

Chianelli Assumes MRS Presidency in 1990

Roberto, Cargill, Jantzen Lead Slate of Newly Elected MRS Officials

The Materials Research Society will begin 1990, its 17th year, with nearly 10,000 members, continued growth in both its meetings and publications programs, and "a new and impressive slate of volunteers" among its leadership, according to outgoing MRS President R.P.H. Chang of Northwestern University.

Russell R. Chianelli, a section head with Exxon Research & Engineering who served in 1989 as MRS first vice president, automatically succeeded Chang as president in 1990. Joining Chianelli on the 1990 Executive Committee are James B. Roberto (Oak Ridge National Laboratory), first vice president and president-elect for 1991; G. Slade Cargill (IBM T.J. Watson Research Center), second vice president; and Carol M. Jantzen (Westinghouse Savannah River Company), secretary. Susan M. Kelso (Therma-Wave, Inc.) will continue to serve on the MRS Executive Committee as treasurer through the end of 1990.

In addition, seven scientists representing a variety of disciplines were elected to three-year terms on the MRS Council. New councillors are John E.E. Baglin (IBM Almaden Research Center), Mildred S. Dresselhaus (Massachusetts Institute of Technology), Harry C. Gatos (Massachusetts Institute of Technology), Edward J. Kramer (Cornell University), Frans Spaepen (Harvard University), and C.W. (Woody) White (Oak Ridge National Laboratory). They will join fellow councillors B.R. Appleton (Oak Ridge National Laboratory), Walter L. Brown (AT&T Bell Laboratories), Charles B. Duke (Battelle Pacific Northwest Laboratories), Elton N. Kaufmann (Argonne National Laboratory), S. Thomas Picraux (Sandia National Laboratories), Gordon E. Pike (Sandia National Laboratories), Della M. Roy (Pennsylvania State University), and Kathleen C. Taylor (GM Research Laboratories), whose terms expire in either 1990 or 1991. All terms are effective January 1.

In announcing the results, Chang said, "MRS was fortunate to have a strong group of candidates all the way around. Because of our continued growth as a Society, we need individuals who are committed to lead and manage that growth without jeopardizing the excitement and responsiveness for which we are known. I have confidence that these new leaders—activists in the best sense of the word—will be successful in that objective."

Russell R. Chianelli President

"I believe that MRS is a critical resource for the future of U.S. science and technology," says Russell R. Chianelli, incoming MRS President. "I am deeply committed to the idea that U.S. science and technology need more models for cooperative government/academia/industrial interdisciplinary research for the future. I find such models more prevalent within MRS than in any other organization."

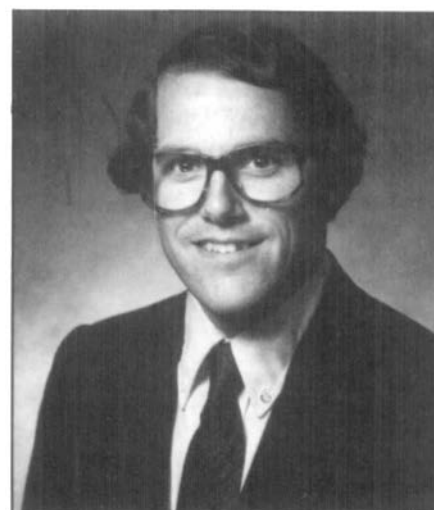


Russell R. Chianelli

Chianelli received his PhD in chemistry from the Polytechnic Institute of Brooklyn in 1974 before joining Exxon, where he is currently Section Head for the Biological and Catalytic Chemistry Section at the company's research laboratories in Annandale, New Jersey. His research interests include low-temperature synthesis of materials for application in areas of catalysis, lubrication, energy storage, geological processes, biomaterials, and superconductivity; fundamental relations between properties of solids and their applications; and application of advanced characterization techniques in understanding properties of solids. He has long been active in issues of interdisciplinary research, technology transfer, and career optimization.

James B. Roberto First Vice President

Jim Roberto, who is just completing a term as MRS second vice president, is associate director of the Solid State Division at Oak Ridge National Laboratory. He joined the division in 1974 after receiving his PhD in applied physics from Cornell University. He has served at ORNL in various research and management capacities with responsibility for research groups in plasma-surface interactions, semiconductor physics, surface physics, x-ray diffraction, electron microscopy, and ion-solid interactions. He was guest scientist at Kernforschungsanlage, Jülich, West Germany in 1977 and at the Max-Planck-Institut für Plasmaphysik, Garching, West Germany in 1983.



James B. Roberto



G. Slade Cargill

**G. Slade Cargill
Second Vice President**

Slade Cargill received a PhD from Harvard University before serving on the faculty of the Division of Engineering and Applied Science at Yale University. Then he joined the research staff at the IBM T.J. Watson Research Center, where he is now senior manager, Structure of Materials, in the Physical Sciences Department. For one year, he was also an SRC Senior Visiting Fellow at the Cavendish Laboratory, Cambridge University, and an Overseas Fellow, Churchill College, Cambridge, England. Cargill has published technical papers in the fields of amorphous materials, magnetism, semiconductors, x-ray scattering, and electron microscopy.

**Carol M. Jantzen
Secretary**

Carol Jantzen has been a ceramist in the Glass Technology Group at the Savannah River Laboratory since 1982. Her research interests include formulation and processing of specialty glasses and ceramics to optimize physical property characteristics. Her current research interests include high temperature and sol-gel glass fabrication, glass dissolution, and glass decomposition mechanisms. Among other accomplishments, she developed the glass formulations and many of the process models to be used in the first full-scale U.S. demonstration of nuclear waste vitrification. Jantzen received her PhD in materials science at the State University of New York at Stony Brook. She was a visiting scientist at the small-angle neutron scattering facility at



Carol M. Jantzen



Susan M. Kelso

Kernforschungsanlage, Jülich, West Germany in 1975 and was a postdoctoral fellow in inorganic chemistry at the University of Aberdeen, Scotland from 1976 to 1979.

**Susan M. Kelso
Treasurer**

Sue Kelso, in her second two-year term as MRS Treasurer, received her PhD in 1979 from the University of California at Berkeley. In 1981 she joined the research staff at Xerox Palo Alto Research Center and earlier this year accepted an appointment at Therma-Wave, Inc. Her research interests include optical spectroscopy of electronic materials, including luminescence, synchrotron radiation reflectance spectroscopy, and spectroscopic ellipsometry.

**R.P.H. Chang
Immediate Past-President**

Bob Chang's tenure on the MRS Executive Committee, as second vice president



R.P.H. Chang

in 1987, first vice president in 1988 and president in 1989, has been marked by continued growth of the Fall and Spring Meetings and the expansion of cooperative ventures by materials societies internationally. In 1988, Chang was co-chair of the International Meeting on Advanced Materials in Japan, and was instrumental in bringing about the First International Conference on Electronic Materials (also in Japan)—a biennial conference to be held in the United States in 1990. At the 1989 MRS Fall Meeting, Chang hosted the inaugural ceremony of the International Materials Research Committee, attended by representatives of materials societies in Australia, China, Europe, India, Mexico, Japan, and the United States.

Chang received his PhD from Princeton University before joining the research division of AT&T Bell Laboratories in 1971, then in 1986 accepted an appointment as professor in the Department of Materials Science and Engineering at Northwestern University.

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