of the above-mentioned areas are desired.

(2) Program Director for the Ceramics portion of the Metals, Ceramics, and Electronic Materials Program: Applicants must hold a PhD or equivalent experience in materials science and engineering or a related field of science or engineering, plus six or more years of research experience beyond the PhD. Familiarity with a broad spectrum of the ceramics and materials research community, and demonstrated administrative ability are desired. The salary range, which includes a locality pay adjustment, is from \$60,925 to \$94,953 per annum. Applicants must submit a resume, with current salary, and up to three letters of recommendation by **April 1, 1995** to:

National Science Foundation
Attn: Nina Beard
Division of Human
Resource Management
Suite 315, 4201 Wilson Blvd.
Arlington, VA 22230.

For general information, call Ms. Beard at 703-306-1185, ext. 3026. For technical information, contact John H. Hopps, Jr., Division Director, at 703-306-1811 or Adriaan M. de Graaf, Executive Officer, at 703-306-1812. Hearing-impaired individuals should call TDD 703-306-0189.

Qualified individuals who are women, ethnic/racial minorities, and/or persons with disabilities are strongly encouraged to apply. NSF is an equal opportunity employer committed to employing a highly qualified staff that reflects the diversity of our nation.

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1. Carbon Nanotube Research

This research focuses on the understanding of carbon nanotube formation mechanism, its properties, and applications.

Essential Experience: vacuum equipment, optical and mass spectroscopy, carbon chemistry, crystal growth.

2. Atomic Layer Epitaxy of High Temperature Superconducting Layers and Heterostructures

This research focuses on the understanding of atomic layer epitaxy of complex oxide layers using organometallic precursors. Device applications will also be considered.

Essential Experience: surface science background, high vacuum equipment, knowledge of crystal growth, etc.

Interested candidates should send a current resume, including the names, addresses, and telephone numbers of three references to:

Linda M. Stewart, Project Assistant
Materials Science &
Engineering Dept.
Northwestern University
2225 N. Campus Drive, MLSF #2036
Evanston, Illinois 60208

EEO/AA Employer. Employment eligibility verification required upon hire.

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