

# MATERIALS SCIENTISTS AND ENGINEERS

LANXIDE CORPORATION is a rapidly growing new enterprise, organized to capitalize on a major breakthrough in high performance ceramics and ceramic composites. We are currently staffing our technical organization and have multiple openings both for experienced and entry level professionals. We would like to hear from you if you are a highly motivated individual, interested in unusual career growth in research, development and engineering in high performance ceramics.

## PROCESS RESEARCH

PhDs or strong MSs in Ceramics, Materials Science or Chemical Metallurgy to develop and refine a new process for the fabrication of novel ceramic matrix composites. Some experience in coatings desirable.

## MATERIALS RESEARCH

### (Electrical and Mechanical Properties)

PhD in Ceramics or Materials Science to establish structure/property relations and application criteria for novel ceramic composite materials.

## HIGH TEMPERATURE MECHANISMS

PhDs in Physical Chemistry, Materials Science or Chemical Metallurgy to establish kinetics and mechanisms of multiphase, high temperature, chemical reactions and extend results to new chemical systems.

## MECHANICAL ANALYSIS

PhD in Applied Mechanics, ME or Ceramics to analyze stresses and develop performance predictions for brittle ceramic composite materials.

## APPLICATIONS ENGINEERING

MS or BS in Ceramics or Materials Engineering to identify applications for new ceramic materials, establish properties requirements, develop pre-prototype samples and set up test programs to demonstrate applications feasibility.

## PROCESS ENGINEERING

BS or MS in Ceramic or Metallurgical Engineering to develop and optimize laboratory scale processes for ceramic composites through pilot scale production.

## CERAMIC FORMING PROCESS ENGINEER

BS or MS in Ceramics to identify, adapt and optimize techniques for forming particulate or fibrous ceramic shapes.

Call for more information and/or send resume to:  
E.M. Rembecki, Personnel Manager

**LANXIDE**

**Lanxide Corporation**

1 Tralee Industrial Park, Newark, DE 19711  
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For further details on benefits for MRS Corporate Affiliates, contact William Katz, General Electric/KAPL, P.O. Box 1072, Bldg. E1, Room 114C, Schenectady, NY 12301; telephone (518) 393-6611, ext. 7051.

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"The authors and subject editors read like a 'Who's Who In Materials Science,' and I personally have a great deal of respect for the technical caliber of their work. The articles are uniform and well written. Overall, the *Encyclopedia* will provide consolidated and rapid access to unfamiliar literature in materials science and engineering." — H. C. Bhedwar, Sr. Supervisor, Materials Engineering Section, Engineering Technology Laboratory, E. I. Du Pont De Nemours & Company

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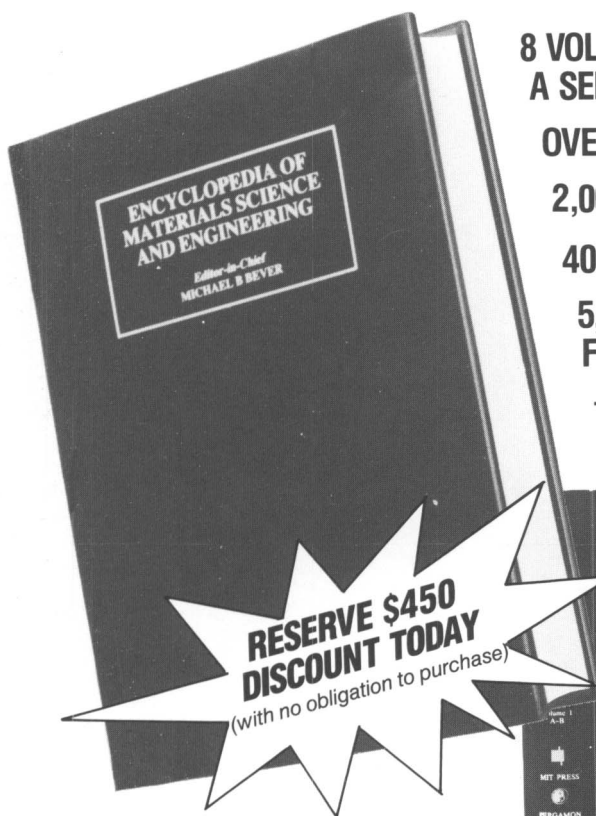
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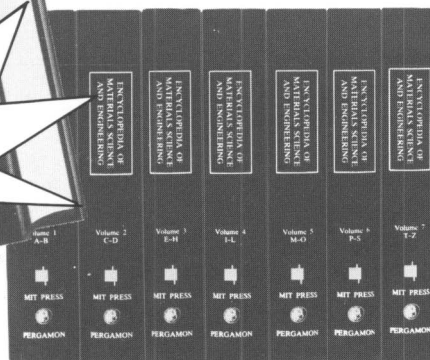
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