

2015 TMS ANNUAL REPORT

*EXTENDING OUR BOUNDARIES
REINFORCING OUR STRENGTHS*

FEATURING UPDATES ON THE
TMS 2018 STRATEGIC FOCUS AREAS:



DIVERSITY
AND INCLUSION

INCREASED INDUSTRIAL
ENGAGEMENT

INTERNATIONAL
OUTREACH

ENERGY AND
SUSTAINABILITY

MATERIALS AND
MANUFACTURING
INNOVATION

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In July 2016, the TMS Board of Directors approved the Society's 2015 audited financial statements, which are presented at the end of this report. To place our financial information in context, the following pages provide a snapshot of some of the key Society activities behind the numbers, showing how we advanced our strategic goals in 2015, extending our boundaries and reinforcing our strengths in the process.

EXTENDING OUR BOUNDARIES

TMS has always been a welcoming community for minerals, metals, and materials scientists and engineers. In 2015, we took steps to extend that hospitality to as many groups as possible, both in the United States (where TMS is headquartered) and throughout the world, as well as to groups that are typically underrepresented in the science and engineering professions. Here's how.



INTERNATIONAL OUTREACH

Working with a number of international partner societies, we laid the groundwork for more geographically diverse programming and attendance at our meetings.



2015 TMS President Patrice Turchi and TMS Executive Director James J. Robinson traveled to Warsaw, Poland, to attend EUROMAT 2015 and to collaborate with leaders of the **Federation of European Materials Societies (FEMS)** on future programming opportunities. From left to right: Brett Suddell, FEMS Vice President; Margarethe Hofmann, FEMS President; Turchi; and Robinson.



**3rd Pan American
Materials Congress**
San Diego, California
February 26-March 2, 2017

**Energy Materials
2017**

TMS worked with **eight North and South American materials societies** to organize the third installment of the Pan American Materials Congress, as well as with the **Chinese Society for Metals (CSM)** to develop the second installment of the Energy Materials conference. Both meetings will be held as part of the TMS 2017 Annual Meeting & Exhibition, February 26–March 2, in San Diego, California. TMS and CSM also developed plans for the 2nd International Conference on Computational Design and Simulation of Materials, which TMS will host in 2018.



DIVERSITY AND INCLUSION

TMS continued its work to create a more welcoming and inclusive environment for all of its members, both through our own activities and within the professions we serve.



TMS prepared for the **2nd Summit on Diversity in the Minerals, Metals, and Materials Professions (DMMM2)**, held July 2016, and sought

applicants for the inaugural Frank Crossley Diversity Award, which recognizes an individual who has overcome adversity to pursue a career in minerals, metals, and/or materials.



TMS launched the *JOM* Pioneers in Diversity series, an ongoing project of the TMS Diversity Committee that raises awareness and celebrates the accomplishments of those who have made inroads on issues of diversity in the field.



Through the TMS Foundation, young professionals and students—who might not otherwise have the budget for travel and professional development—are welcomed into the Society and given the chance to fully participate in TMS activities.



In 2015, **44 students** benefited from scholarships and travel grants distributed by the TMS Foundation, and **44 young professionals** participated in programs that opened up networking and career development opportunities for these future leaders of our professions.

REINFORCING OUR STRENGTHS

Enabling quality technical exchange among our members to advance science and technology is central to our work as a professional society. In particular, TMS focused its attention on the following strategic technical areas and audiences in 2015.



ENERGY AND SUSTAINABILITY

TMS worked to advance materials solutions for energy and environmental challenges.



The TMS Middle East—Mediterranean Materials Congress on Energy and Infrastructure Systems (MEMA 2015), held in Doha, Qatar, in January 2015, established collaboration among materials researchers in the Middle East and Mediterranean region and the rest of the world.



TMS launched the quarterly *Journal of Sustainable Metallurgy* in March 2015 and published 28 papers in its first volume year.



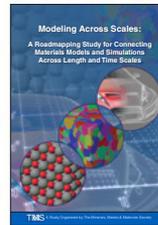
MATERIALS AND MANUFACTURING INNOVATION

TMS solidified its position as the professional home and advocate for materials and manufacturing innovation.



THE 1ST TMS SUMMIT ON INTEGRATED MANUFACTURING & MATERIALS INNOVATIONS

The 1st TMS Summit on Integrated Manufacturing and Materials Innovations was held November 2015 in Pittsburgh, Pennsylvania. The event featured keynote talks, interactive panel discussions, and more than 50 technical presentations.



During the Society's 3rd World Congress on Integrated Computational Materials Engineering (ICME 2015), TMS released *Modeling Across Scales: A Roadmapping Study for Connecting Materials Models and Simulations Across Length and Time Scales*.

TMS introduced the ad hoc Additive Manufacturing Committee, the first TMS technical committee to be sponsored by all five TMS technical divisions. Additive Manufacturing became a permanent committee in 2016.



INCREASED INDUSTRIAL ENGAGEMENT

Approximately 40% of TMS members work in industry. Identifying a need for increased professional development opportunities for these industrial members, TMS offered a more robust portfolio of professional development events in 2015. An ad hoc Professional Development Committee provided strategic leadership to guide this expansion.



TMS held five stand-alone courses and workshops in 2015. Three focused on primary aluminum production, one on additive manufacturing, and one on preparing for the Professional Registration (PE) exam.

OUR 2015 LEADERSHIP



Patrice E.A. Turchi
2015 TMS President,
Scientific Capability and
Group Leader, Lawrence
Livermore National
Laboratory



James J. Robinson
TMS Executive Director

OUR BOARD OF DIRECTORS

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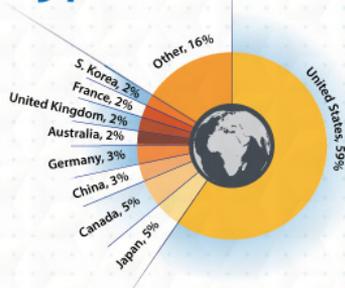
OUR MEMBERS

In the past five years, our
membership has grown by
1,460 members.



Where Our Members Live

TMS members live and work in
94 countries on six continents.



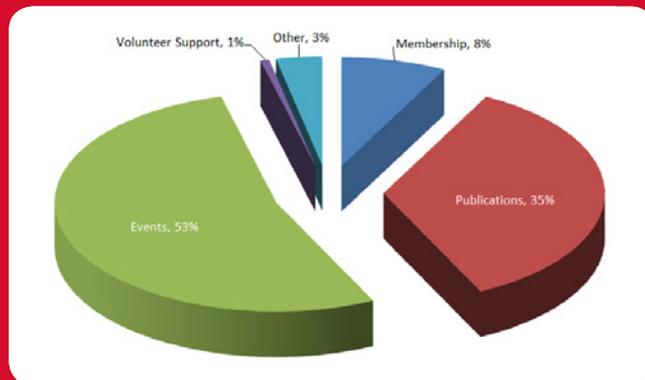
OUR ANNUAL MEETING & EXHIBITION

The TMS Annual Meeting & Exhibition is the central meeting place for the TMS community, bringing together our members working in academia, industry, and government in all aspects of minerals, metals, and materials science and engineering. TMS2015, held March 15–19, 2015 in Orlando, Florida, was the fourth best-attended meeting of the millennium, with:

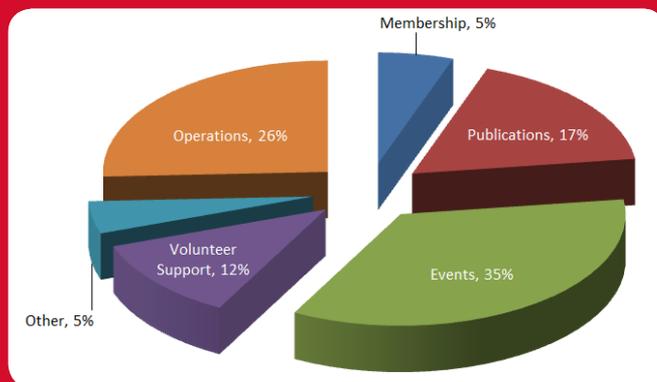
4,203 attendees
3,285 papers and posters presented

TMS 2015 FINANCIAL REVIEW

2015 Operating Revenues by Program Area



2015 Operating Expenses by Program Area



Summary of Operations Revenues and Expenses

Years ending December 31, 2015 and 2014

REVENUE	2015	2014
Membership	\$560,255	\$572,852
Editorial, Content & Communications	\$2,554,446	\$2,840,784
Events, Programs & Sales	\$3,873,975	\$3,413,881
Contracts & Grants	\$97,083	\$205,750
Volunteer Support	\$46,802	\$42,630
Executive/Operations	\$147,229	\$172,770
TOTAL REVENUES	\$7,279,790	\$7,248,667

EXPENSES

Membership	\$390,901	\$422,553
Editorial, Content & Communications	\$1,235,124	\$1,145,999
Events, Programs & Sales	\$2,474,226	\$2,099,769
Contracts & Grants	\$69,836	\$84,617
Volunteer Support	\$836,448	\$759,741
Executive/Operations	\$2,080,126	\$2,206,527
TOTAL EXPENSES	\$7,086,661	\$6,719,206

EXCESS OPERATIONS REVENUE	\$193,129	\$529,461
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