

The State of the *Journal of Materials Research*

The *Journal of Materials Research (JMR)* is completing a banner year. Our subscriptions have increased, especially library subscriptions by more than 3%. Manuscript submissions have increased by 17%. Processing of more than half of our papers is completed in under four months. More than half of our papers are from countries other than the United States. Pacific Rim submissions have increased substantially. Citation criteria, especially number of citations and mean citation life, place the *Journal* at or near the top for broadly based archival journals. In short, the *Journal* is doing very well and on a good vector using conventional metrics.

However, much more importantly, the *Journal* is, I believe, extremely healthy in its human aspects and in its scientific directions. Seven distinguished Principal Editors have elected to retire. The *Journal* and the materials community owe them a great debt for their contribution to our field through *JMR* service. They are Michael Aziz, Harvard University; Pat Gallagher, Ohio State University; Michio Inagaki, Hokkaido University, Japan; Harry Leamy, University of North Carolina at Charlotte; Shiushichi Kimura,

Yamanashi University, Japan; Ken Sandhage, Ohio State University; and Karl Sieradzki, Arizona State University.

We are delighted to have induced 11 internationally distinguished materials scientists to join *JMR* in 1997: Sunggi Baik, Pohang University, Korea; Salvatore Coffa, CNR-IMETEM, Italy; Thomas Ebbeson, ISIS, France; Sossina Haile, California Institute of Technology; Sungho Jin, Bell Laboratories/Lucent Technologies; Adrian Mann, Johns Hopkins University; Mike Nastasi, Los Alamos National Laboratory; Bob Snyder, Ohio State University; Mototsugu Sakai, Toyohashi University, Japan; Stuart Solin, NEC; and Eiichi Yasuda, Tokyo Institute of Technology, Japan.

JMR now has two Communications Editors (Robert Frankenthal, Bell Laboratories/Lucent Technologies and Robert Snyder, Ohio State University) and beginning in January 1998 *JMR* will publish communications on the World Wide Web prior to print publication. This will make *JMR* communications dissemination among the most rapid of any archival journal.

An exciting group of subjects have been covered or will be covered in Focus Issues: November 1997 "High-Temperature

Superconducting Materials—The First Ten Years," guest edited by Julia Phillips, Koichi Kugimiya, Shoji Tanaka, and Yuh Shiohara; January 1998 "Materials and the Environment: Towards Sustainable Development," guest edited by Donald Sadoway; April 1998 "Soft Solution Processing," guest edited by Yasumichi Matsumoto; and September 1998 "Carbon Nanotubes," guest edited by Mildred Dresselhaus.

Much more could be said about *JMR*. Speaking personally, I find it a privilege as Editor-in-Chief to be associated with our most outstanding group of Editors. I also greatly value the dedication and professionalism of our Editorial Staff of Helen Miller, Peggy Costello, and Linda Baker. The *Journal's* excellence rests on their contributions.

Theodore Roosevelt liked to say that his job gave him a "bully pulpit" for the nation. On a smaller scale, I'm lucky enough to have a "bully listening post" for materials science. I assure you, for this materials scientist—it's as good as it gets.

R.A. LAUDISE
EDITOR-IN-CHIEF

CLASSIFIED

Positions Available

TENURE-TRACK ASSISTANT PROFESSOR OF PHYSICS United States Naval Academy

The Physics Department invites applications for a possible tenure-track assistant professor position depending upon the availability of funding to begin in August 1998. The successful applicant will have a PhD degree in physics, a strong interest in teaching undergraduates and involving them in research, and the ability to teach both lecture and laboratory courses. Favorable consideration will be given to a) a research specialty which supports our course offerings and complements our faculty research interests, b) previous experience in teaching and research, and c) experience with computer-based instructional laboratories. Modern optics and nuclear/material research utilizing a small accelerator are fields of particular interest, but candidates with exceptional qualifications or experience in other fields may be considered. Major facilities include a 1.7-MV tandem electrostatic accelerator, new 20" reflector and 8" refractor telescopes, ultrafast dye- solid-state lasers, a helium dilution refrigerator, pulsed/cw nmr system, and a well-equipped acoustics laboratory. Upper-division elective courses include nuclear physics, optics, acoustics, astrophysics, and condensed-matter physics. The department has 25 civilian faculty, teaches about 1000 students per year in its core course, and graduates about 30 physics majors per year.

To apply, send a letter of application, a resume, an unofficial transcript, a statement of teaching philosophy, and a description of proposed research to Search Committee, c/o Professor C. Elise Albert, Physics Department, U.S. Naval Academy, 572 Holloway Road, Annapolis, MD 21402-5026. Inquiries may be sent via e-mail to search@nadn.navy.mil/. Search updates will be posted on <http://www.nadn.navy.mil/jobinfo/>.

The U.S. Naval Academy is an equal opportunity/affirmative action employer.

Staff Position

Argonne National Laboratory Materials Science Division

The Interface Materials Group of the Argonne National Laboratory Materials Science Division is searching for an experimentalist who will investigate the fundamental role of point defects, stoichiometry and interface in the transport and electronic properties of complex oxide thin films. The group combines state-of-the-art experimental techniques (e.g., MOCVD synthesis, TEM, X-ray diffraction, ion-beam scattering) with computer simulations to elucidate how the microstructure and the atomic structure and composition of the interfaces control the properties of ceramic thin-film materials. The successful candidate will have a Ph.D., post-doctoral experience and a demonstrated ability to conduct high-quality independent research in the field. Both junior- and senior-level candidates will be considered. For more information, please contact Dr. Orlando Auciello (Tel. 630/252-1685) or Dr. Dieter Wolf (Tel. 630/252-5205). Applicants should submit their curriculum vitae, a list of three references, and a statement of their research interests to: Susan Walker, Employment and Placement, Box MSD-118515-31, Argonne National Laboratory, 9700 S. Cass Avenue, Argonne, IL 60439, or fax 630/252-3441. Resumes are electronically scanned and processed. A letter quality resume with a standard typeface is required (no underlines or bold, please). Argonne is an Equal Opportunity/Affirmative Action Employer.

For additional information, please refer to Argonne's Home Page on the Internet — <http://www.anl.gov/welcome.html>

