



## Networking and Professional Recognition



Some of the most career-defining moments for TMS Annual Meeting attendees have occurred outside the session rooms, either during scheduled networking events or impromptu conversations in hallways or over a meal. The following section offers a glimpse at a few of the ways that TMS2013 is facilitating valuable connections that can lay the groundwork for future mentoring, advancement, and professional development.

### Young Professionals Benefit from New and Enhanced Opportunities



TMS's opportunities for young professionals are poised to grow dramatically over the next several years, with expansion of existing programs and development of new ones focused on helping young materials scientists and engineers to gain leadership experience, build a professional network, and become an active member of TMS during the early stages of their careers. TMS2013 will be a launching point for several of these initiatives.

"These activities obviously give young professionals a chance to meet people with similar interests and enthusiasm," said Kinga Unocic, chair of the TMS Young Leaders Committee. "But, you also are able to develop your networking skills and leadership abilities. These are very valuable experiences to gain early in your career."

Unocic noted that she is looking forward to building on last year's first Meet the Candidate Poster Session for TMS2013. "Overall, we got very positive feedback," she said. "All the candidates were thrilled to have an opportunity to meet with potential em-

ployers. There was a lot of interaction and a very friendly atmosphere."

Scheduled for 6:30 p.m. on March 3, the Meet the Candidate Poster Session enables recent graduates, post-docs, and early career professionals to present a poster on their qualifications and research interests to representatives from companies, universities, national laboratories, and other organizations in the market to hire. The deadline for poster abstracts is January 15, 2013, and can be submitted online via ProgramMaster, accessed at the TMS2013 website.

A new TMS2013 event developed exclusively for TMS professional members age 40 and under is a poster contest, with \$500 awarded to entries judged the best for each of TMS's five technical divisions. Poster presentations should relate to the technical interests of the division that they are submitted to and conform to the guidelines outlined in ProgramMaster. The abstract deadline for poster contest abstracts is December 15, 2012.

Other developments for young professionals at TMS2013 include expansion of the TMS Young Lead-



Kinga Unocic

### YOUNG LEADER TUTORIAL LUNCHEON LECTURE FOCUSES ON WORK/LIFE BALANCE



Julia Greer

Julia Greer, the 2013 TMS Early Career Faculty Fellow and assistant professor, Materials Science and Mechanics, California Institute of Technology, will present "A Scientist, a Parent, a Teacher, a Mentor . . . How to Balance it All?!" at the Young Leader Tutorial Luncheon Lecture on March 5 at TMS2013. Her talk will explore issues related to living and working in a world where career, family, and personal pursuits simultaneously require 100 percent of one's attention. As part of the discussion, Greer will provide examples of effective and ineffective situations, while bringing to light the consequences of neglecting to achieve internal balance. "As a mom of two little girls, trying to set up a work/life balance has been more challenging than I had ever imagined," said Greer. "Yet, it is of key importance as I find that spending quality time with my children makes me a better scientist, and intense scientific pursuit facilitates better parenting."

ers Professional Development Award Program. (See accompanying article, “TMS Broadens Scope of Awards Programs.”) A new social event, the Young Leader Happy Hour Reception, is slated for Wednesday, March 6, at 6 p.m. While Unocic indicated that details for the reception are still being developed, she noted that “the goal is to provide an opportunity for young professionals to network with more seasoned colleagues in a relaxed

setting.”

These and future efforts serve to support TMS’s strategic goal of becoming the “destination society for young professionals technically, professionally, and socially. David F. Bahr, TMS Board director, Membership and Student Development, and professor and head, School of Materials Engineering, Purdue University, noted that this commitment was vital to the future of TMS and the professions that it serves.

“Many of our young professionals are unsure as to which professional organization best fits their needs at the beginning of their careers,” he said. “TMS feels it is vitally important to be a home for young professionals and make them an integrated part of the society. They bring new ideas, new energy, and will continue to revitalize the organization, enhancing our ability to serve our core industries, and enabling us to broaden into new areas.”

### TMS Broadens Scope of Award Programs



A professional highlight for hundreds of TMS members—from early career professionals to leading authorities in their fields of expertise—has been receiving an award and recognition before their peers at a TMS Annual Meeting. While many of the award

winners who will be honored at various events at TMS2013 have been selected, nominations for 2014 awards are currently open and will be accepted until April 1. Specific details on awards and the nomination process are available on the Professional Honors and Awards

section of the TMS website at <http://www.tms.org/Society/TMSawards.aspx>.

A few notable changes have been made to several award programs to enhance their scope, benefits, and participation. This article offers a brief overview of a few of these changes.

### THE TMS2013 EXHIBITION: A HUB OF NETWORKING AND NEW IDEAS

Find the expertise and technology you need to implement the new

concepts and approaches covered in the TMS2013 symposia sessions by visiting the TMS2013 Exhibition. (A detailed overview is offered in the Exhibition Preview insert in this issue of *JOM*.)

This year, TMS will offer a free buffet lunch in the exhibition hall on Tuesday, March 5, while the President’s Reception and Happy Hour Tuesday events will return to keep things lively. Lunch items will also be available on Monday, March 4, and Wednesday, March 6, to make exhibition browsing convenient between sessions. Attendees can also stay connected with home and work by taking advantage of the free TMS Cyber Café located adjacent to the exhibition area.



## Chalmers Award Focuses on Materials Processing

TMS2012 marked the first time that the Bruce Chalmers Award was conferred under its broadened scope of recognizing an individual who has made outstanding contributions to the science and/or technology of materials processing. Previous to that, the Chalmers Award had focused more specifically on recognizing outstanding contributions to the science and technology of solidification processing.

As it has been since its inception more than two decades ago, the Chalmers Award is considered a pinnacle achievement. To be eligible for this honor, nominees must have an established record of research, publications, and/or patents in the field of materials processing. Winners are generally selected in recognition of the quality and relevance of work that has had or is likely to have a significant and lasting impact on the development of the discipline, although a single, significant achievement or a larger body of work may be honored.

With the restructuring of the TMS Honors and Awards program in 2010, the Chalmers Award is also positioned as part of a triumvirate of recognition opportunities that address the breadth of materials science and engineering. The other awards, both created in 2010, are the Morris Cohen Award, which recognizes significant contributions made to the science and/or technology of materials properties, and the Cyril Stanley Smith Award honoring leadership in the science and/or technology of materials structure.

## TMS Lifetime Membership Extended to Pinnacle Award Winners

The rank of Fellow is the highest professional honor conferred by TMS, recognizing a lifetime of exceptional contributions to the scholarship and/or practice of metallurgy, materials science and engineering, and related technologies. Since the first class of TMS Fellows was inducted in 1963, these individuals have continued to shape and advance their fields of expertise, laying the groundwork for future in-

## GET "STAR" TREATMENT AT THE TMS2013 HONORS AND AWARDS BANQUET

Last year, there were fireworks. This year, the "stars" will come out at the 2013 TMS-AIME Honors and Awards Banquet. A special awards presentation in the opulent Lila Cockrell Theatre will highlight the evening, followed by a red carpet escort to the banquet setting in the Grand Hyatt San Antonio, adjacent to the convention center. Live entertainment, gourmet dining, and an extravagant dessert buffet will round out the festivities. Preregistration is required for the event, scheduled for Tuesday, March 5, starting with a reception at 6 p.m.



novations that will address some of the world's most pressing needs. In revisiting the lasting impact of these individuals on their profession and society, the TMS Board recently decided to confer honorary lifetime membership as part of the TMS Fellow award. Honorary lifetime membership in TMS further highlights these individuals as distinguished leaders in materials science and engineering, while facilitating their ability to share their knowledge and vision with other TMS members.

For these same reasons, the TMS Board has also determined that the winners of the Smith, Cohen, and Chalmers Awards will receive honorary lifetime TMS membership as part of their recognition.

## Expansion of Young Leaders Award Program

The TMS Young Leaders Professional Development Award program is set to triple in size. For 2013, the

number of awards made available has been increased from 10 to 20, with 30 awards to be funded for 2014. Young Leaders Award winners receive complimentary registration, accommodations, and a travel allowance to attend the TMS Annual Meeting and Exhibition, along with the opportunity to participate in TMS Board of Directors and Division Council meetings. They also have a complimentary TMS membership for the year of the award.

Please note that unlike the other awards outlined in this article, applications for Young Leaders Awards are due by September 15 for the following year. Application forms are accessed at the TMS Young Leaders home page at <http://www.tms.org/YoungLeaders/YLhome.aspx>.

For additional information on the TMS Honors and Awards program, contact Deborah Price, TMS award and recognition specialist, at [price@tms.org](mailto:price@tms.org).

## Student Events Offer Pathways to Career Success



While attending sessions is a critical aspect of the student experience at any TMS Annual Meeting, robust programming geared specifically to the needs and interests of student members keep things fun, as well as offer opportunities for early professional recognition.

Taking full advantage of what

TMS2013 has to offer students takes some advanced planning, with December 15 standing as the deadline to register for two key events:

### TMS2013 Materials Bowl

Show off your materials science and engineering knowledge, win cash prizes, and gain those ever-important

bragging rights by competing in the TMS2013 Materials Bowl. Teams selected and prepared by Material Advantage chapters will match wits in a fast-paced materials-themed knowledge and trivia competition on Sunday, March 3. Each member of the winning team receives \$250. The winning chapter receives \$500 and lays claim to the traveling Materials Bowl trophy for one year. The second-place team receives \$500 for its chapter.

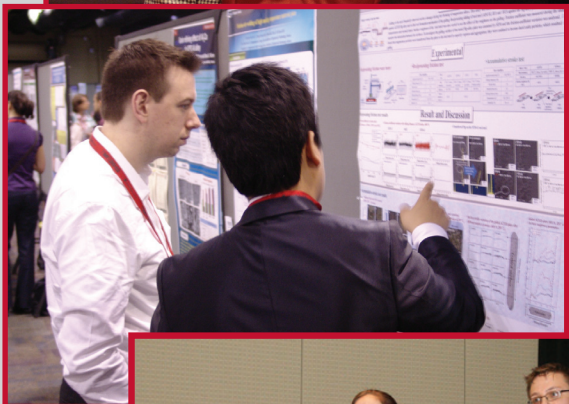
Even if you aren't competing in the Materials Bowl, you are welcome to attend any of the rounds as a spectator to cheer on your favorite school!

### Student Poster Contest

Present your research and share your enthusiasm with potential mentors at the TMS2013 Student Poster Contest, sponsored by the five technical divisions of TMS. In addition to the professional experience and exposure offered by this event, each of the technical divisions will award \$500 to the best undergraduate poster and \$500 to the best graduate poster submitted to them. A top prize will be awarded by TMS for the "Best of Show" poster, with \$500 going to the overall best posters in the undergraduate and graduate divisions.

Application information for both the Materials Bowl and Student Poster Contest are available at the TMS Student Member home page at <http://www.tms.org/Students/students.aspx>.

Also, be sure to attend the TMS2013 Student Mixer on Sunday, March 3, and the Student Career Forum on Tuesday, March 5. Check the TMS Annual Meeting Website at <http://www.tms.org/tms2013> regularly for updates and details.



Networking events (above), the TMS Student Poster Contest (left), and the Materials Bowl (below) are among the many activities being developed especially for students at TMS2013.

