

National Educators' Workshop Issues Call for Materials Experiments

The fifth annual National Educators' Workshop (NEW): Update 90, to be held November 13-15, 1990 in Gaithersburg, Maryland, will focus on new and evolving topics in engineering materials science and technology. For the third consecutive year

*Invaluable to the professional!
Excellent for the student!*

The fifth annual National Educators' Workshop (NEW): Update 90, to be held November 13-15, 1990 in Gaithersburg, Maryland, will focus on new and evolving topics in engineering materials science and technology. For the third consecutive year the workshop will emphasize the gathering of experiments and demonstrations for use in materials laboratory courses, especially those on the undergraduate level.

Scientists, educators, engineers, and technicians are invited to contribute well-designed laboratory experiments and classroom demonstrations relating to the nature and properties of all classes of engineering materials. Stand-alone experiments that encompass a variety of concepts, that do not require elaborate or expensive setups, and that focus on newer materials are of primary interest. The experiments and demonstrations can be either live or on videotape. Abstracts are due **June 1, 1990** and should be sent to J.A. Jacobs at the address below.

The experiments and demonstrations will be reproduced and distributed to the workshop attendees. The long-range objective is to develop in the form of a manual a solid collection of experiments and demonstrations which will be made available through the Materials Education Council (U.S.) and appropriate technical societies.

To register for NEW: Update 90 or to submit an abstract, contact James A. Jacobs, National Educators' Workshop: Update 90, School of Technology, Norfolk State University, 2401 Corprew Avenue, Norfolk, VA 23504; telephone (804) 683-8109/8712.

NEW: Update 90 is being sponsored by Norfolk State University, National Institute of Standards and Technology, and the National Aeronautics and Space Administration, with the assistance of the Materials Education Council (U.S.), ASM International, Battelle Pacific Northwest Laboratories, Ford Motor Company, and Westinghouse Materials Company of Ohio. □

The Journal of Materials Education

published by the Materials Education Council

The *Journal of Materials Education* is a periodical designed for multi-level education. Since its debut in 1979, it has provided instruction for materials scientists and engineers in disciplines including metallurgy, ceramics, polymers, solid state devices and materials.

Peer-reviewed. The *Journal of Materials Education* features peer-reviewed modules in each issue for free distribution. Published bi-monthly, the journal is an excellent source for teaching, professional meeting presentations, and reviews.

Free reproduction rights. The *Journal of Materials Education* is as inexpensive as well as convenient to use. This feature entitles you to free reproduction rights for use in teaching or review a topic with your students.

Sample module topics include:

- Impact testing
- Adhesives
- Electrometallurgy
- Fractals in Materials Science
- Electronic properties
- Microstructure of SiC
- Composite electroceramics
- Corrosion kinetics
- Epitaxy in semiconductors
- Interfacial Electrochemistry
- Fiber optic materials
- Biomaterials

Subscription Information

The *Journal of Materials Education* offers two subscription categories: institutional and secondary. Institutional subscriptions are \$210.00 per year, while secondary subscriptions are only \$35.00. Secondary subscriptions are advantageous when you would like to purchase a second copy for ease of distribution.

Save on 2-year subscriptions:

- Institutional: \$335.00
- Secondary: 65.00

Make check payable, in U.S. dollars, to the Materials Education Council, Pennsylvania State University. Send all orders to:

Managing Editor, JME
110 Materials Research Laboratory
The Pennsylvania State University
University Park, PA 16802-4800



(1989) has two sub-categories: Individuals affiliated with secondary schools and institutions are advantageous for reference and cut

Pennsylvania State Uni-