

# 2013 MRS Member Benefits and Society Activities



# WELCOME to the Materials Research Society

MRS is a growing, vibrant, member-driven organization focused on broadening the impact of materials science and improving the quality of life. Our members are research professionals from industry, academia and government from around the world, and they choose MRS because it is important to their work and careers.

You may be familiar with many of the benefits of MRS—a print and electronic subscription to *MRS Bulletin*; subscription to the online journal, *MRS Communications*; access to over 100,000 papers in the *MRS Online Proceedings Library*; access to audio and video presentation materials via MRS OnDemand; access to the new news site *Materials360 Online*; inclusion in the MRS Online Member Directory; and discounted rates for MRS meetings and workshops, to name just a few.

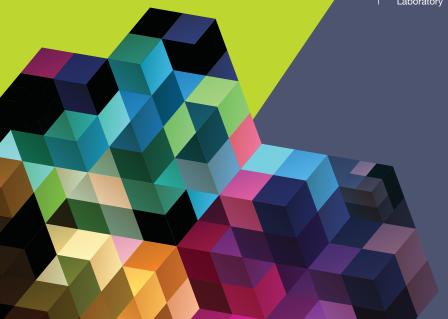
What you might not know is that MRS is expanding its professional development portfolio to better meet your career needs and better serve the materials research community.

These efforts include:

- advocating for increased and sustained funding for the physical sciences
- fostering outreach and science education for policy leaders and the general public
- promoting diversity and inclusion in the scientific workforce
- introducing prestigious new awards
- and collaborating with international partners on bilateral projects.

By joining MRS, you add your voice to those of almost 16,000 others who support these efforts and believe in the MRS mission of advancing interdisciplinary materials research to improve the quality of life.

# www.mrs.org



#### 2013 Officers



President Orlando Auciello University of Texas at Dallas



Immediate Past President Bruce M. Clemens Stanford University



Vice-President/ President Elect **Tia Benson Tolle** The Boeing Company



Secretary Sean J. Hearne Sandia National Laboratories



Treasurer Michael R. Fitzsimmons Los Alamos National Laboratory

## **2013 Board of Directors**

Ana Claudia Arias University of California, Berkeley

Shenda M. Baker Synedgen, Inc.

David Cahen\* Weizmann Institute of Science

Duane B. Dimos Sandia National Laboratories

Stephen Eglash\*\* Stanford University

Chang-Beom Eom University of Wisconsin-Madison

Susan Ermer\*\* Lockheed Martin Space Systems Company

Eric Garfunkel Rutgers University Sossina M. Haile\*

California Institute of Technology Andrea M. Hodge\*

University of Southern California Oliver Kraft Karlsruhe Institute of Technology

Hideki Matsumura Japan Advanced Institute of Science and Technology (JAIST)

Fiona C. Meldrum\* University of Leeds

Susan E. Trolier-McKinstry Pennsylvania State University

Eric A. Stach\* Brookhaven National Laboratory

Stephen K. Streiffer Argonne National Laboratory

**Todd M. Osman** Executive Director Materials Research Society

\*Newly elected / \*\*Newly appointed



your knowledge

The full suite of MRS publications—*MRS Communications, MRS Bulletin, Journal of Materials Research* and the *MRS Online Proceedings Library* is now hosted on Cambridge Journals Online (CJO). For both authors and readers that means expanded benefits...advanced search capabilities, reference linking, mobile browser accessibility and more!



*MRS Communications* is a full-color, high-impact journal focused on groundbreaking work across the broad spectrum of materials research.

As an MRS member, you'll receive **FREE access to** *MRS Communications* on Cambridge Journals Online (CJO). Complimentary access is also available in dynamic pageturning format and mobile applications downloadable from iTunes and the Android Market.

*MRS Communications* offers a rapid but rigorous peerreview process and time-to-publication with an aggressive production schedule that will bring your article to online publication within a target of 14 days from acceptance.

Leveraging its access to the far-reaching technical expertise of MRS members and leading materials researchers from around the world, the journal boasts an experienced and highly-respected Advisory Board, board of Principal Editors and reviewers.

Major article types for *MRS Communications* include research letters and prospectives articles.

#### www.mrs.org/mrc



As an MRS member, you may subscribe to *Journal of Materials Research (JMR)*, one of the foremost archival materials research journals in the world, at a very low member rate. All subscription options include full-text articles from the *Journal's* inception in January 1986 to the current issue.

#### Look for these JMR benefits and services:

- 24 issues per year
- immediate online publication
- no author page charges/free online color
- advanced search capability
- mobile browser accessibility
- reference linking via CrossRef, Google Scholar and OpenURL
- html or pdf format options for all new JMR content

In addition, five special focus issues will be featured in 2013: Silicon Carbide—Materials, Processing and Devices in January; Titanium Dioxide Nanomaterials in February; De Novo Carbon Nanomaterials in April; Frontiers in Thin-Film Epitaxy and Nanostructured Materials in July; and Advances in the Synthesis, Characterization and Properties of Bulk Porous Materials in September.

#### ibility

As an MRS member, you can count on your **FREE monthly** 

**MRSBulletin** 

subscription to *MRS Bulletin* (in print, electronic and dynamic page-turning formats) for the best news and research overviews available today. The technical articles in the *Bulletin* are among the most highly cited in the field of materials research, consistently ranking in the top 10% of materials science journals.

Theme topics for 2013 will include:

- Organic single crystals: Addressing the fundamentals of organic electronics
- Nitrogen-vacancy centers: Physics and applications
- Ziegler-Natta catalysis: 50 years after the Nobel Prize
- Paper-based technology
- Interfacial materials with special wettability
- Metal hydrides for clean energy applications
- Ionic liquids for energy/electrochemical applications
  Solid-state surface-enhanced Raman spectroscopy (SERS): Substrates and materials
- Quantum dot light-emitting diodes
- Materials design for quantum computing
- Magnetic nanoparticles
- Functional oxide interfaces

Don't miss Energy Quarterly (EQ)! Bound within *MRS Bulletin* four times a year, EQ offers interviews and analysis of materials solutions to the world's accelerating need for secure, affordable and environmentally sustainable energy.

#### www.mrs.org/bulletin

# MRSonline PROCEEDINGS LIBRARY

The *MRS Online Proceedings Library (OPL)*, **FREE to all MRS members**, offers unlimited full-text availability to over 100,000 papers from the well-recognized MRS Symposium Proceedings Series—proceedings published from Volume 1 to the present, with more added daily. The collection also includes many proceedings papers that were never published in print format and are available only online.

This massive database is an ideal reference for graduate students, corporate scientists and engineers, and overseas researchers needing access to current information without the lag time of printing and mail delivery.

For our more archivally-minded members, print volumes of the MRS proceedings are available at 15-20% off list price.

www.mrs.org/opl

www.mrs.org/jmr









# EXPAND your knowledge



# Fundamentals of Materials for Energy and Environmental Sustainability

Leading experts from around the world provide comprehensive coverage of each topic, bringing together diverse subject matter by integrating theory with engaging insights. Each chapter includes helpful features to aid understanding, including a historical overview, suggested further reading and questions for discussion. Every subject is illustrated with full-color images and color-coded sections for easy browsing, **making this textbook a complete educational package.** 

#### Sections Include:

- Energy and the Environment—The Global Landscape
- Nonrenewable Energy Sources
- Renewable Energy Sources
- Transportation
- Energy Efficiency
- Energy Storage, High-Penetration Renewables and Grid Stabilization

#### www.mrs.org/energybook

# Handbook of Modern Ion Beam Materials Analysis, 2<sup>nd</sup> Edition

The most comprehensive database on ion beam analysis ever published—revised and updated from the popular handbook published in 1995—the Handbook of Modern Ion Beam Materials Analysis, 2<sup>nd</sup> Edition is a compilation of updated techniques and data for use in the ion beam analysis of materials. The information presented is unavailable collectively from any other source and places a strong emphasis on practical examples of the analysis techniques as they are applied to common problems.

#### www.mrs.org/ibh2

# NEW

# materials 36% online

your premier source for materials science news

Home News About Publications

Materials360 Online is your premier source for materials science news and information, brought to you by the Materials Research Society and Cambridge University Press. Created to collect all the most important materials science news in one place, this website saves time and needless searching. Through rigorous reporting, detailed fact checking, and clear writing, our volunteers, freelancers, staff writers, and editors bring original news articles with the unique perspective of an organization devoted to the advancement of materials science. Here you will gain insight into the latest research in your field that is not available elsewhere on the web.

In addition, the site also brings you news stories aggregated from many other major scientific publications and websites, so you won't have to search anywhere else for your materials news. Videos and podcasts from our MRS Spring and Fall Meetings, and from other independent sources, round out our coverage of materials science news. But that's not all. *Materials360 Online* also connects you to all Materials Research Society publications on Cambridge Journals Online. We keep you up to date on the highlighted, most recent, and most-viewed articles from *MRS Communications, Journal of Materials Research (JMR), MRS Bulletin, and the MRS Online Proceedings Library (OPL).* 

Our Hot Topics "cloud" gives you an easy way to search on keywords of current importance; traditional searches can also be done using our "Search" function. Our continuous Twitter feed (@Materials\_MRS) gives you the latest information from us and our Twitter followers. We welcome your contributions to this ongoing stream of news, thoughts, and opinions. The search stops here! Visit regularly and don't miss a single day's worth of valuable news and information.

#### www.materials360online.com

# MRS () nDemand

MRS OnDemand is the always-on, online community for the Materials Research Society. It delivers a large sampling of the rich materials science content from the MRS Spring and Fall Meetings and other relevant resources through an interactive experience, complete with video, audio and presentation materials. It's Your MRS, Your Way!

With MRS OnDemand you can:

- Access sessions you missed from MRS Meetings
- Review presentation content from sessions you attended
- Gain insights from interviews with experts
- Comment and connect with your peers across the materials sciences
- Follow materials science research topics in your specific area of interest



MRS OnDemand also hosts MRS TV—an exciting new television channel dedicated to news and views from MRS Meetings. Each episode features a mix of well-established, popular topics and leading-edge research, reports from the exhibit hall, talks with experts in the field and interviews with Meeting attendees.

www.mrs.org/on-demand



# **MRS Publishing**

NEW

# Do you have an idea for a new book or journal on a materials-related topic?

Is there a materials topic that is underrepresented, or shows exceptional potential for growth within the MRS publications portfolio? If so, then submit a proposal to the Materials Research Society, where we don't just serve the materials community ... we ARE the materials community.

www.mrs.org/mrs-publishing

# **MyMRS**

This feature of the MRS website allows you to personalize the information you receive from us—identify your particular areas of interest, register for online newsletters and e-mail alerts (see below), change your password or e-mail address, and more.

# E-mail Newsletters & Alerts

MRS members are invited to sign up for FREE member e-mail alerts aimed at providing new materials information quickly.

**Materials360**<sup>®</sup> delivers bimonthly "snapshots" of what's new in the materials research community—the latest research worldwide, professional opportunities, important links and more.

**MRS Table-of-Contents Alert** delivers advance table-of-contents listings for *MRS Bulletin* and *JMR*.

**Meeting Scene** delivers daily summaries of technical presentations and events by on-the-spot reporters at MRS Spring and Fall Meetings and other special non-MRS conferences.

**MRS Public Affairs Alert** provides occasional calls-to-action and/ or summaries of current public-policy issues affecting the materials science and engineering communities.

**INTERSECTIONS—Materials Research & Science Policy** offers a quarterly source of information about the intersection of materials research and government including updates on what's happening in Washington, DC and within the government affairs activities of MRS.

www.mrs.org/mymrs

# CONNECT

# with great minds

# **MRS Meetings and Workshops**

The Materials Research Society has always been the "great meetings Society." In 2013, more than 13,000 members from around the world will attend MRS Meetings and Workshops, expanding their professional network of contacts through the exchange of new ideas and information. As an MRS member, you'll enjoy reduced registration fees for these events.



# 2013 MRS Spring Meeting & Exhibit

Moscone West | San Francisco Marriott Marquis | Westin San Francisco Market Street April 1–5, 2013 · San Francisco, CA, USA

Symposium Clusters:

- Energy
- Nanomaterials
- Electronics/Photonics
- Biomaterials
- General Materials Science

www.mrs.org/spring2013



# XXII International Materials Research Congress (IMRC) 2013

Co-organized by the Sociedad Mexicana de Materiales and the Materials Research Society

JW Marriott Cancun Resort & Spa | CasaMagna Marriott Cancun Resort August 11–16, 2013 · Cancun, Mexico

Symposium Topics Include:

- Nanoscience and Technology
- Materials Characterization
- Materials for Energy Production
- Biomaterials
- Polymers
- Electronics and Photonics

www.mrs.org/imrc2013



# 2013 MRS Fall Meeting & Exhibit

Hynes Convention Center | Sheraton Boston Hotel December 1–6, 2013 · Boston, MA, USA

Symposium Topics Include:

- Physics of Organic and Hybrid Solar Cells
- Transport Properties in Nanocomposites
- Oxide Semiconductors
- Synthetic Tools for Understanding Biological Phenomena
- Dislocation Plasticity
- Advances in Materials Science and Engineering Education and Outreach

### www.mrs.org/fall2013

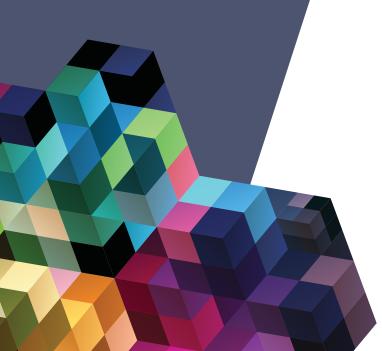


# **MRS on Social Media**

The materials landscape is constantly changing. With new research, awards, publications and conferences announced daily, it's never been more vital to stay upto-date. MRS makes it easy. Connect with fellow materials scientists from around the globe, talk with exhibitors that interest you and share thoughts with MRS staff through our powerful social media channels. Plus, you'll receive exclusive MRS content before anyone else.

Visit **www.mrs.org/socialmedia** today to view all of our social media channels: Facebook, LinkedIn and Twitter.

www.mrs.org/socialmedia





Plans are also underway for the following events that are organized, coordinated and/or co-sponsored by the Materials Research Society.

www.mrs.org/other-meetings



# 55th Electronic Materials Conference

University of Notre Dame South Bend, Indiana June 26-28, 2013



# International Symposium on Integrated Functionalities

Dallas, Texas July 28-31, 2013



Gaylord National Hotel and Convention Center Washington, DC August 25-30, 2013



# The 74th Japan Society of Applied Physics (JSAP) Autumn Meeting

Kyotanabe Campus, Doshisha University Kyoto, Japan September 16-20, 2013



# **Photovoltaic Materials** and Manufacturing Issues III

Denver, Colorado Fall 2013

# **Member Directory**

The MRS Online Member Directory is a professional networking service available exclusively to our members. Updated regularly, it is a quick and easy way for you to search for colleagues by name, institution or geographical location.

For 2013, MRS has added individualizing features to the Member Directory. By adding pictures, a short bio and links to your social media profiles, your connections to MRS members will be a personalized experience. Log on today to make sure your account is up to date!

### www.mrs.org/member-directory

# **Career Central**

Opportunities for you to expand your career or your company include the MRS Spring and Fall Meeting career centers, the most efficient forums available for pursuing employment or filling materials research positions. In addition, MRS Bulletin advertises a wide range of materials-related professional openings in industry, academia, government and research worldwide. Listings are also posted on the MRS website each month for convenient online access.

#### www.mrs.org/career-connections

# **University Chapters**

University Chapters are a vital part of MRS, facilitating discussion between students and faculty and promoting student interest in materials science. As a student member, University Chapters give you the platform to network among 72 active Chapters from around the world, compare notes on recent activities and brainstorm with other students on new projects and issues of common concern. Last year, MRS expanded its University Chapters program internationally, allowing student members to connect with different regions globally, maximizing positive impact for materials research worldwide.

www.mrs.org/university-chapters

# **International Collaborations**

MRS works closely with other materials organizations around the world and is an Adhering Body of IUMRS (International Union of Materials Research Societies). This collaboration facilitates international cooperation among materials research organizations and helps to advance the multidisciplinary nature of the materials research community. Link directly to IUMRS at www.iumrs.org for general information, a list of officers, publications, and upcoming meeting information.

www.iumrs.org

# GAIN

# recognition

# **MRS** Awards

The MRS Awards Program acknowledges outstanding contributions to the progress of materials research, honoring those whose work has already impacted the field, as well as those whose work shows great promise for future leadership. **www.mrs.org/awards** 

The MRS Fellow honors members who are notable for their sustained and distinguished contributions to the advancement of materials research worldwide. This designation is highly selective. The maximum number of Fellows that may be appointed in each year is limited to 0.2% of the current total MRS membership. Nominations are due October 1 of each year.

The **Von Hippel Award** is the Materials Research Society's highest honor and recognizes those qualities most prized by materials scientists and engineers—brilliance and originality of intellect, combined with vision that transcends the boundaries of conventional scientific disciplines. Nominations are due April 1 of each year.

The **David Turnbull Lectureship** recognizes the career of a scientist who has made outstanding contributions to understanding materials phenomena and properties through research, writing, and lecturing, as exemplified by the life work of David Turnbull. Nominations are due April 1 of each year.

The **MRS Medal** recognizes an exceptional recent achievement in materials research which is expected to have a major impact on the progress of any materials-related field. Nominations are due April 1 of each year.

The **Innovation in Materials Characterization Award** honors an outstanding advance in materials characterization that notably increases our knowledge of the structure, composition, *in situ* behavior under outside stimulus, electronic, mechanical, or chemical behavior, or other characterization feature, of materials. Nominations are due October 1 of each year.

The **Mid-Career Researcher Award** recognizes exceptional achievement in materials research made by mid-career professionals. This annual award is intended to honor an individual who is between the ages of 40 and 52 at the time of nomination and has demonstrated notable leadership in the materials field. Nominations are due October 1 of each year.

The **Materials Theory Award** recognizes exceptional advances made by materials theory to the fundamental understanding of the structure and behavior of materials. This award is intended to honor both those who have pioneered the development of a new theoretical approach and those who have used existing approaches to provide significant new insight into materials behavior. Nominations are due April 1 of each year.

The **MRS Outstanding Young Investigator Award** recognizes outstanding, interdisciplinary scientific work in materials research by a young scientist or engineer. The award recipient must also show exceptional promise as a developing leader in the materials area. Nominations are due October 1 of each year.

MRS Graduate Student Awards honor and encourage graduate students whose academic achievements and current materials research display a high order of excellence and distinction. Finalists compete for Gold and Silver Awards at the MRS Spring and Fall Meetings. Applications are due approximately five months preceding each MRS Meeting.



The **Arthur Nowick Graduate Student Award**, a newly endowed award which honors the late Arthur Nowick and his lifelong commitment to teaching and mentoring students in materials science, recognizes a Graduate Student Award finalist who shows particular promise as a future teacher and mentor. This award will be presented at each Fall Meeting.



# MRS Congressional Science and Engineering Fellowships

Decisions made by Congress, regulatory agencies and local government have profound effects on the way in which science is conducted. By keeping decision-makers well informed on the current affairs of the scientific community, MRS Congressional Science and Engineering Fellows ensure the right choices are being made. **Now's your time to make a difference!** 

The Materials Research Society offers materials scientists two exciting opportunities to participate in, and contribute to, the federal policymaking process, while learning firsthand about the intersection of science and policy.

During your year as a Fellow you will:

- be placed in a specific congressional office to serve as an advisor on science-related issues
- contribute widely to the effective use of materials science knowledge in government
- broaden awareness about the value of scientist- and engineer-government interaction among society members and within government
- network with more than 250 other participants of science and technology fellowship programs
- have significant freedom to follow specific topics and issues that interest you.

Information and application deadlines may be found online.

#### www.mrs.org/congressional-fellows

# **Publishing Opportunities**

Publishing venues for MRS members include *MRS Communications, MRS Bulletin* and *Journal of Materials Research.* To propose a theme topic for *MRS Bulletin,* or for information on guest-editor opportunities, contact the *Bulletin* editor at rao@mrs.org. Authors wishing to submit to *JMR* should visit www.mrs.org/jmr for complete author instructions.

For information about submitting to our newest journal, *MRS Communications*, visit www.mrs.org/mrc. To propose new books or other publications, contact the Principal Development Editor at fleisher@mrs.org.

In addition, the *MRS Online Proceedings Library (OPL)* offers opportunities to publish papers presented at MRS Meetings and other scientific and technical meetings.



The full suite of MRS publishing options are now hosted on the powerful Cambridge Journals Online (CJO) platform. For authors and readers that means expanded benefits that include:

- advanced search capability
- mobile browser accessibility
- notification of First View articles as they publish,
- available via RSS or email
- citation export to desktop, or forward to a colleage, in formats such as EndNote, Reference Manager, ASCII Plain Text, Biblioscape, BioTex, HTMS, Papyrus, and others
- reference linking via CrossRef, Google Scholar and OpenURL
- html or pdf format options for all new content
- quick links to Most Read and Most Cited Articles
- and so much more!

#### www.mrs.org/publications

# BECOME a vital part

# FOUNDATION

To enhance and expand support for projects that are important, timely and meaningful to the materials community, **MRS is proud to announce** the Materials Research Society Foundation.

Unique in several ways, the Foundation:

- advances the MRS mission to "promote communication for the advancement of interdisciplinary materials research to improve the quality of life"
- focuses on member engagement and funding to enrich, expand and ensure MRS core programs in education, outreach and peer recognition
- leverages corporate partner, institutional and individual support to invest in projects of importance to the materials community, as defined by the materials community
- benefits a wide range of innovative grassroots, member-driven initiatives—from student chapter proposals, to local or regional education/outreach projects, to those with the potential to impact the materials enterprise worldwide.

To learn how you can help make a difference or to apply for project funding, we invite you to explore the Foundation website.

#### www.mrs.org/foundation

# diversity

MRS recognizes that scientific and engineering communities must strive to become more inclusive, engaging all demographic groups, and that diversity drives innovation, excellence and new discoveries. The **MRS Diversity Statement**, which was adopted in June 2009, is available online.

#### www.mrs.org/diversity

# **Society Member Volunteers**

The tremendous growth and success of our Society is the result of member input and the energetic efforts of many MRS member volunteers. **The MRS committees and task forces offer members an invaluable opportunity to participate in, and influence profoundly, the operation of the Society.** A restructuring of our governance has now made such volunteer activities even more effective than they have been in the past. If you have an interest in working on any aspect of MRS activity, contact volunteer@mrs.org.

#### www.mrs.org/get-involved



Strange Matter is a traveling interactive exhibition where users enter the fascinating, practical, occasionally bizarre and often beautiful world of materials science through over a dozen handson experiences. Targeting 5th-8th grade students and families, two versions of the exhibition will tour these major science centers throughout North America in 2013:

- London Regional Children's Museum London, Ontario, Canada | September 2012 - January 2013
- Discovery Place
  Charlotte, North Carolina | January May 2013
- Echo Lake Aquarium & Science Center Burlington, Vermont | February - May 2013

MRS members will have opportunities to contribute and/or volunteer their services in each of the museum's local communities. For more information, contact Richard Souza at souza@mrs.org. An interactive website (www.strangematterexhibit.com) and a teacher curriculum/activity guide also accompany the exhibit.

The exhibition and its tour are made possible by the National Science Foundation, Dow, Ford Motor Company Fund, Intel Innovation in Education, Rio Tinto Alcan and the 3M Foundation.

www.mrs.org/strangematter

# Women in Materials Science and Engineering

MRS members are encouraged to join the Women in Materials Science & Engineering (WMS&E) interest group—an online forum for dialog among women working in, or pursuing education towards, a profession in materials science or engineering. The goal is to share ideas and strategies that may be useful in professional life and to generate ideas for promoting awareness of women's issues to the broad professional community. Subscribe at www.mrs.org/mymrs. Additionally, WMS&E is also the subject of special breakfasts and professional development workshops at both the MRS Spring and Fall Meetings.

#### www.mrs.org/mymrs

# **Science Enthusiasts**

The redesigned Science Enthusiasts web pages invite MRS membership, outreach volunteers and the general public to interact with the stimulating world of Materials Science by becoming Materials Science Enthusiasts and **Do Something, Learn Something, Watch Something** and **Get Involved**. The website contains an ever growing collection of resources for the curious learner at any age, as well as for those actively involved in public outreach.

#### www.mrs.org/science-enthusiasts



# **Public Advocacy**

MRS strives to contribute to the development of science and technology policy by responding to, and initiating, opportunities to interact nationally and internationally with government officials as well as public and private organizations. Led by the Government Affairs Committee (GAC), these efforts have been far-reaching, consistent and unbiased, building trust and respect with Washington, DC, both on Capitol Hill and within government agencies. Ultimately, however, the key constituency is you—the MRS member—and GAC is working hard to make your voice heard!

For 2013, MRS will continue to build on its accomplishments strengthening relationships and building new ones through Congressional visits, establishing itself as a scientific resource for policymakers, extending its relationships with leadership in federal agencies, and collaborating in the U.S. and abroad with sister societies and other advocacy organizations when a larger voice for science is required.

To keep abreast of MRS advocacy efforts, register for INTERSECTIONS—Materials Research & Science Policy, a quarterly electronic newsletter dedicated to strengthening the link between GAC and the MRS members. Log on to www.mrs.org/mymrs to sign up.

www.mrs.org/advocacy



MRS plays a leading role in the Nanoscale Informal Science Education Network (NISE Network)—a program created to engage the public in advances in nanoscale research, to capture the imagination of young people who may subsequently choose careers in nanoscale science and engineering, and to foster new partnerships among research institutions and informal science centers. The NISE Network has selected March 30-April 7 for NanoDays 2013, a national week of community-based educational outreach events to raise public awareness of nanoscale science and engineering and its potential impact on the future. Visit www.nisenet.org to learn more about the NISE Network and NanoDays 2013.

#### www.mrs.org/NISE

# 2013 MRS Membership Application

#### MATERIALS RESEARCH SOCIETY MRS Advancing materials. Improving the quality of life

## **MRS Membership Rates**

□ I am a new member

□ Please renew my membership

Rates are for 12 months and include complimentary subscription to MRS Bulletin, MRS Communications, and access to the MRS Online Proceedings Library.

Begin Membership:	□ January 1, 2013	🗆 Ju	ıly 1, 2013
Regular Membership	\$1	15.00	\$
Student Membership	\$	30.00	\$
Retired/Unemployed	\$	30.00	\$

#### Add a subscription to Journal of Materials Research.

Subscription will begin on membership date.

All subscription options to JMR include online access to full-text articles from January 1986 to the current issuel

Subtotal		\$
Member Subscription – print and online North America Rest of World	\$248.00 \$303.00	\$ \$
Member Subscription – online only	\$100.00	\$
to full-text afficies from bandary 1960 to the current issue:		

#### Materials Research Society Foundation (optional)

Donations to the Materials Research Society Foundation support the MRS mission, encouraging scientific study and innovation and allow MRS to enhance and extend its awards, honors, education and outreach programs, as well as fund new member-driven grassroots projects.

#### I am pleased to support the Materials Research Society Foundation.

□ \$10	□ \$25	□ \$50	Other

I would like my donation to be anonymous

#### **Contribution Options:**

- Education and Outreach Programs
- □ Grassroot, Member-Proposed Projects
- University Chapter Special Projects
- Graduate Student Awards
- Unless specifically designated above, your contribution
- will be used for MRS Education and Outreach Programs.

The Materials Research Society Foundation operates as a program of The Materials Research Society. The official registration and financial information of the Materials Research Society Foundation may be obtained from the Pennsylvania Department of State by calling toll free, within Pennsylvania, 1.800.732.0999. Registration does not imply endorsement.

#### **Payment Information**

#### **>>>** ENTER PAYMENT TOTAL HERE: \$

□ Check/money order enclosed – payable to Materials Research Society

Bill my credit card:

□ MasterCard □ VISA American Express

Card No.

#### Signature

Exp. Date

Mail or Fax	Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086 USA Tel 724.779.3003, Fax 724.779.4732
Join/Renew Online	www.mrs.org/join

Allow 6-8 weeks for delivery of any subscription back issues Dues allocated to MRS Bulletin Subscription: \$29 Regular, \$17 Student

## Billing & Shipping Address

Name: First	Middle	Last
Membership ID# (if re	newing)	
Institution		Dept./Mail Stop
P.O. Box		Street
Postal Code		City
State/Province	Zip	Country
Tel: Country Area/City Local Number Number		Fax: CountryArea/City Local

#### E-mail address

Note: The address above will also be used in future MRS Member Directories unless you request an alternate address for the Directory.

#### **Student Applicants**

I am currently enrolled as a full-time student, or I am working full-time on a thesis or dissertation.

Signature

Date

#### Member Demographics (optional)

- **Current Employment Status**
- □ Employed
- □ Student
- Retired
- □ Unemployed

#### Highest Level of Education

- Doctorate degree/equivalent
- Master's degree /equivalent
- □ Bachelor degree/equivalent
- □ High school graduate/equivalent
- □ Other

Year of Highest University **Degree Eerned** 

## STUDENTS ONLY

- **Current Student Status**
- Doctoral Student
- STUDENTS ONLY Graduate Student Undergraduate Student

  - Academic Affiliation

Expected Graduation Date

#### Institution Type

- Please check all that apply
- □ Academic □ Industry
- □ Government/Military
- □ Non-Profit/Professional
- Association

Other

Scientist/Engineer Department Chair

**Title/Job Function** 

□ Executive/Management

Sales/Marketing

Professor

- Press
- Student
- Retired
- Other

## Gender

□ Male □ Female

## **Race/Ethnic Origin**

- □ Asian
- Black or African Descent
- Hispanic  $\square$
- Native American or Alaskan
- Native Hawaiian or Pacific
- Islander
- White (Caucasian)
- $\square$ Other

## International Members Only

Do you belong to a group (ethnic, gender, or other) that is considered underrepresented in the fields of Materials Science and Engineering (including Physics, Chemistry, Engineering) in your country?

🗆 Yes 🗆 No

If yes, please specify your underrepresented group

□ I am interested in volunteer opportunities with MRS

# **JOIN OR RENEW TODAY!**