

## BIOGRAPHY

### Dr. Alton (Al) D. Romig, Jr.

*Executive Vice President, Deputy Laboratories Director, and Chief Operating Officer*



Dr. Alton D. Romig, Jr., is currently Executive Vice President, Deputy Laboratories Director, and Chief Operating Officer at Sandia National Laboratories, Albuquerque, New Mexico. In this capacity he manages all aspects of Laboratory business and operations supporting the US Departments of Energy, Defense, State, Justice, Homeland Security, the Intelligence Community, and the Nuclear Regulatory Commission, including international engagement such as through the International Atomic Energy Agency (IAEA). In addition, he is the senior executive accountable for the science and technology base that supports all Laboratory programs.

Dr. Romig 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 is a Fellow of the American Association for the Advancement of Science (AAAS) and TMS (The Metals, Minerals and Materials Society). Dr. Romig is also Fellow and former President of ASM, International (formerly American Society for Metals). He is a Senior Member of IEEE (The Institute of Electrical and Electronics Engineers). Dr. Romig 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.

Dr. Romig is a member of the Council on Foreign Relations (CFR). He is a past member of the Intelligence Science Board, an advisory body to the Director of National Intelligence, and has served on Defense Science Board Study committees. Dr. Romig also serves on the Board of the MIND Research Network, a not-for-profit company dedicated to the study of neurological disease and treatment. Dr. Romig is the recipient of the 2005 National Materials Advancement Award from the Federation of Materials Societies, an award which recognizes outstanding contributions to national materials policy. He is also the 2005 Acta Materialia, Inc., J. Herbert Hollomon Award winner for outstanding contributions to Materials Science and Society. Dr. Romig was also named the 2003 ASM-TMS Distinguished Lecturer in Materials and Society. For his pioneering work in Analytical Electron Microscopy and Solid State Diffusion, Dr. Romig has received several awards, including the Burton Medal (1988 - Microscopy Society of America); the K. F. J. Heinrich Award (1991 - Microbeam Analysis Society); the ASM Silver Medal for Outstanding Materials Research (1992); and the Acta Metallurgica International Lectureship (1993-1994).

Dr. Romig 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. After a variety of management assignments, he was named as 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. Additionally, he was responsible for the Laboratory Directed Research & Development Program. From 2003 to 2005, he was Vice President, Nonproliferation and Assessments. From 2005 to 2009, he was Executive Vice President for Integrated Technology and Systems, overseeing all work outside the Nuclear Weapons Program. He served in that capacity until attaining his present position in February 2009.

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