2008 MRS Secretary, Treasurer, and Governing Committee Chairs Announced

Bethanie J.H. Stadler

David S. Ginley

J. Charles Barbour

Susan P. Ermer

Bethanie J.H. Stadler of the University of Minnesota has been elected as Secretary for a two-year term for the Materials Research Society. During the 2007 Materials Research Society Fall Meeting, the MRS Board of Directors appointed director **David S. Ginley** (National Renewable Energy Laboratory) as MRS Treasurer to serve in 2008. Also at the meeting, 2008 President Cynthia A. Volkert announced the chairs of the governing committee: **Ginley** for Operational Oversight, **J. Charles Barbour** (Sandia National Laboratories) for Planning, and **Susan P. Ermer** (Lockheed Martin) for External Relations.

The Operational Oversight Committee is accountable for overseeing MRS's operational and financial performance, as well as the operations and effectiveness of the Society's operating committees, ensuring that volunteer involvement in the Society's programs is highly productive and satisfying. The Planning Committee is accountable for developing and leading the Board's participation in all MRS planning, including the annual budget preparation. The External Relations Committee is responsible for developing policy and strategy recommendations for establishing and maintaining effective relationships with the Society's various external constituencies.

Bethanie J.H. Stadler
Secretary

Bethanie J.H. Stadler is an associate professor at the University of Minnesota. Stadler received her PhD degree from the Massachusetts Institute of Technology (1994) in materials science and engineering. Prior to joining the University, she was a National Research Council postdoctoral fellow in the Air Force Rome Laboratory. She has received numerous awards including the NSF CAREER award. Stadler is currently working on magnetic nanowires for magnetoelectronics and sensor applications. For MRS, Stadler served on the Board of Directors where she served on all three governing subcommittees, including co-chair of the Operations and the Planning committees. She has also served as chair of the Academic Affairs committee, co-organized three symposia, and co-chaired the 2004 MRS Fall Meeting. She also founded and directed the Undergraduate Materials Research Initiative.

David S. Ginley
Treasurer;
Chair, Operational Oversight Committee

David S. Ginley is group manager of the Process Technology and Advanced Concepts group at the National Renewable Energy Laboratory in Golden, Colorado. His current work focuses on the development and basic science of very high-quality materials for solar energy conversion and storage and combination of these materials with new process technology for practical device development to produce both new basic understanding as well as practical technologies. Ginley received a PhD degree in inorganic chemistry from the Massachusetts Institute of Technology. He has published more than 320 papers, received 28 patents, and been honored with a Department of Energy Award for Sustained Research in Superconducting Materials, R&D 100 awards, and two FLC technology transfer awards. He is an adjunct professor of physics at Colorado University—Boulder, and of materials science at the Colorado School of Mines.

J. Charles Barbour
Chair, Planning Committee

J. Charles Barbour is deputy director of the Exploratory Engineering and Technology Maturation Center at Sandia National Laboratories in Albuquerque, New Mexico. Barbour received a BS degree in engineering physics from the Colorado School of Mines (1980) and a PhD degree in materials science and engineering from Cornell University (1986). His personal research covers many topics in materials science, including: nanomechanics, diffusion and defect physics, thermodynamics and kinetics of amorphous alloy phase formation, corrosion science, ion-beam modification of materials, ion-beam analysis, and microelectronics and photonics research. He is the author or co-author of more than 150 technical papers and holds several patents. Barbour has been an active volunteer and member of MRS since 1982.

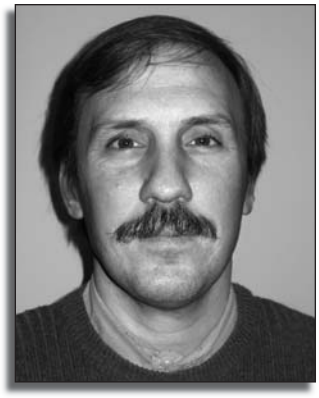
Susan P. Ermer
Chair, External Relations Committee

Susan P. Ermer is the senior manager in the Materials and Structures Technologies Department of Lockheed Martin Space Systems Company's Advanced Technology Center. Her research interests span the development and utilization of materials with unique electrical, optical, magnetic, and structural properties. She also has a strong interest in the development and professional growth of next generation scientific personnel and has been an involved participant in internship and mentoring programs. She is actively interested in developing programs in emerging technologies, such as nanomaterials, photovoltaics, and alternative methods of space propulsion. She received a PhD degree in organometallic chemistry from the University of Southern California in 1986. She first became a member of MRS in 1986 and has since served as symposium organizer in multiple years and proceedings editor in 1999 and 2001.

MRS Bulletin Volume Organizers Guide Technical Theme Topics for 2009

Amit Misra

Ryan O'Hayre



Ken Shull

Susanne Stemmer

The *MRS Bulletin* 2009 volume organizers, who will guide the development of theme topics for the 2009 volume year, are Amit Misra (Los Alamos National Laboratory), Ryan O'Hayre (Colorado School of Mines), Ken Shull (Northwestern University), and Susanne Stemmer (University of California, Santa Barbara). Requests for instructions on submitting proposals for *MRS Bulletin* theme topics can be e-mailed to bulletin@mrs.org.

Amit Misra is a technical staff member (TSM) at the Center for Integrated Nanotechnologies (CINT), Los Alamos National Laboratory (LANL). He received his BS degree in metallurgical engineering from the Institute of Technology at the Banaras Hindu University, India and his MS and PhD degrees in materials science and engineering from the University of Michigan, Ann Arbor. He joined LANL as a post-doctorate in November 1996 and was promoted to a TSM in August 1998. His research interests and skills include nanomechanical behavior of materials, radiation effects in nanostructured materials, dislocation theory, transmission electron microscopy, and physical vapor deposition. He has co-authored over 160 publications, including five book chapters, and a U.S. patent. He has served as guest co-editor for a 2004 *Scripta Materialia* viewpoint set on deformation and stability of nanoscale metallic multilayers, a 2004 special issue of *Metallurgical and Materials Transactions A*, and a 2008 *JOM* theme topic on nanomaterials. He has co-organized four nanomechanics-related symposia for the Materials Research Society and two symposia for The Minerals, Metals & Materials Society, and is the current elected chair of the TMS Nanomechanical Behavior Committee. He is an elected scientific member of the Bohmische Physical Society and has received the Los Alamos Achievement Awards in 1999, 2003, and 2006.

Ryan O'Hayre is an assistant professor in the Metallurgical and Materials Engineering Department at the Colorado School of Mines, where he received his BS degree in 1999; he received his PhD degree in materials science at Stanford University in 2004. O'Hayre first became involved with MRS as a graduate student at Stanford University, where he teamed with two other students to launch Stanford University's MRS student chapter. After receiving his PhD degree, O'Hayre spent several additional years at Stanford as an acting assistant professor in the Department of Mechanical Engineering. He developed and taught Stanford's class on fuel cell science and technology, and co-authored a textbook on the same subject (*Fuel Cell Fundamentals*, John Wiley and Sons, 2006). O'Hayre spent 2005 as an NSF international postdoctoral fellow at the Technical University of Delft, in the Netherlands, researching three-dimensional nanostructured inorganic solar cells. O'Hayre's research interests broadly cover materials and device aspects related to fuel cell and solar cell technologies, as well as electrochemistry, catalysis, and scanned probe microscopies. O'Hayre has authored or co-authored many papers in these fields and holds several patents related to fuel cell technology.

Ken Shull is professor of materials science and engineering at Northwestern University, where he is also currently serving as the associate department chair. His research interests involve the interfacial properties of amorphous polymers, with a particular emphasis on adhesion. He received BS and MS degrees in materials science from the Massachusetts Institute of Technology, followed by a PhD degree (1990) in materials science from Cornell University. He worked as a research staff member at the IBM Almaden Research Center for three years before joining Northwestern in 1993. He is a fellow of the American Physical Society and currently serves on the executive committee of the polymer division of the APS. He is also active in the American Chemical Society and the Adhesion Society.

Susanne Stemmer is an associate professor of materials at the University of California, Santa Barbara. She received her diploma in materials science from the Friedrich-Alexander University Erlangen-Nürnberg and did her doctoral work at the Max-Planck Institute for Metals Research in Stuttgart. She received her doctoral degree from the University of Stuttgart in 1995. Following a postdoctoral position at Case Western Reserve University, she received a Training and Mobility of Researchers grant from the European Commission for a postdoctoral fellowship at the Catholic University of Leuven. She held a visiting assistant professor position at the University of Illinois and an assistant professor position in materials science at Rice University from 1999 to 2002. In 2002, she joined the University of California, Santa Barbara. Her research interests are in advanced transmission electron microscopy techniques, novel dielectrics for complementary metal oxide semiconductor and microwave capacitors, oxide thin film growth, and correlations between microstructure and electronic, dielectric and transport properties of oxide thin films. She has authored or co-authored more than 80 publications. She received an NSF CAREER Award and the American Ceramic Society Edward C. Henry Award. She helped organize two MRS symposia and is associate editor of the *Journal of Electronic Materials*. MRS