



TMS Foundation: growth through giving



TMS Foundation Support of the Emerging Leaders Alliance Builds Bridges to Executive Leadership

Lynne Robinson

Developing skills “to manage people, not just technology” was an outcome of Emerging Leaders Alliance (ELA) participation that Jim Yurko believes will benefit him both in the workplace and as a TMS volunteer. “I found the ELA conference extremely useful and concepts such as managing change, innovation, and diverse and global groups were perfectly suited for my role as a TMS committee chair and as a manager with my employer, Materion,” he said. “I will definitely be incorporating things I learned into my daily job.”

Yurko, along with seven other young TMS professional members, had the opportunity to attend the 2014 ELA conference, held November 10–12 in Reston, Virginia, through the support of the TMS Foundation. Established in 2008, the ELA is a cooperative effort of nearly a dozen science and engineering professional societies to provide leadership

training to early career professionals on track for upper-level management roles. The ELA extends this learning and support beyond the conference through access to resources and discussion forums among participants.

“It was a privilege to attend the 2014 ELA conference with the support of the TMS Foundation,” said Michael Dunlavy. “The first-hand insights from successful senior leaders and the sharing of experiences with fellow young professionals provided beneficial tools to evolve my effectiveness as a leader as an officer in the United States Air Force and a TMS committee, as well as in my daily personal life.

“The program also reinforced the importance of innovative thinking, diversity of thought, and establishing a purpose larger than oneself. These key leadership elements are critical in building effective relationships of trust and teamwork and will help me translate competing interests into unity of effort towards a common goal.”

The ELA was created to help young professionals bridge the gap between their technical and scientific education and the skillsets they need for effective management of complex organizational issues. “I never had professional training like this as a graduate student and postdoctoral scholar, so I found the sessions that explored the differences between management and leadership to be particularly thought-provoking,” said Natasha Vermaak, Lehigh University. “I came away from the 2014 ELA conference empowered to recognize and leverage social styles and to support a workplace culture for creativity, effective communication, and innovation.”

Admission to the ELA is competitive.



Attending the 2014 ELA conference from TMS were: (back row, left to right) Megan Brewster, U.S. Department of Energy; Ray Peterson, Aleris International; James Yurko, Materion; Yu Zhong, Florida International University; Jason Trelewicz, Stony Brook University; Tyler Salisbury, Hazen Research; Abdoul-Aziz Bogno, University of Alberta; Michael Dunlavy, U.S. Air Force; (front row, left to right): Deborah Price, TMS; Natasha Vermaak, Lehigh University.

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Applicants must be members of TMS, typically ages 24–40, with rising or current leadership positions in their organizations. For information on how to apply for the November 8–11, 2015 conference, contact Deborah Price, TMS Awards and Recognition Specialist, at price@tms.org.

Established TMS members can also participate in the ELA by donating to the TMS Foundation. Any level of support helps ensure that future leaders of the minerals, metals, and materials communities have access to the benefits of this unique program, as well as other Foundation initiatives geared toward developing early career professionals. Megan Brewster, American Association for

Advancement of Science and Technology Policy Fellow, noted that the Foundation's mission has helped shape her perspective of TMS: "I am extremely thankful to the TMS Foundation for supporting my participation in the 2014 ELA Conference," she said. "I am proud to be a part of the TMS community in that it strongly values the growth and professional development of its young professional population."

Visit the TMS Foundation website at www.TMSFoundation.org to learn more and to make an online donation. For questions or to make a donation by phone or mail, contact Mary Samsa, TMS Foundation & Public Affairs Manager, at msamsa@tms.org.

New TMS Award Celebrates the Barrier Breakers

Frank Crossley, the first African American to earn a Ph.D. in metallurgical engineering and a TMS member since 1947, overcame prevailing social barriers and perceptions to open doors to a more diverse science and engineering community. The TMS Board of Directors formally established his contributions as a model for others to follow at its meeting in December 2014 with the creation of the Frank Crossley Diversity Award.

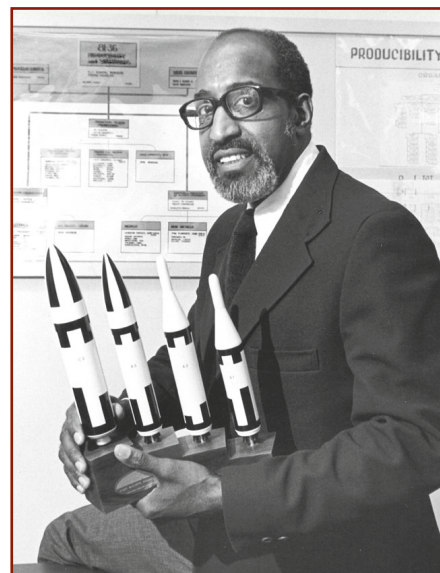
The Frank Crossley Diversity Award was made possible through a generous donation to the TMS Foundation by Jeffrey Wadsworth and his wife, Geraldine McCulley Wadsworth. Its purpose is to annually honor an individual who has "overcome personal, professional, educational, cultural, or institutional adversity to pursue a career in minerals, metals, and/or materials." The award recipient will receive a cash prize of \$1,500.

The Frank Crossley Diversity Award joins the TMS Ellen Swallow Richards Diversity Award, also established through the generosity of Jeffrey and Geraldine Wadsworth. "These two complementary, yet unique, recognition opportunities, offered through the TMS Foundation, are important elements in TMS's ongoing efforts to advance diversity and inclusion in the minerals, metals, and materials professions," said James J. Robinson, TMS Executive Director. "Our intent is to highlight those who have broken down obstacles to participation in their professional community so that others can learn and be inspired to do the same."

To better complement the Crossley award, the focus of the Richards award has been refined to recognize the importance

of mentoring in overcoming diversity challenges. Specifically, the Richards award will honor an individual who "helped or inspired others to overcome personal, professional, educational, cultural, or institutional adversity to pursue a career in minerals, metals, and/or materials." The award recipient will receive a travel stipend of \$500.

Nominations for the 2016 Crossley and Richards awards are being accepted through April 1, 2015. For additional information, visit the TMS Professional Honors and Awards website at awards.tms.org.



Frank Crossley's contributions to advancing diversity and inclusion in the minerals, metals, and materials professions are being honored with the creation of the Frank Crossley Diversity Award. (Photo credit: Smithsonian Institution)