



Nikhil Trivedi
2016 President



Michele Lawrie-Munro
Executive Director

Report of the 2016 – 2017 AIME Leadership

The Year in Review

Solidifying New Governance

In 2016, AIME solidified its new governance structure and strategic direction. Along with AIME's Audit and Investment Committees, two new committees, History and Heritage and External Affairs, began operating. The former is focused on AIME awards and recognition, preserving and enhancing legacy, and special projects. The latter works on external awards & recognition, interaction with external entities, and collaborative programs. Representatives on each of AIME's Committees are shown in the following graphic:

AIME Committee Assignments 2016-2017

	= new appointment			
	Audit Committee	Investment Committee	History and Heritage Committee	External Affairs Committee
<i>Rules</i>	<i>President-Elect Chair</i>	<i>Treasurer Chair, President-Elect, One member from each MS Finance Staff</i>	<i>President-Elect Designate Chair</i>	<i>Past President Chair</i>
SPE	Kate Baker (Treasurer)	<u>Kate Baker (Chair)</u> Steve Byrne	<u>Roland Moreau (Chair)</u>	Behrooz Fattahi; Susan Howes
TMS	Hani Henein	Steve Reubi	Hani Henein	<u>Garry Warren (Chair)</u>
SME	Ta Li	Mike Hedges	George Luxbacher	Raja Ramani
AIST	<u>John Speer (Chair)</u>	John Speer; Mark Didiano	George Koenig	Kevin Zeik
			150th Planning Committee	Council of Excellence
SPE			Behrooz Fattahi, Jim Jordan	<u>Behrooz Fattahi (Lead)</u> Khalid Aziz, Ford Brett
TMS			Brajendra Mishra, Garry Warren	Dan Thoma, Bob Schull
SME			<u>George Luxbacher (Lead)</u> Nikhil Trivedi	Ponisseril Somasundaran, Ta Li
AIST			Alan Cramb, Ted Lyon	Kevin Zeik, Ted Lyon
			ETHW Council	ELA Advisory Task Force
SPE			<u>Michele Lawrie-Munro (Liaison)</u>	<u>Susan Howes (Lead); Roland Moreau</u>
TMS				Garry Warren
SME				
AIST				Kevin Zeik
				External Awards Task Force
SPE				
TMS				
SME				<u>Raja Ramani (Chair)</u>
AIST				

AIME Awards and Scholarships



AIME funds the **annual conference of 25 awards, including Honorary Membership, as well as 5 scholarships**. Many of these carry the namesake of icons within the AIME disciplines of mining, metallurgical, and petroleum engineering, the iron and steel industry, and materials science. Member Society staff and committees administer these for the AIME Board and the AIME President presents them during each annual conference. More information can be found at <http://aimhq.org/programs>.

Preserving and Enhancing AIME's Legacy

AIME continues to partner with 6 other groups to enhance the **Engineering and Technology History Wiki** (www.ethw.org). This invaluable resource contains articles, biographies, and interviews of important figures and historical events and innovations in multiple engineering disciplines. Staff recently uploaded [AIME Honorary Member, Robert Lee's oral history](#). There are also lesson plans and an interactive map of landmarks across the globe as well as a timeline of important milestones within particular disciplines over the course of human history. AIME is uploading its own and Member Society archives from its nearly 150 year history – most can be found under the main headings of “Materials” and “Energy”. Users can also create a free account to include their own autobiography or preserve their experiences.



Special History and Heritage Projects



AIME partnered with SME's Pennsylvania Anthracite section to host local and Member Society leadership dedicating a **roadside marker at the site of AIME's founding in Wilkes-Barre, PA** on May 16, 1871. The event included a reception and lunch and many speakers from AIME's groups, as well as local news coverage. Details can be found at <http://aimhq.org/events/gallery/aime-145th-anniversary-and-wyoming-valley-hotel-marker-dedication>.

The AIME Board approved support for a **video capture of the Woman's Auxiliary to the AIME (WAAIME) 100th Anniversary celebration** February 21, 2017 at SME's annual meeting in Denver. In addition, key members, past members, or relatives of past members were interviewed to preserve their memories of this dedicated, dynamic organization.

Beginning 2017, with the help of SME's Librarian, AIME will also produce **historical articles highlighting key members or innovations of the past**. These articles are intended to familiarize especially younger members with AIME's legacy leading up to its 150th anniversary in 2021 (just 4 years away!).



Interaction with External Entities



AIME and Member Society leadership represented the groups at [United Engineering Foundation \(UEF\)](#) Board and the [American Association of Engineering Societies \(AAES\)](#) meetings, fully engaging in the latter on a [Lifelong Learning working group](#). Partnering with the Department of Labor, they developed a general [Engineering Competency Model](#) for use by educators, counselors, employers, employees, and students across the profession.



AIME also attended other joint engineering society events in Washington, DC: the [National Academy of Engineering's](#) Convocation, Engineering Public Policy Symposium hosted by ASME, and [National Engineers Week Family Day outreach](#) as well as the Washington Award ceremony in Chicago, IL last February.

External Awards and Recognition



The AIME family submitted more worthy candidates for joint engineering awards than we have in many years and garnered participation by Member Society representatives on key joint committees. Notably, **Len Harris of SME and TMS was selected to receive** one of the highest honors in the engineering community, the [Hoover Award](#). AIME leadership presented it to him at SME's 2017 annual meeting "for his tireless, generous, and continuous efforts in hostile environments to improve community conditions, starting at mines in Peru and beyond leading to more humane living environments and enhanced futures for thousands of underprivileged children."

AAES also conferred the Kenneth Andrew Roe Award for promoting unity among the engineering societies **on AIME and TMS Past President, Brajendra Mishra**, at their annual banquet April 18, 2016 in Washington, DC. Details can be found at <http://www.aaes.org/awards>.

Finally, to help improve our success in garnering external awards for our members, Past AIME Trustee and Past President of SME, Raja Ramani, assisted AIME in creating an External Awards Matrix to detail the guidelines for nominating worthy candidates for 25 external awards available. Additional detail can be found at the bottom of <http://aimhq.org/programs-honors-awards>.

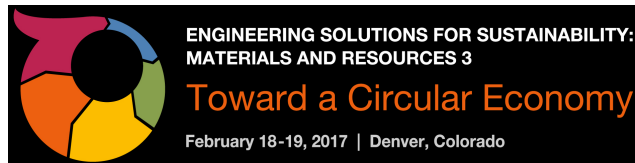


Collaborative Programs



AIME is one of 8 partners in the [Emerging Leaders Alliance \(ELA\) young leaders training](#). 2016 ELA was November 9-12 in Falls Church, VA. Given that the program is nearing its 10th year, AIME solicited SPE leader, Susan Howes, to conduct focus groups with key stakeholders to help improve the program and ensure sustainability. AIST staff manages the program for this important joint leadership initiative.

AIME is one of 7 partners in the Engineering Solutions for Sustainability efforts and provided a \$40,000 collaborative grant to support a [sustainability symposium](#). SME hosted the 3rd iteration February 18-19, 2017 in Denver, CO. This was a follow-on to a 2009 Lausanne workshop hosted by SPE and March 18-19 symposium at TMS' 2015 annual meeting in Orlando, FL.



A new initiative for 2017 is the **AIME Council of Excellence**, chaired by [AIME Past President from SPE, Behrooz Fattahi](#), and including two technical experts from each Member Society. This think tank is looking at potential technologies within the AIME disciplines that could have applicability within other disciplines or vice versa. The goals are to produce content for the Member Society publications, potential research projects for leading academic institutions, and collaborative efforts amongst the UEF Founder Societies and other entities.

Foundational Role

AIME's Investment and Audit Committees work hard to ensure that AIME can support its special initiatives as well as provide tangible monetary support to its Member Societies. Much of this comes from AIME's legacy relationship with the [Offshore Technology Conference](#) and its endowment funds.

AIME also provides **Member Society Direct grants** from any annual surplus. From 2016, AIME just issued \$85,000 checks to each Society. Of any remainder surplus, the Board can opt to distribute **AIME Common Interest Grants**. The Board allocated \$138,000 from end 2016. Half of these dollars will support a **150th anniversary celebration in 2021**. AIME [2012 President from SME, George Luxbacher](#), is chairing the planning committee of this joint Member Society event.

The AIME Board also agreed in March 2016 to become a **Member Society Foundation donor** giving \$1,000 to each group (which it repeated in 2017). It also provided \$1,000 to WAAIME for its 100th Anniversary celebration.

Two handwritten signatures in black ink. The first signature is "Nikhil Trivedi" and the second is "Michele Lawrie-Munro".

Nikhil Trivedi
2016 President

Michele Lawrie-Munro
Executive Director

President's Notes

August 2017

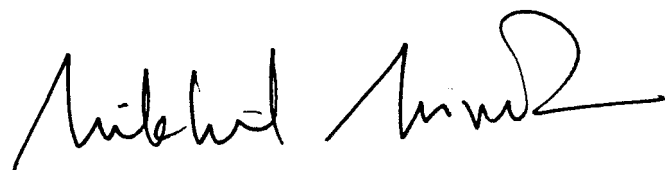
When I was a young foreign student at Mackay School of Mines at University of Nevada in Reno, my professor, Dr. Ross Smith, paid my membership dues as a student member of the Society for Mining, Metallurgy and Exploration (SME), a member society of AIME. I had absolutely no idea what a ride I was in for when I joined SME! But, I know today that it was an amazingly rewarding, fun-filled ride which took me to serving SME as its president in 2010 and subsequently to AIME as its president in 2016. As they say, "....the year goes by fast!" For me, the decades have gone by fast. That generosity shown by Prof. Smith has encouraged me throughout my life to serve my profession to the best of my ability.

For AIME, 2016 was a pivotal year. This was the first full year of financial performance of our new investment advisors. It was also the year when we formally initiated the activities of our Council of Excellence under the leadership of Dr. Behrooz Fattahi, AIME's 2014 president from SPE, and when we successfully conducted the third symposium in AIME's series on Engineering Solutions for Sustainability focusing on a Circular Economy. Needless to say, all of these activities have benefitted from numerous hours of many volunteers from our member societies as well as our partner societies.

My tenure on the AIME board has given me a unique opportunity to interact with a very dedicated group of fellow engineers and scientists with impressive credentials coupled with a keen desire to serve our profession in the best way. I have enjoyed their friendships and their constructive contributions to keep the AIME legacy alive and to keep AIME relevant to the future generation.

I want to take this opportunity to thank Dr. Garry Warren, 2015 AIME president, for his wise counsel throughout the year and for his unwavering commitment to AIME. I owe a deep sense of gratitude to Roland Moreau, AIME President elect from SPE, for taking on numerous assignments over the last year that made my job a lot easier. I have no words to express my gratitude to Michele Lawrie-Munro, AIME Executive Director, for her tireless work to keep all the balls in the air (and drop none).

I welcome Dr. John Speer as 2017 AIME president and pledge him my support. I know that AIME is in excellent hands. I am looking forward to celebrating AIME's 150th anniversary in Philadelphia on May 16, 2021.



2010 SME President
2016 AIME President