



MRS seeks award nominations

Deadline: August 1, 2016

Graduate Student Awards

www.mrs.org/gsa

MRS Graduate Student Awards are intended to honor and encourage graduate students whose academic achievements and current materials research display a high level of excellence and distinction. MRS seeks to recognize students of exceptional ability who show promise for significant future achievement in materials research.

Gold and Silver Awards are presented at the Award Session during the week of the MRS Meeting and announced in *MRS Bulletin*. The prizes consist of \$400 and a presentation plaque for the Gold Awards, and \$200 and a certificate for the Silver Awards.

Arthur Nowick Graduate Student Award

The Arthur Nowick Graduate Student Award, which honors the late Dr. Arthur Nowick and his lifelong commitment to teaching and mentoring students in materials science, will be presented to a GSA finalist who shows particular promise as a future teacher and mentor. This prize consists of \$500 and a presentation plaque. This award will be presented at each MRS Spring and Fall Meeting.

MRS Postdoctoral Awards

www.mrs.org/postdoctoral

MRS acknowledges the Jiang Family Foundation and MTI Corporation for their generous contribution to support this award.

The MRS Postdoctoral Awards recognize postdoctoral scholars who are showing exceptional promise that may include excellence in scientific research, leadership, advocacy, outreach, or teaching during their postdoc assignment.

Each award consists of a \$2,000 honorarium, citation certificate, meeting registration fee to attend the MRS Spring or Fall Meeting at which the award is presented, and a one-year MRS membership.

Innovation in Materials Characterization Award

www.mrs.org/imca

The Innovation in Materials Characterization Award is endowed by Dr. Toh-Ming Lu and Dr. Gwo-Ching Wang.

The Innovation in Materials Characterization Award honors an outstanding advance in materials characterization that notably increases the knowledge of the structure, composition, *in situ* behavior under outside stimulus, electronic, mechanical, or chemical behavior, or other characterization feature, of materials. It is not limited to the method of characterization or the class of material observed. Impact of the advance on materials research will be the primary consideration. Nominations for this award may be made for scientists and engineers in all areas of materials research.

The annual award consists of a \$5,000 cash prize, a presentation trophy, and a certificate. The award is presented annually at the MRS Spring Meeting. Meeting registration fee, transportation, and hotel expenses to attend the meeting at which the award is presented will be reimbursed.

Mid-Career Researcher Award

www.mrs.org/mra

The Mid-Career Researcher Award is made possible through an endowment established by Aldrich Materials Science.

The Mid-Career Researcher Award recognizes exceptional achievements in materials research made by mid-career professionals. It is intended to honor an individual who is between the ages of 40 and 52 at the time of nomination. Exceptions may be made for an interruption in career progression due to family or military service. The award recipient must also demonstrate notable leadership in the materials area.

The annual award consists of a \$5,000 cash prize, a presentation trophy,

and a certificate. Meeting registration fee, transportation, and hotel expenses to attend the MRS Spring Meeting at which the award is presented will be reimbursed.

MRS Fellows

www.mrs.org/mrsfellows

MRS seeks to recognize as MRS Fellows outstanding members whose sustained and distinguished contributions to the advancement of materials research are internationally recognized. It is intended that by representing excellence in science and engineering and dedication to the advancement of materials research, the MRS Fellows will exemplify the highest ideals of accomplishment and service embodied in the MRS Mission.

Fellowship selection is managed by the MRS Fellow Subcommittee of the MRS Awards Committee. This subcommittee is responsible for evaluating nominations annually and recommending successful nominees to the MRS Board for final approval. The appointments of newly selected fellows will be announced during January or February of each year, and new fellows will be honored during the MRS Spring Meeting.

Outstanding Young Investigator Award

www.mrs.org/oji

The OJI Awards recognize outstanding interdisciplinary scientific work in materials research by scientists or engineers under the age of 36 (as of January 1, 2016). The award recipients must show exceptional promise as developing leaders in the materials area.

Each award consists of a \$5,000 prize, a presentation trophy, and a citation certificate. Reasonable travel expenses to attend the MRS Meeting at which the award is presented and the meeting registration fee will be reimbursed.



MRS Impact Award

www.mrs.org/mrs-impact-award

The MRS Impact Award honors outstanding individuals who have displayed excellence in areas of science communication, education, advancing diversity, mentoring, or community engagement, which reflect the Society's pursuit to advance materials science and technology to improve the quality of life.

Each prize consists of a \$5,000 cash prize, an award trophy, a citation certificate, meeting registration fee to attend the MRS Spring Meeting, and a one-year MRS membership. Additionally, reasonable travel and hotel expenses to attend the MRS Meeting will be reimbursed. (When a team is recognized,

the cash prize will be split equally, but each individual shall receive a trophy and certificate.)

MRS Woody White Service Award

www.mrs.org/woody-white-nomination

The MRS Woody White Service Award honors outstanding individuals who have embodied MRS' Mission, Vision and Values for an egalitarian interdisciplinary community advancing materials science and technology to improve the quality of life. It may be given in recognition of long-term, impactful service to the Society, as well as for special projects/programs that have significantly impacted the Society.

Nomination is open to individuals whose accomplishments fit within the scope of the award and must be a MRS member(s).

Any member of the MRS community, including members, volunteers, and staff, may nominate an individual or team of individuals for this award. The award consists of a certificate and a lifetime MRS membership, as well as a meeting registration waiver, and a travel stipend to attend the MRS Fall Meeting.

The deadline for submission of all award nominations is August 1, 2016. Visit www.mrs.org/awards for more information.

Preview: XXV International Materials Research Congress 2016

August 14–19, 2016 • Cancún, Mexico
www.mrs.org/imrc-2016

The Materials Research Society (MRS) and the Sociedad Mexicana de Materiales (SMM) are excited to be working together on this global effort by growing the International Materials Research Congress (IMRC) held annually in Cancún, Mexico. The XXV IMRC will be held August 14–19, 2016. The Meeting Chairs are **Jeff A. Eastman**, Argonne National Laboratory (USA); **Martin Heilmaier**, Karlsruher Institut für Technologie, Institut für Angewandte Materialien (Germany); **Olivia A. Graeve**, University of California, San Diego (USA); and **Manuel Ramos**, Universidad Autónoma de Ciudad Juárez (Mexico).

The Congress will feature 39 symposia covering nanoscience and nanotechnologies, materials for energy applications, soft matter and biomaterials, structural materials, materials characterization, and general materials science. There will also be several tutorials ranging in topics from Fundamentals of Carbon-Based Electrochemical Capacitors, to Thin-Film Photovoltaics: Materials and

Devices, to Texture Analysis; and Electron Backscatter Diffraction.

Hiroshi Amano, Nagoya University, Japan, will present the XXV IMRC Anniversary Lecture on “Blue LEDs and Future Electronics for Establishing Sustainable Society.” Amano has more than 500 publications and 30 patents. He shared the Nobel Prize in Physics in 2014 with Isamu Akasaki and Shuji Nakamura.

Sergio Alcocer, president of the Mexican Academy of Engineering, Mexico, will present the Science, Technology, and Society Lecture: “The Importance of Materials Science and Engineering to Mexico's Competitiveness.” The Academy has identified nine Grand Challenges for Mexican Engineering: competitiveness and innovation; education and research in engineering; energy and sustainability; food and rural development; health care; infrastructure, transportation, and cities; manufacturing and services; natural resources and climate change; and prospective and planning.

Plenary speakers at this year's event are Mark C. Hersam, Northwestern University, USA, “Mixed Dimensional Nanoelectronic Heterostructures”; Enrique J. Lavernia, University of California, Irvine, USA, “Nanostructured Metals and Composites: From the Nanoscale to the Microscale”; Tresa M. Pollock, University of California, Santa Barbara, USA, “Rapid Acquisition of 3D Data at the Mesoscale for Structural and Functional Materials”; Guus Rijnders, University of Twente, The Netherlands, “Novel Functionalities in Atomically Controlled Oxide Heterostructures”; and Miguel José Yacamán, The University of Texas at San Antonio, USA, “From Metallurgy and Solid State Physics to Nanotechnology: 50 Years of Research on Materials.”

This annual international meeting provides an interactive forum to discuss the advances in synthesis, characterization, properties, processing, applications, basic research trends, corrosion prevention, and more, all related to the area of materials science and engineering. It has become a popular meeting destination with approximately 1800 attendees from more than 40 countries.

Online registration ends August 10. For more information, visit the official IMRC website at www.mrs-mexico.org.mx/imrc2016/index.php. □