



St. Louis Section News

"The home of the American Society of Mechanical Engineers, St. Louis Section"

www.asmestlouis.org

November 2016

ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education and professional development programs provide a foundation for advancing technical knowledge and a safer world.

Next Section Meeting:

Bastian Solutions Tour

October 20th, 2016 @ 6:00pm

2200 Forte Ct

St. Louis, MO 63043

Next Board Meeting:

November 10th, 2016 @ 5:30pm

CJ Muggs

101 W Lockwood Ave, Webster Groves, MO

Table of Contents

• Bastian Solutions Tour	2
• Engineering Center Events 2016-2017	3
• 2nd Fridays - Engineer as Subcontractor	4
• Engineer's Club Holiday Party	5
• ASME Section Contributions	6
• Tom Bever Memorial ASME Scholarship	
• Student Section Website Offer	
• Brad Gilmer - Scholarship Recipient	7
• Engineering Center STEM Outreach Opportunity	
• ASME Auxiliary Scholarship Program	8
• St. Louis Section Events and Links	9
• ASME Referral Drive & ASME Special Offer	
• Next Board Meeting	10
• Officers	

Year At A Glance

Sept

Linkedin Workshop

Oct

Vodka Distillery Tour

Nov

Bastian Robotics

Dec

Wash. U. Materials Tour

Jan

*Automated Warehouse

Feb

*Choc. Choc. Choc. Tour

Mar

*Student Design Report

Apr

*Arch Reactor & SLSC

May

May Social

June

Student Workforce Intro

July

*Networking Event

Aug

Eng. Club Student

Sendoff BBQ

*Tentative



Bastian Solutions Tour



For the November event we will be visiting the robotics facility of Bastian Solutions in Maryland Heights, MO. Bastian Solutions is a leading systems integrator dedicated to helping customers increase their productivity through automation. They provide turnkey solutions from design engineering and simulations all the way through installation and project management. We will be receiving a tour of the robotics manufacturing facility, demonstration of robotic cells, and a presentation of emerging technologies in the automation industry. The tour will begin at 5pm on Tuesday November 15, 2016 and is expected to last around 2 hours.

November Event Details:

When: November 15th, 2016

4:30pm - 5:30pm Networking

5:00pm - 7:00pm Facility Tour

Where: Bastian Solutions

2200 Forte Ct

St. Louis, MO 63043

Closed toed shoes are required.

Soft drinks and snacks will be provided.

Cost: Free for ASME members, Students, and guests

RSVP: Please RSVP by Saturday, November 12th, 2016 by completing the form at ASMEStLouis.org or by email to mesrou_m@yahoo.com.

Please provide name(s); email address; phone number; whether ASME member, guest, or student; and total number of attendees. Please inform us if you have any special dietary needs.

Engineering Center Events 2016-2017

THE ENGINEERING CENTER

2016 - 2017

Events

Every Month

Second Friday
Professional
Development Seminars

Third Monday
Engineers' Club
Fellowship Night

YP Happy Hour
Held regularly
throughout the year

Friday, December 2, 2016

Annual Holiday Party, time and location TBD

Friday, January 27, 2017

Engineers' Club Trivia Night, The Engineering Center

Wednesday, February 22, 2017

Engineers' Week Luncheon, Clayton Plaza Hotel

Friday, April 7, 2017

Engineers' BBQ, The Engineering Center

Friday, June 2, 2017

Annual Dinner, The Engineering Center

Events at the Center help you grow and succeed. Widen your sphere of influence, develop relationships with other leaders and help build a stronger, more vibrant region.

For more information, visit engineeringcenter.org



Monday,
October 10

2016 Annual
Jake Jare Memorial
Golf Tournament
Whitmoor Country Club



2nd Fridays PDH Seminar - Engineer as Subcontractor



THE
ENGINEERING
CENTER



2ND FRIDAYS

PDH SEMINAR at The Engineering Center

Engineer as Subcontractor

- **Contract Provisions**
- **Payment Bonds**
- **Mechanic's lien**

- **Up to 3 PDH provided**

November 11 • 11 am – 2 pm

registration 10:30 am • lunch provided

\$25 members & affiliates (\$40 non-members)

register online: engineeringcenter.org/second-Fridays-calendar

4359 Lindell Blvd. • St. Louis, MO 63108 Reservations limited to 100 people. No shows will be billed.

Engineer's Club Holiday Party

THE ENGINEERS' CLUB OF ST. LOUIS

Holiday Party

Friday, December 2, 2016

URBAN CHESTNUT BREWERY- in the GROVE

4465 Manchester Avenue

7:00 –10:00 PM

Reservations required no later than November 21, 2016

\$35.00 per person includes hors d'oeuvres and Open Bar

Corporate Sponsors Needed!

*The Holiday Party Committee is seeking sponsors for hors d'oeuvres.
Sponsors will be recognized in December Newsletter & Holiday Party.
Contact Garry Aronberg - garonberg@hrgreen.com.*

Make checks payable to The Engineers' Club of St. Louis

4359 Lindell Boulevard, St. Louis, MO 63108 - \$35.00 per person

**Enclosed is my check for \$_____ for tickets to The Engineers' Club
Holiday Party.**

Name: _____ Phone No. _____

ASME Section Contributions

In past years, the St. Louis Section has covered section activities by receiving an allocation of funds from ASME National. This allocation was based on how active the section was and what types of events were hosted by the section (i.e. offering professional development and holding joint meetings with other engineering groups). Since 2014 year, ASME National has stopped contributing to the local sections and instituted regulations on how sections can spend their money. The section is now using money that was saved from past conferences held in St. Louis and contributions from members.

When completing your ASME renewal, please consider contributing to the St. Louis Section. This will help to sustain the group that has survived since 1909 and is run entirely by volunteers in the St. Louis area. You can contribute by completing the voluntary contribution for sections on the ASME renewal form.

We are also looking into the potential to utilize relevant sponsorships to help alleviate the continuing costs as well.

Tom Bever Memorial Undergraduate Scholarship



The St. Louis section will be accepting nominations for a \$500 undergraduate scholarship for the fall semester. In order to be considered, the student must submit the following by August 1st:

- Unofficial transcripts showing the student is an undergraduate pursuing a Bachelor's degree in Mechanical Engineering
- ASME student membership – include ASME membership number in submittal
- Submit a short essay describing outstanding accomplishments including volunteer roles in ASME (member of design team, officer positions held, etc.)

All materials should be entered on the www.asmestlouis.org website via the "Scholarship Application" link found on the main page. Selection will be based primarily on ASME volunteerism. Open to students attending a college in the St. Louis Section including: St. Louis University, Southern Illinois University Edwardsville, Missouri University of Science & Technology, Washington University, and University of Missouri in St. Louis.

Student Section Website Offer



The St. Louis Section is offering any regional student section their own page on our site complete with Google Calendar, Blogger, and section information in an effort to help the student sections keep organized even when they may lack the resources. If you know of a student member that would be interested, please have them contact us at asmestlouis@gmail.com.

Brad Gilmer

2015-16 Tom Bever Memorial Undergraduate Scholarship Recipient

ASME St. Louis would like to congratulate Brad Gilmer as the 2015-16 recipient of the Tom Bever Memorial Undergraduate Scholarship!



We had a number of great applicants this year and it was exciting to see the next generation of MEs being so active in their fields already. While all that applied were more than qualified, it was Brad's heavy experience in his local ASME Student Section that gave him the slight edge.

Some of his experiences include:

- Held Chair, Vice-Chair, and Fundraising Chair with the Missouri S&T ASME Student Section
- Chancellor's Leadership Academy
- Attended ASME's IMECE for the Student Leadership Conference
- Helped grow the chapter size and 3D Printing Design Competition threefold

Engineer's Club of St. Louis

Engineering Center STEM Outreach Opportunity

Dear Members,

The Engineering Center of St. Louis respectfully requests your support and participation in creating outreach into regional schools encouraging local students to pursue an education in high-demand STEM fields. The STEM Alliance has launched the STEM Alliance Speakers' & Mentors' Bureau with the mission to connect professionals into classrooms to inspire and encourage the next generation to continue taking steps along STEM pathways. It will provide valuable links to mentoring, scholarship opportunities, university connections, and eventually careers. Encouraging local students to follow STEM pathways in education will help to fill the STEM talent pipeline that is critically needed for the region to continue to grow and create prosperity for St. Louis. This is a call for volunteers to participate in the bureau. Please consider completing the attached application and forwarding it to joy.david@engineeringcenter.org. Thank you for your consideration and support to this much-needed community outreach program. Please feel free to forward the application to members, colleagues, and other STEM professionals you feel would be a valuable asset to this program.

Sincerely,
W. Dave Yates,
PE President

ASME Auxiliary Scholarship Program

From Arnie Feldman, Chair EED to all EED Members:

You are likely familiar with the scholarship programs that in the past were sponsored and administered by ASME. The ASME Auxiliary currently sponsors a Student Loan Program (SLP). The terms and conditions for the SLP have recently been revised to make these loans more widely available to students in need of financial assistance to complete their degree requirements. Loan repayment terms have been revised to make it easier for students to find employment and to establish their careers or to complete graduate studies before beginning to repay their loans. The guidelines and loan application are attached to this email and also available at go.asme.org/loans.

The major points of this loan program are:

1. Maximum of loan amount of \$5,000 per student
2. Available to ASME Members or Student Members who are US citizens or permanent residents majoring in Mechanical Engineering or a closely related program
3. Loan interest at 4% on the outstanding loan principal
4. Loan interest does not begin accumulating until the first of the month immediately following graduation, change or termination of student status
5. Loan plus accrued interest is to be paid in thirty-six (36) equal consecutive monthly payments commencing within six (6) months after graduation. There is no penalty for early repayment.
6. Students must be an ASME Member or Student Member in good standing for at least one year and until the loan is paid in full.
7. Student must be enrolled in full-time academic studies in the U.S and making satisfactory progress in his or her degree program
8. Have a minimum GPA of:
 - 2.20 on a 0 to 4.00 scale - (Undergraduate Students)
 - 3.20 on a 0 to 4.00 scale - (Graduate Students)
9. Student must have a demonstrated financial need and have a written letter of recommendation from the Chair of the Department, the Dean of Engineering, or Faculty Advisor of ASME Student Section.
10. A one time graduate education extension may be awarded to qualified students.

Please inform all students in your programs who you feel qualify for these loans to submit an application, or to request additional information.

Ed Seiders

ASME Auxiliary Student Loan Treasurer

email: seiderse@asme.org

St. Louis Section Events and Links

The St. Louis Section is continuously looking for new events and activities to offer members. This includes tours and presentations. If you have ideas or would be interested in being an event captain please contact any of the officers on the next page.

Check us out online at the following links

- Main Website
www.asmestlouis.org
- ASME Community Section Page
https://community.asme.org/st_louis_section/default.aspx
- LinkedIn Page
https://www.linkedin.com/groups?goback=%2Egmp_4115637&gid=4115637

ASME Referral Drive & ASME Special Offer

From ASME:

“
As a valued ASME Section Member, we are requesting your assistance to help us spread the word to non-members about two exceptional opportunities we have for them to join ASME:

1. The ASME Referral Drive: Current members can simply provide us with the names and email addresses of their non-member peers and colleagues and we do the rest! The prospective member will receive a special discount offer to join ASME including a free gift, and the referring member may also be eligible to earn great prizes when they do. Please encourage your section members to make their referrals today at: <http://go.asme.org/ReferralDrive>

- and -

2. The ASME Join Today Special Offer: Members can also share the ASME Join Today Special Offer URL directly with friends and co-workers by: email; placing it on their university or company intranet; posting it to their favorite social networks such as Facebook, Twitter, Google+ and LinkedIn, or however they wish! Joiners will enjoy a special dues discount plus a free gift. Please urge your section members to post this special offer URL in as many appropriate venues as they can: <http://go.asme.org/JoinToday>

We rely heavily on your ongoing support to introduce ASME Membership to as many prospective members as possible, and we thank you in advance for your help in spreading the word about these very special membership opportunities - each of which include a generous **25% dues discount** plus a **free ASME bag** for new members!

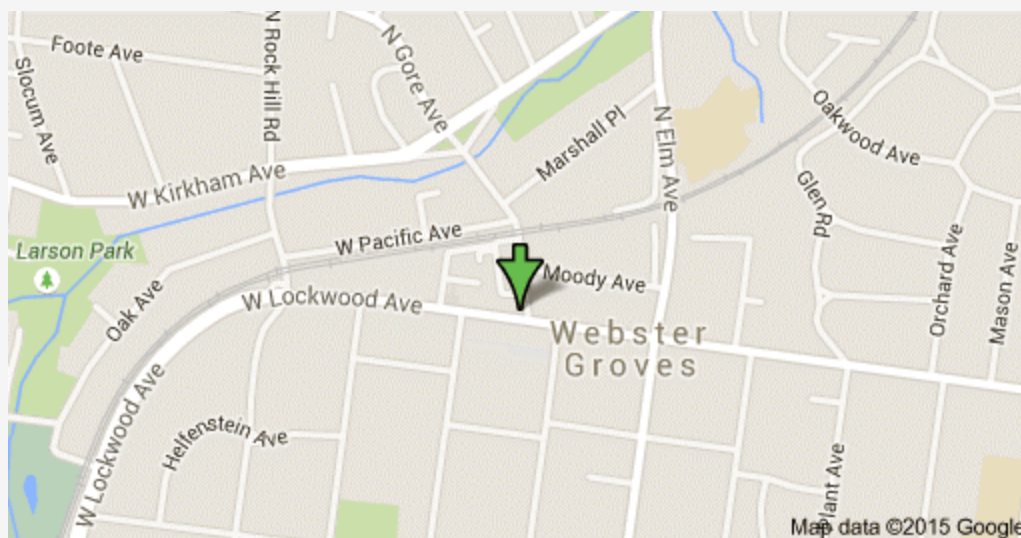
”



Two Great Ways
to **Help ASME**
Grow Membership!

Next Board Meeting

Please join us at the next Board Meeting on Thursday, November 10th at 5:30pm
Location: CJ Muggs Bar & Grill, 101 W. Lockwood, Webster Groves, Missouri 63119
Restaurant contact: (314) 963-1976 CJ Muggs Webster Groves; <http://www.cjmuggs.com>
Please contact any of the board members for more details.



Officers

Chair/Webmaster Brad Tissi HTE Technologies, Inc. btissi@gmail.com	Vice Chair Mesrou Mehmed Weissman's Theatrical Supplies, Inc. mesrou_m@yahoo.com	Treasurer Paul Hibbeln Medtronic hibbelnp@gmail.com
Secretary Louie Woodhams Washington University louis.woodhams@gmail.com	Past Chair Jerry Brooks Becton, Dickinson and Co. jerryb150@gmail.com	Student Liaison Ryan Neil Tetra Tech, Inc. ryanneil84@hotmail.com
	Historian John Saufnauer Retired johnsaufnauer3@att.net	