

# Minnesota Federation of Engineering, Science, and Technology Societies (MFESTS)



## 2015 Annual Report

This report describes the activities of MFESTS from January 1, 2015 thru December 31, 2015. The mission of MFESTS is to provide service to our member societies, to provide service to the citizens of the state of Minnesota, and to provide service to professionals in engineering related careers. This was accomplished through communication at meetings and through the MFESTS website awards for professional achievement, and partnering with other organizations for education outreach and joint cooperative events.

### Youth - Outreach

- Judged and awarded the 11<sup>th</sup> Annual MFESTS “Engineering Excellence” Special Award at the Minnesota Future Cities Regional Competition held Saturday, January 17<sup>th</sup>, 2015 at the University of Minnesota Science Teaching & Student Services (STSS) Building. The award is given to the team that best integrates the use of many different engineering disciplines, uses creative and practical engineering solutions and plans for future growth. This year’s award went to \_\_\_\_\_ School, \_\_\_\_\_ for their city of \_\_\_\_\_. Exceptional gift bags were provided to the team and MFESTS again financially contributed as a non-profit Bronze Sponsor. Kurt Nordstrom (ISA/INCOSE/MFESTS) was a judge at the event along with others from MFESTS.
- MFESTS again had a large participation at the 12<sup>th</sup> Annual E-week TechFest event held on Saturday, February 28<sup>th</sup>, 2015 at the Works Museum in Bloomington, MN. MFESTS volunteers and numerous organizations supported the event of 1,300+ attendees.
- Supported MN FIRST LEGO League for grades 4-9 through refereeing competition in January, November and December of 2015. Minnesota state competition is in February.
- Made financial contributions to the Math Counts Program

### Cross-Society Joint Interaction

- The 5<sup>th</sup> Annual MFESTS Society Summer Program Planners meeting was held on Wednesday, October 14, 2015 in the Ridgedale Library’s Large Meeting Room. Over 21 people attended and most of the MFESTS societies were represented at the meeting. The meeting started with a snowball networking/introduction exercise that was fun (for a networking opportunity). Karen Maskell gave an outstanding presentation “Change Management for Technical Societies.” Methods of handling change and communications with members regarding change were laid out and ranked by the attendees.
- MFESTS Societies were promoted at an MFESTS-staffed table of information at the Twin Cities ISA TechFair Tabletop Show at the Prom Center, 484 Inwood Avenue North, Oakdale, MN on Wednesday April 22, 2015.
- Three quarterly Board of Directors Meetings and four Executive Committee meetings were held. The June and April Board of Directors Meetings were held in May at the Bakken Museum where we were able to fill several large boxes with experiments we assembled for students.

- Cross–society events are/were posted on the [www.MFESTS.org](http://www.MFESTS.org) website calendar. The web page was redesigned by Jim Mosner after a hacker gained access to the calendar.

**Awards and Recognition**

The following MFESTS awards were judged and presented at the 2014 Engineers Week Celebration and Awards Banquet held at the Profile Event Center, Diamond Hall, 2630 University Ave SE, Minneapolis, MN Friday evening, February 28th, 2015.

- Two MFESTS Charles W. Britzius Distinguished Engineer Awards:

<b>Awardees</b>	<b>Nominating Society</b>
Paul Pasko, P.E.	Minnesota Society of Professional Engineers (MnSPE)
Thomas L. Crump, P.E.	American Society of Military Engineers, Minneapolis-St. Paul

- Two MFESTS Richard Alberg Distinguished Science and Technology Professional Awards:

<b>Awardees</b>	<b>Nominating Society</b>
Douglas Allen Hlavacek	American Society for Quality
Barbara Lunde, PhD, P.E.	Institute of Electrical and Electronics Engineers, Twin City Section

- Three nominees for Young Engineer of the Year. The nominees are listed below along with their nominating societies. Each nominee was recognized at the banquet.

<b>Nominee</b>	<b>Nominating Society</b>
Joseph G. Bentler, P.E.	Minnesota Geotechnical Society
Kerry Cooley Bruggemann, P.E.	Minnesota Society of Professional Engineers (MnSPE)
Jesus Monegro	Society of Hispanic Professional Engineers – Twin Cities Chapter

The Minnesota Young Engineer of the Year was awarded to Kerry Cooley Bruggemann nominated by the Minnesota Society of Professional Engineers.

- One nomination was received for the MFESTS Young Science and Technology Professional Award. The nominee is listed below along with her nominating society. The nominee was recognized at the banquet.

<b>Awardees</b>	<b>Nominating Society</b>
Annette Raigoza, PhD	Society of Hispanic Professional Engineers – Twin Cities

The Minnesota Young Science and Technology Professional or the Year Award was awarded to Annette Raigoza nominated by the Society of Hispanic Professional Engineers – Twin Cities.

All awardees from this year and past years are listed on the MFESTS website.

### **Membership**

The Minnesota Government Engineers Council withdrew from MFESTS membership this year.

### **MFESTS Website**

The MFESTS website, [www.MFESTS.org](http://www.MFESTS.org) was totally redesigned a second time to prevent malicious activity against the site. The calendar listings and promotions of society events were kept up to date with the help of Jim Mosner and Kurt Nordstrom.

### **MFESTS Social Media**

The MFESTS Facebook, <https://www.facebook.com/#!/MinnesotaFESTS> was launched this year. All societies without Facebook were encouraged to participate in this site to help leverage resources. We have 31 likes and photos posted from various events.

### **MFESTS Banquet**

The partnership was created in 2014 with IEEE for MFESTS year-end banquet continued this year. The event was held near the University of Minnesota and included some student displays. The event went well and was well received by all members.

### **Current Officers**

The officers from 2014 continued to support MFESTS this year, although Kalyani Mallela moved to Washington State with her family and filled her Awards responsibilities remotely for several months.

<b>MFESTS Executive Committee 2014-2015</b>		
<b><u>Office</u></b>	<b><u>Name</u></b>	<b><u>Society</u></b>
President	Steve Merriman	IEEE
1 <sup>st</sup> Vice President	Holly Kimball	SWE
2 <sup>nd</sup> Vice President	Kalyani Mallela	SWE
3 <sup>rd</sup> Vice President	Bob Hunter	INCOSE

Treasurer	Harry Schroeder	SME
Secretary	Antonio Sacin	SHPE-TC

Respectfully Submitted by the 2014-2015 MFESTS President,

Steve Merriman, P.E. (IEEE)