

NEWS

FEDERATION OF MATERIALS SOCIETIES
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ALTON D. ROMIG OF SANDIA NATIONAL LABS RECEIVES NATIONAL MATERIALS ADVANCEMENT AWARD

Dr. Alton D. Romig, Jr., Senior Vice President and Deputy Laboratory Director for Integrated Technology Programs at Sandia National Laboratories, receives the National Materials Advancement Award from the Federation of Materials Societies at a reception at the National Press Club in Washington, DC, on December 7, 2005.

The Award recognizes individuals who have demonstrated their outstanding capabilities in advancing the effective and economic use of materials and the multi-disciplinary field of materials science and engineering generally, and who contribute to the application of the materials profession to national problems and policy.

At Sandia, Dr. Romig's responsibilities include the leadership and management of development and engineering activities that provide science, technology, systems, and expertise in support of US Programs in military technology; proliferation prevention; technology assessments; counterintelligence; energy science, resources, conservation, and infrastructure assurance; and homeland security. The portfolio includes support to the US Departments of Energy, Defense, State, Justice, Homeland Security, the Intelligence Community, and the Nuclear Regulatory Agency. The work includes international engagement such as through the International Atomic Energy Agency (IAEA).

In governmental, national and international policy settings, Dr. Romig is a leader in advisory boards and task forces. He is a member of the National Academy of Engineering and is active on a number of National Academy of Engineering/National Research Council Committees and Boards. He also serves on the Boards of Atomic Weapons Establishment Management Limited, a Lockheed Martin joint venture company in the UK and Technology Ventures Corporation, a Lockheed Martin subsidiary dedicated to technology commercialization. In service to his profession, he has been honored as Fellow and former President of ASM International, Fellow of The Metals, Minerals and Materials Society, and Fellow of the American Association for the Advancement of Science.

For his pioneering work in analytical electron microscopy and solid state diffusion, Dr. Romig has received several awards, including the Burton Medal (1988), awarded by the Electron Microscopy Society of America to an Outstanding Young Scientist; the K.F.J. Heinrich Award (1991), given by the Microbeam Analysis Society to an Outstanding Young Scientist; the ASM Silver Medal for Outstanding Materials Research (1992); and the Acta Metallurgica International Lectureship (1993-1994). Dr. Romig has also been named the 2003 ASM-TMS Distinguished Lecturer in Materials and Society. He is the 2005 Acta

Materialia, Inc., J. Herbert Hollomon Award winner for outstanding contributions to materials science and society.

He received his B.S., M.S., and Ph.D. degrees in materials science and engineering from Lehigh University in 1975, 1977, and 1979, respectively. In 1979, he joined Sandia National Laboratories as a member of the technical staff, Physical Metallurgy Division. After a variety of management assignments, he was named Director, Materials and Process Sciences in 1992. From 1995 to 1999, he was Director of Microsystems Science, Technology, and Components. From 1999 to 2003, he was Chief Technology Officer and Vice President for Science, Technology, and Partnerships. In that role, he was Chief Scientific Officer for the Nuclear Weapons program, accountable for Sandia's interactions with industry and academia. In addition, he was responsible for the Laboratory Directed Research & Development program. In 2003, he was named Vice President, Nonproliferation and Assessments. His responsibilities included technology and system development for remote sensing, proliferation assessment, international security, physical security, and nuclear/chemical/biological nonproliferation and counterintelligence. He served in this capacity until attaining his present position in 2005.

Previous recipients of the National Materials Advancement Award include Dr. Paul C. Maxwell, Science Consultant to the US House of Representatives Committee on Science (1985); Dr. John B. Wachtman, Jr., Director of the Center for Ceramics Research at Rutgers University (1986); Dr. William O. Baker, retired Chairman of the Board of AT&T Bell Laboratories (1987); Dr. Morris Cohen, Institute Professor Emeritus, MIT (1988); Dr. Allen G. Gray, Technical Director Emeritus, ASM International (1989); Dr. Klaus M. Zwilsky, Director of the National Materials Advisory Board (1990); Dr. Rustum Roy, Director of the Materials Education Council (1991); Rep. George E. Brown, Jr., Chairman of the House Science, Space and Technology Committee (1992); Dr. Lyle H. Schwartz, Director of the Materials Science and Engineering Laboratory at the National Institute of Standards and Technology (1993); Dr. Nathan E. Promisel, retired Director of the National Materials Advisory Board (1994); Dr. Peter R. Bridenbaugh, Executive Vice President-Automotive, ALCOA (1995); Dr. Mary L. Good, Under Secretary of Commerce (1996); Dr. Arden L. Bement, Jr. (1997); Dr. Robert Baboian, retired Fellow of Texas Instruments (1998); Dr. Merton C. Flemings, Toyota Professor, MIT (1999); Dr. Mildred S. Dresselhaus, Director, Office of Science, US Department of Energy (2000); Dr. Bhakta B. Rath, Associate Director of the Naval Research Laboratory (2001); Dr. Jerry M. Woodall, D. Baldwin Sawyer Professor at Yale University (2002); Dr. John Hopps, Deputy Undersecretary of Defense (2003); and Dr. James B. Roberto, Deputy Director, Science and Technology at Oak Ridge National Laboratory (2004).

The Federation of Materials Societies is a consortium of technical and professional societies and associations whose constituencies include scientists, engineers and other professionals active in the areas of materials policy as well as R&D, processing, manufacturing, recovery, and resource availability.