



# TMS board motions, minutes, and musings

## TMS Board of Directors

### Hani Henein

President  
*Professor, University of Alberta*

### Elizabeth A. Holm

Past President  
*Professor, Carnegie Mellon University*

### Patrice Turchi

Vice President  
*Advanced Metallurgical Science and Engineering Group Leader, Lawrence Livermore National Laboratory*

### Robert W. Hyers

Financial Planning Officer  
*Chief Technology Officer, Boston Electrometallurgical Corporation*

### David F. Bahr

Director, Membership & Student Development  
*Head and Professor, Materials Engineering, Purdue University*

### Eric N. Brown

Director, Content Development & Dissemination  
*Group Leader, Neutron Science and Technology, Los Alamos National Laboratory*

### David H. DeYoung

Director/Chair  
*Light Metals Division Director, GPP Business Technology, Alcoa Inc.*

## The Stuff That TMS Membership Is Made of

### Hani Henein



Over the next few weeks, you will be receiving invitations to renew your TMS membership that list an impressive array of “stuff” that you have access to as benefits. TMS staff recently attached a dollar value to all of the products and services available through TMS professional membership and determined that they were worth, collectively, more than \$2,000 a year. That’s a great return on the investment of your membership dues.

But all of the items that you will see listed—the free electronic access to the TMS journals, the discounts on Wiley publications, the special member rates to meetings and educational programs—really only relate a small part of the story as to why you should continue your TMS membership. To try to tell that story more fully, I will share a bit of my own.

I joined TMS as a graduate student because I felt this was the place where I could truly distinguish myself. It offered me a highly respected and important venue to share my work, both in publications and presentations, with an international community. It put me in direct touch with some of the best minds in my discipline, as well as areas of interest related to mine. TMS was where I grew up as a professional, helping me build my reputation, develop my ideas, and make connections that have led to defining opportunities. Many of the directions that I have traveled over the course of my career have their starting point with TMS.

At this stage, my focus is now on giving back to an organization that has given so much to me. I have found

these experiences just as enriching, just as valuable, primarily because of the intellectual and professional generosity of the TMS membership. It has also been deeply satisfying to know, that as a member of TMS, I have contributed to an elite peer network that elevates our minerals, metals, and materials community.

I know that networking and professional development opportunities are not unique to TMS. What does make TMS special is the breadth and focus of those activities. We are a membership of 12,000 individuals, all bringing our own unique perspectives and talents to bear. We come from industry, academia, and government, hailing from every inhabited continent, and engaged in nearly every aspect of minerals, metals, and materials science and engineering. All of these very diverse interests have a voice within TMS, as we convene for meetings, contribute to meaningful projects, and share our work through publications. And, because TMS is the home of the broader minerals, metals, and materials community, we have the ability to develop collaborations and working relationships with colleagues with whom we may not have otherwise connected.

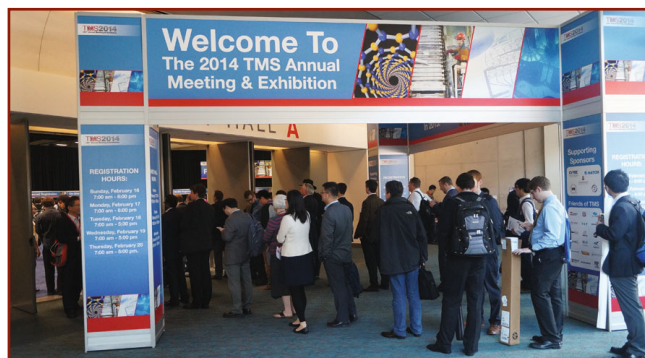
I am proud of several recent and future initiatives that TMS has undertaken to strengthen its service to its diverse membership. The First TMS Summit on Integrated Manufacturing and Materials Innovation will take place in November 2015 as a forum for examining solutions for materials applications across the industrial enterprise. The learning and ideas that were gathered at the TMS Summit on Creating and Sustaining Diversity in the Minerals, Metals, and Materials Professions in July 2014 are even now being developed into a cadre of practical resources. TMS is also preparing



Receipt of a print issue of *JOM* every month is just one high-value benefit of TMS membership.

a robust slate of future specialty meetings and workshops for the coming years, while developing working relationships with materials societies around the globe to ensure the flow of ideas and collaborations across cultures.

This commitment to inclusion of all TMS members is probably most apparent in the society's expansion of opportunities to its young professionals. Awards programs, professional development, and publishing opportunities with a specific focus on the needs and interests of early career professionals are just some of the ways that TMS is actively grooming the next generation of scientists and engineers.



TMS members find the annual meeting to be a valuable opportunity to connect with leaders in their field.



TMS Young Professionals establish valuable relationships at annual meetings. Shown at a reception are, from left, Michele Manuel, Juan Manuel, Doug Hofmann, and Chamini Mendis.

For many members, the TMS library of journals is a primary mechanism for connecting with the insights of their colleagues. I am pleased to report that *JOM*, our flagship publication, is continuing to expand its scope, quantity, and quality of current technical information.

*Integrating Materials and Manufacturing Innovation (IMMI)* is breaking new ground with its topics and open access platform. The *Journal of Electronic Materials* and *Metallurgical and Materials Transactions A* and *B* are respected, established references for their communities, while our newest journal, *Metallurgical and Materials Transactions E*, has been very well received in its debut year. In 2015, TMS is introducing yet another publication, the *Journal of Sustainable Metallurgy*, with some of our most distinguished members serving as editors.

This leads me to another point about your TMS membership. The journals, meetings, services, and stuff that you will see listed on those dues renewal messages exist because TMS members volunteered their time and talents to create something valuable for their professional community. It is often stated that TMS is a "bottom-up" organization. What TMS offers members has been developed by colleagues who know from experience what they need, rather than those decisions being made from a small group at the top. This approach, I believe, makes for more relevant, productive outcomes. More importantly, it gives our individual members the opportunity to shape their disciplines and grow professionally through a variety of meaningful volunteer avenues.

And that is powerful stuff indeed.

## TMS Board of Directors

**Jeffrey Fergus**  
Director, Professional Development  
Professor, Auburn University Program

**James C. Foley**  
Director/Chair  
Materials Processing & Manufacturing Division  
R&D Manager, Los Alamos National Laboratory

**Edward D. Herderick**  
Director, Public & Governmental Affairs  
Director of R & D, Rapid Prototype + Manufacturing

**Rajiv S. Mishra**  
Director/Chair  
Structural Materials Division  
Professor, University of North Texas

**Neville Moody**  
Director, Programming Manager, Sandia National Laboratories

**Roger Narayan**  
Director/Chair  
Functional Materials Division (formerly EMPMD)  
Professor, University of North Carolina and North Carolina State University

**Mark E. Schlesinger**  
Director/Chair  
Extraction & Processing Division  
Professor, Missouri University of Science and Technology

**James J. Robinson**  
Secretary  
TMS Executive Director