

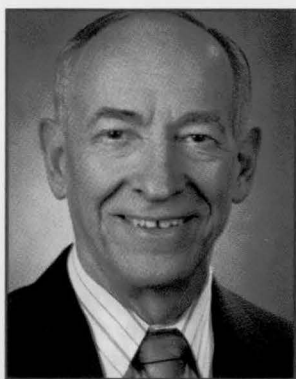


## A Challenge to TMS Members: Meet Your Match

Garry W. Warren  
*Chair, TMS Foundation Board of Trustees*

### **TMS Foundation: growth through giving**

This regular *JOM* feature provides updates on TMS Foundation activities, as well as news on opportunities for TMS Foundation support and engagement. Visit the Foundation website at [www.TMSFoundation.org](http://www.TMSFoundation.org) to learn more.



Garry W. Warren

I am consistently amazed at the energy and wisdom of those just starting out in our profession. I have taught and worked beside students and young researchers for more than 35 years. Many times, I have taken significant steps forward in my own thinking and understanding by looking at a project or problem through their eyes and applying the fresh perspectives that they bring to the field.

Much has certainly been written and said about the importance of youth to science and engineering, including our own minerals, metals, and materials disciplines. From my own experience, I know this is true. I also believe that building a successful career requires more than studying hard and mastering technical skills. Providing tools, experiences, and motivation to young professionals to realize their potential as leaders and contributors is a critical, and often neglected, professional development space. That's why the TMS Foundation has made it a mission to fill that



Elif Ertekin, assistant professor, University of Illinois, and 2016 TMS Early Career Faculty Fellow, makes a point during her tutorial luncheon lecture. The fellowship is supported by the TMS Foundation.

need since 1993.

Here is just a quick look at what the Foundation has accomplished in just 2016 alone:

- **12** promising students received **TMS Division Scholarships** to support their academic pursuits and professional growth.
- **33** students attended the TMS 2016 Annual Meeting & Exhibition (TMS2016) or Materials Science & Technology, thanks to **TMS Foundation Travel Grants**.
- **23** TMS members gained exposure for their work and expanded their networks as **TMS Young Leaders Professional Development Awardees**.
- **8** TMS members attended the **Emerging Leaders Alliance** Capstone Program, with support by the TMS Foundation, for preparation in addressing challenges in complex business environments.
- **2** exceptional young faculty members were able to share their work more

### **Fast Facts about the 2016 Annual Appeal**

**Goal:** \$100,000

**Double Your Impact:** The first \$30,000 donated during the campaign will be matched, dollar for dollar, through a challenge supported by Foundation leaders.

**Deadline:** December 31, 2016

**Employer Match:** Register The Minerals, Metals & Materials Society for an employer match with your company. TMS (EIN #: 25-1484913) is a qualified 501(c)(3) tax-exempt organization.

**Donate Online:** Visit [www.TMSFoundation.org/Contribute](http://www.TMSFoundation.org/Contribute).

**Note Our New Mailing Address:** TMS Foundation, 5700 Corporate Drive, Suite 750, Pittsburgh, PA 15237.

**More Information:** Contact Mary Samsa, TMS Foundation & Public Affairs Manager, at (724) 814-3130 or [msamsa@tms.org](mailto:msamsa@tms.org)

broadly as TMS Foundation **Early Career Faculty Fellows**.

- **1 TMS Foundation International Scholar** traveled to Japan to develop scientific collaborations across cultures.

Now, consider the hundreds of awards and scholarships that the Foundation has conferred over the years—**240 Division Scholarships** and **250 Young Leaders Professional Development Awards**, for starters. Many, many of those individuals have gone on to do incredible things, both

as professionals and TMS members, and often point to the recognition and support of the TMS Foundation as a launching point for their success.

So yes, while much has indeed been written and said about developing the next generation of science and engineering professionals, the TMS Foundation has actually *done* something about it and done it well. But, to continue that good work—and expand its initiatives for greater impact—the Foundation needs TMS members who are established in their



Cynthia K. Belt (center), Vice Chair, Extraction & Processing Division (EPD), did the honors of presenting the EPD's student scholarships at the TMS 2016 Annual Meeting & Exhibition (TMS2016) (left to right): Maureen Chorney, Montana Tech of the University of Montana; Kerry McQuaid, Colorado School of Mines; Jordan Dick, South Dakota School of Mines and Technology; and Mark Mazzucco, South Dakota School of Mines and Technology.



Past TMS Young Leaders Professional Development Awardees have gone on to make tremendous technical, scientific, and professional contributions. Pictured are three of them catching up at TMS 2016 (left to right): Ellen Cerreta (2004 Young Leader), group leader, Materials in Radiation and Dynamic Extremes Group, Los Alamos National Laboratory, and Structural Materials Division Chair, TMS Board of Directors; Amy Clarke (2008 Young Leader), Associate Professor, Colorado School of Mines, and Member and Student Development Chair, TMS Board of Directors; and Viola Acoff (1998 Young Leader), Associate Dean for Undergraduate and Graduate Programs, University of Alabama, Tuscaloosa.

## TMS Foundation Board of Trustees

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**Garry W. Warren**  
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TMS Executive Director



Kyle Brinkman (standing), associate professor, Clemson University, spoke at the TMS Foundation Donor Recognition Event at TMS2016 on the impact that the TMS Foundation has had on his career as a recipient of the 2011 Young Leaders Professional Development Award and 2015 FEMS/TMS Young Leaders International Scholar Award.

careers to step up and make sure the next generation can advance.

That is why I am encouraging all TMS members to contribute to the TMS Foundation 2016 Annual Appeal. This year, **we have set a goal of \$100,000**, with every cent needed to sustain and grow the Foundation's support to our TMS members in the most critical stages of their career development.

To keep us on pace to reach that goal, we have had several TMS Foundation leaders come forward to pool their resources for a **\$30,000 challenge match**. This means that donors who contribute to the first \$30,000 raised in the 2016 Annual Appeal will have

their donations matched, dollar for dollar. (See sidebar articles.)

Any contribution, great or small, means that you have directly made a difference in the professional life of an early career TMS member:

- **If 10 people give \$50**, the TMS Foundation can send a student to the TMS 2017 Annual Meeting on a travel grant.
- **If 20 people give \$100**, a student will receive academic assistance through a TMS Division Scholarship.
- **If 3 people give \$200**, the TMS Foundation can support Emerging Leaders Alliance training for a future industry leader.
- **If 6 people give \$500**, the TMS Foundation can boost the career of a promising TMS member with a Young Leaders Professional Development Award.

Time and again, TMS members have told me that they value the Foundation, what it does, and what it stands for. I am deeply appreciative of those who have turned those good intentions into action and supported the Foundation generously, particularly during our last two years of revitalization. To all other TMS members—please make this the year that you make an impact on the future leaders of our profession by supporting the TMS Foundation.

## Challenge Match Supporters

Thank you to the following individuals who made the \$30,000 2016 TMS Foundation Annual Appeal Challenge Match possible:

### **Martin and Lucinda Glicksman** *Lead Donors*

The first and still the only members of the TMS Foundation Diamond Society, the Glicksmans have been tireless champions of the TMS Foundation since it was founded.

### **Robert and Robyn Wagoner** *Lead Donors*

Robert H. Wagoner led the charge to revitalize the TMS Foundation, assuming the role of Board of Trustees chair in 2013 to oversee the early stages of that effort with a restructured Board of Trustees, a new financial management approach, and proactive fundraising strategies. The Wagoners are also inaugural members of the TMS Foundation Gold Society.

### **Garry W. Warren**

Garry Warren is the current TMS Foundation Board of Trustees Chair and was instrumental in planting the seeds

for the Foundation's revitalization while he served as the 2011 TMS President. Warren is a member of the TMS Foundation Gold Society.

### **Stanley M. Howard**

Stanley Howard is a Trustee of the TMS Foundation Board, as well as the 2016 TMS President. He has been a long-time supporter of the Foundation and is an inaugural TMS Foundation Silver Society member.

The first \$30,000 raised during the 2016 TMS Foundation Annual Appeal will be matched, dollar for dollar, by this challenge. Make an online donation today at [www.TMSFoundation.org/Contribute](http://www.TMSFoundation.org/Contribute) or mail your donation to: TMS Foundation, 5700 Corporate Drive, Suite 750, Pittsburgh, PA 15237.

TMS is a qualified 501(c)(3) tax-exempt organization and donations are deductible to the full extent of the law in the United States.

For additional information on the Foundation, including the Diamond, Gold, and Silver Honorific Societies, and the new Titanium and Platinum Honorific Societies, visit the Foundation website at [www.TMSFoundation.org](http://www.TMSFoundation.org).

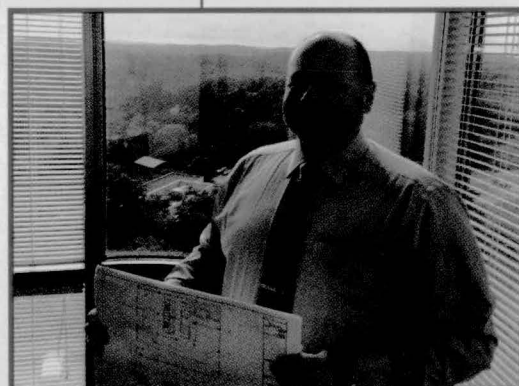


# TMS Makes Its Move

Lynne Robinson

Few TMS members have ever stepped through the doors of a TMS headquarters building. Most see the TMS Annual Meeting and other hosted and sponsored

TMS events as their professional society "home." TMS is and always has been about connecting members with each other and the latest developments in their fields, with its brick-and-mortar headquarters serving as the enabler, rather than the focal point, of those activities. As the TMS membership continues to expand significantly beyond North American borders, TMS has stepped up efforts to deploy information and communication tools to ensure that any member anywhere in the world can



James J. Robinson, TMS Executive Director, stands in the location of his new office at 5700 Corporate Drive while reviewing blueprints for the new TMS headquarters.

## New TMS Mailing Address

**Effective October 1, 2016**

The Minerals, Metals & Materials Society  
5700 Corporate Drive  
Suite 750  
Pittsburgh, PA 15237

*Note that the main headquarters phone and FAX numbers will stay the same.*

**Phone:**  
724-776-9000  
800-759-4867  
(U.S. and Canada Only)  
**FAX:**  
724-776-3770

Individual staff phone numbers will also remain the same, but individual FAX numbers will be dropped.

For a headquarters contact directory, visit [www.tms.org](http://www.tms.org) and select the "About" tab.



Ample and free covered parking are among the amenities offered by the 5700 Corporate Drive building where the new TMS headquarters is located. Because the headquarters complex takes up most of the space on the 7th floor, many of its windows offer exceptional views of the rolling landscape that surrounds the area.

The total space encompassed by the new TMS headquarters is approximately 10,000 square feet. Of particular interest to visitors will be the 1,500 square foot Brimacombe Conference Center (highlighted below). The TMS reception area (also highlighted) celebrates TMS's past, provides information on the present, and offers visual clues to its future.

participate as fully as possible in the life and benefits of the TMS community.

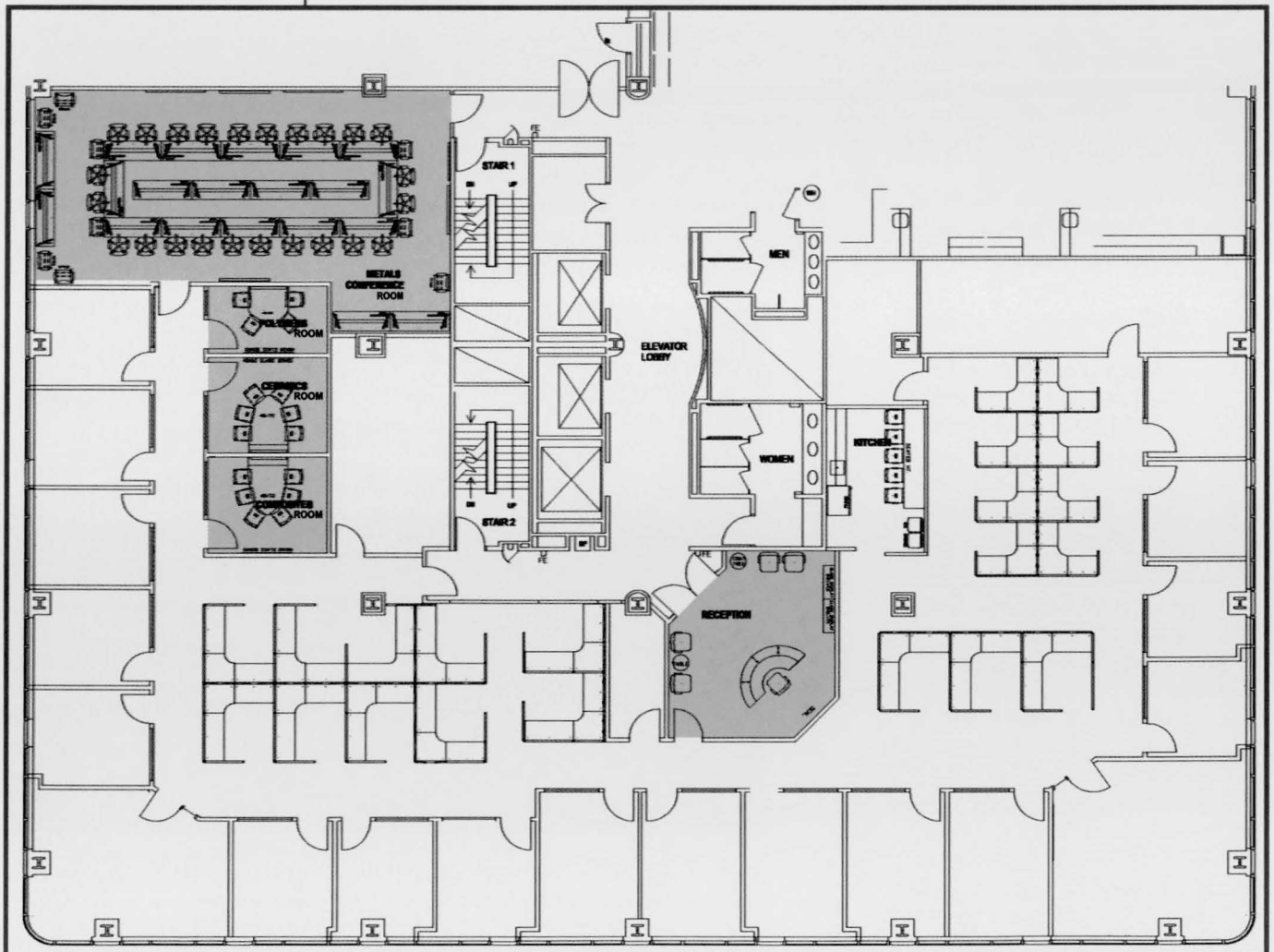
On October 1, 2016, TMS officially changes its address to a new headquarters location—5700 Corporate Drive, Suite 750, Pittsburgh, Pennsylvania, 15237. With this move has come the opportunity to totally refit the physical footprint of TMS with technologies that will allow the Society to take a big step forward in enhancing service to and engagement with all members, whether they are in the next neighborhood or another hemisphere.

Much of that work will take place in the new 1,500 square foot Brimacombe Conference Center, named after the late 1993 TMS President, J. Keith Brimacombe, and highlighting several of his framed letters, speeches, and other mementos that were previously displayed at the old headquarters building. "Keith was a tireless champion of advancing metallurgical engineering through collaboration," said

Stanley M. Howard, 2016 TMS President. "Having our new conference center bear his name honors both his legacy to TMS and the field, while evoking our core values as a collaborative, member-driven organization."

Housed within the Brimacombe Conference Center are three meeting spaces that can be combined to host larger gatherings. The biggest space, the Metals Room, comprises about 1,100 square feet, and will be used for meetings, seminars, and training sessions for up to 60 people. As James J. Robinson, TMS Executive Director, noted, "The number of meeting attendees that we can accommodate becomes limitless when the built-in virtual meeting capabilities are used."

Three smaller rooms within the conference center continue the materials-themed naming convention as the Polymers Room, the Ceramics Room, and the Composites Room. Each of these is



equipped with video displays and cameras, high-quality sound and communications technology, and other collaborative tools to support virtual meetings and webinars. Working behind the scenes is a state-of-the-art communications system that will provide TMS staff with more tools and options by tightly interfacing the Society phone and computer capabilities with individual staff smart phones. Robinson commented that this was a particularly critical investment in the new headquarters infrastructure, given that more than a third of the TMS staff regularly telecommutes during some portion of the work week and others maintain heavy travel schedules to support TMS initiatives. “The technology will make blending the work of remote and in-office team members more seamless, which makes us more productive in serving our members and conducting the business of the Society,” said Robinson. “Being able to offer a robust telecommuting policy and workplace flexibility also adds to our value proposition of recruiting and retaining high-quality staff members.”

While a priority in equipping the new headquarters has been to make TMS a welcoming and effective virtual meeting place, the physical facility offers in-person visitors a pleasant experience as well, starting as soon as they approach the door. “The reception area will immediately acquaint you with the essence of TMS,” said Robinson. “The first thing you will see is a spotlighted TMS logo medallion hanging behind the receptionist. To the left, as you enter, will be shelving that showcases artifacts from TMS and AIME. Hanging on the walls will be two framed posters—one showing the current issue of *JOM* and one announcing an upcoming event or other Society initiative—and a photo of our current TMS president, along with recognition of all past presidents.”

As far as surroundings, the new headquarters offers a number of conveniences and amenities over TMS’s old location in Warrendale, Pennsylvania. Situated in a vibrant, upscale suburban neighborhood, TMS is now a convenient 20 minutes away from downtown Pittsburgh and about 40 minutes from the Greater Pittsburgh International Airport. The building is served by several bus lines that route through Pittsburgh and is within



sight of a number of dining, shopping, and entertainment destinations. Over the next year, several new hotels are slated to open nearby, one within walking distance of the headquarters building.

When the opportunity arose earlier this year to sell TMS’s share of the old headquarters building to the Association for Iron and Steel Technology (AIST), which owned the other share, Robinson said that the TMS

Board of Directors carefully examined the pros and cons of making the move. They concluded that it made sound financial sense. Robinson said he felt personally energized at the prospect of reworking TMS’s physical facilities to give members with time, resource, and travel restrictions more convenient, immediate access to services and engagement.

“At its heart, TMS is all about bringing people together,” he commented, “and the focus of the new headquarters will be to facilitate collaboration and communication among staff, volunteers, and the members we all serve, wherever they might be.”

Upon entering 5700 Corporate Drive, visitors are greeted by a comfortable, welcoming lobby that leads to the elevators to the TMS headquarters on the 7th floor.



The existing interior structure housing the new TMS headquarters has been completely demolished and remodeled to accommodate state-of-the-art communication, meeting, and distance collaboration technologies.