

## NOTICES

### **MAC Short Course, Environmental Geochemistry May 11-13, 1984**

A graduate level course for Earth Scientists, Chemists and Biologists, giving the chemical basis for understanding the interaction of rocks, soils, water and air with the biosphere and discussing contemporary environmental concerns will be held in the Social Sciences Building, University of Western Ontario on May 11, 12, and 13, 1984. The lectures will be complemented by a Short Course Handbook. Lecture Program: The geochemical cycle—W. S. Fyfe; Chemical speciation and mineral stability in natural waters—H. W. Nesbitt; Metal-organics in natural waters—W. Shotyk; Weathering processes of rock-forming minerals—M. A. Velbel; Human perturbation of the geochemical cycle—J. R. Kramer; Metals in humans—E. Nieboer; Modern methods of surface analysis and microanalysis—N. S. MacIntyre; Regional geochemical surveys—D. L. Lush; Geochemical modelling and nuclear fuel waste disposal—N. Garisto; Soil organic matter: its role in the environment—M. Schnitzer; Groundwater pollution—J. A. Cherry.

The registration fee of \$150.00 (Canadian) includes a bound copy of the Short Course Handbook, attendance at all sessions, and a wine and cheese social. A special registration fee of \$75.00 is available for 35 students who submit a certification of student status. Registrants are responsible for their own accommodation and meals during the short course. Bed and breakfast accommodation is available in campus halls of residence. Registration will be limited to 200 participants (including students) and will be accepted on a first-come, first-served basis.

For more information, contact, M. E. Fleet, (519)679-3135 or W. S. Fyfe, (519)679-3121, both located at Department of Geology, University of Western Ontario, London, Ontario N6A 5B7.

### **ASU Centennial Conference on High-Resolution Electron Microscopy**

January 7-11, 1985—Scottsdale, Arizona

The ASU Centennial Conference on High-Resolution Electron Microscopy will be held January 7-11, 1985 at Scottsdale, Arizona. The topics of the Conference will be principles and

instrumentation for obtaining highest resolutions for imaging and chemical analysis; image interpretation and calculation; electron diffraction and channeling; applications in mineralogy, solid state chemistry, and materials sciences. For information, contact Dr. P. R. Buseck, Department of Geology, Arizona State University, Tempe, AZ 85287.

### **M. J. Buerger Award**

The American Crystallographic Association announces the establishment of a triennial award in honor of Martin J. Buerger, Institute Professor Emeritus of M.I.T. and University Professor Emeritus of the University of Connecticut. The award includes the following citation: "Martin J. Buerger is a mineralogist who has made major contributions to many areas of crystallography, including crystal growth, morphology, structure analysis, phase transformations, and instrumentation. His textbooks are classics in the field."

The award will recognize mature scientists who have made contributions of exceptional distinction in areas of interest to the American Crystallographic Association. Because of the broad nature of Buerger's own contributions, there is no restriction as to the area or areas of crystallography in which the recipient's contributions have been made. In recognition of the role of mineralogy in Buerger's work, at least one member of the selection committee will be a mineralogist. The award is not restricted as to nationality, race, sex, religion, or membership in the ACA. The first award will be made in 1985.

Leonid V. Azaroff, of the Institute of Materials Science, University of Connecticut, directed the drive to raise the necessary endowment for the award. Contributors include students, friends, and associates of Prof. Buerger, and also Amray, Inc., Blake Industries, E. I. DuPont de Nemours & Co., Philips Electronic Instruments, Inc., and Charles Supper Co. The ACA is extremely pleased at the creation of the Buerger Award, and expresses its appreciation of these contributions and of that made by Prof. Azaroff. The endowment is still open, and any persons who wish to contribute to it are cordially invited to do so. Tax-exempt contributions may be sent to the Treasurer of the ACA (Robert J. Sparks, Nicolet XRD Corporation, 255 Fourier Avenue, Fremont CA 94539).

### **Abstractors Needed**

Mineralogical Abstracts needs abstracting volunteers. Several important journal assignments are available. Please contact Karl A. Riggs, Mineralogical Abstracts Organizers for America, Department of Geology and Geography, Mississippi State University, Mississippi State, Mississippi 39762.