

# St. Louis Section News

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

www.asmestlouis.org

October 2017

**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:

### **Past Chair Event and Civil Life Brewery Tour**

October 18, 2017 @ 5:30PM

4215 Rider Trail North

St. Louis, Missouri, 63045-1106 USA

## Next Board Meeting:

October 11th, 2017 @ 5:45pm

CJ Muggs

101 W Lockwood Ave, Webster Groves, MO

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## **Year At A Glance**

### **Oct**

Past chair event @ Civil Life Brewery

### **Nov**

Makerspace visit @ Science Center\*

### **Dec**

YEC Happy Hour/  
Networking event @ Tapped

### **Jan**

Student design presentations @ Engineers Club

### **Feb**

Bissinger's Chocolate\*

### **March**

Mechanical/ Environmental Overview

### **Apr**

Watlow\*

### **May**

May Social

### **June**

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### **July**

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\*Tentative



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## Civil Life Brewing Company & Past Chair's Night

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Come join us Wednesday, October 18<sup>th</sup>, for dinner and a tour of the Civil Life Brewing Company. Civil life has been in operation for over five years and is the winner of a gold medal at the Great American Beer Festival. Civil Life is truly a unique brewery and pub that has grown its operation steadily since it began. Civil life now produces draft beer for over 200 local restaurants and bars, cans beer on site, and does all of this while drawing 35-40% of its electricity from roof mounted solar panels.

The price for this event is \$10, which includes dinner and soft drinks. Beer and wine are not included, but are available for purchase at the bar (1/2 pints of all beers \$2.50). *Please note: Civil Life Brewery is a cash-only establishment! Credit cards are not accepted.*

### Menu:

Appetizer assortment: Pretzels, Hummus and Pita, Spiced nuts  
Sandwiches/Main Course: (Each Pick One)  
Salad (Spinach Salad with Smoked Chicken or Vegetarian Option)  
Smoked Chicken Salad Sandwich  
Veggie Club Sandwich  
Turkey Club Sandwich

### Schedule:

6:00 – 7:00pm	Dinner
7:00 – 7:30pm	Brewery tour
7:30 – 9:00pm	Stay and try some beers if you like

RSVP: Please RSVP by Friday, October 13<sup>th</sup>, through [THIS LINK](#), or email Louis Woodhams at [louis.woodhams@gmail.com](mailto:louis.woodhams@gmail.com). Be sure to include the number of attendees and any special dietary restrictions or preferences. At the request of Civil Life Brewing Company, this event will be limited to 24 persons.

<http://www.thecivillife.com/>  
3714 Holt Ave. St. Louis, Mo 63116

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## Chair's Corner

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Dear ASME St Louis members,

Allow me to share some of my first impressions and give you firsthand insights to the upcoming year. We had a great start of the year. Our first section meeting was a visit to CME, Central Mining Equipment Company, coordinated by AEG and their representative Stephanie Kline-Tissi. CME is a local family owned company and many would call it a first class citizen of our region. Many of the professionals there have been long time employees and proud of the company achievements, numerous unique developments and engineering patents in the mining industry. Big thank you to CME and AEG for giving us this opportunity.

The ASME section board is working to organize more visits of this nature. We are planning visits to a packaging supply manufacturer, the engineering firm Watlow and the Bissinger's chocolate factory in February.

In addition we are working to organize a networking event in December, the traditional Student design presentation in January and let us not forget our May social.

We are also considering ideas such as featuring regional Student chapters and Young Engineers in this newsletter and on our website. Our contribution to the region can be also expanded with a Volunteering event during the Spring of 2018.

Please give us a call or write us an email and share your comments and ideas.

Sincerely,

Mesrou K Mehmed  
Chair of ASME St Louis

# YEC Happy Hour



## YEC HAPPY HOUR



SPONSORED BY:



**WHERE:**        **Tapped**  
                     7278 MANCHESTER RD  
                     MAPLEWOOD, MO 63143

**WHEN:**        **Thursday, December 7<sup>th</sup>, 2017**  
                     (5:00 PM TO 7:00 PM)

- Come join us for an evening of fun and fellowship sponsored by American Society of Mechanical Engineers.
- Everyone will get two free beers!
- Happy hours are a great place to meet other young engineering professionals in the St. Louis Area.
- Bring a friend and they will get a YEC Koozie!

### **ANY QUESTIONS?**

PLEASE FEEL FREE TO CONTACT **ERICA RIDGWAY** OR **ALLISON MORRIS**

AT [ERIDGWAY@ACCENG.COM](mailto:ERIDGWAY@ACCENG.COM) OR [AAMORRIS@BURNISMCD.COM](mailto:AAMORRIS@BURNISMCD.COM)

# 25th Annual Jake Jare Golf Tournament



**Presents the 25th Annual**



**Monday, October 9, 2017  
Whitmoor Country Club  
St. Charles, MO**

## **Tournament Schedule:**

**9:30 am Registration**

**10:00 am Boxed Lunch**

**Bloody Mary Bar**  
*sponsored by CH2M*

**11:00 am Shotgun Start**  
*Refreshments provided on course*

**5:00 pm \$50,000 Hole-in-One Shoot-out Contest**  
*sponsored by Geotechnology*

**Open Bar** *immediately following golf*

**6:00 pm Awards Dinner**



## **Sponsorship Information**

### **Special Sponsor \$2,000+**

*Includes Company Logo on every hole sign and on Display Banner, recognition at dinner and in the program, hole sign on BOTH courses, and Company Name and logo recognized on website.*

### **Brian Hoelscher**

### **Major Benefactor \$1,000+**

*Includes Company Logo on Display Banner, recognition in the program and at Awards Dinner, hole sign on BOTH courses, and Name on website.*

### **Benefactor \$500**

*Includes hole sign on BOTH courses, Name in the program and Name on website.*

### **Contributor \$250**

*Includes hole sign on one course, Name in the program and Name on website.*

### **Friend of the Foundation \$100**

*Your name in the program and on website.  
(For Individuals only)*

*For a complete list of sponsors please visit  
[www.engineeringcenter.org](http://www.engineeringcenter.org) and [www.engineersclub.net](http://www.engineersclub.net)*

**Whitmoor is a  
soft-spike  
facility**





## 2017 Engineering Olympic Games



# 2017 ENGINEERING OLYMPIC GAMES

AT THE  **THE ENGINEERING CENTER**  
4359 LINDELL BLVD \* ST. LOUIS

**\$50**  
per player  
**INCLUDES:**

- SWEATBANDS
- LUNCH
- BEER & SODA
- ENTRY

**COME TAKE THE GOLD!**

**MEDALS FOR 1-2-3 PLACES**

**SATURDAY  
OCT. 21ST**

**A day-long decathlon!**

**Teams to be selected by random draw!**

**9:30 AM** REGISTRATION & TEAM RANDOM DRAFT  
**10:30 AM** GAMES BEGIN  
**12:45 PM** LUNCH & TRIVIA  
**2:00 PM** GAMES RESUME  
**4:30 PM** MEDAL CEREMONY

**Event and Game sponsorships available. Contact Joy David at [joy.david@engineeringcenter.org](mailto:joy.david@engineeringcenter.org) or call 314-533-9336 for more information.**

All proceeds benefit the Engineering Center of St. Louis Capital Campaign Fund. The Engineering Center is a 501(c)(3) not-for-profit organization. Your contribution is tax-deductible.

**WASHERS**

**BILLIARDS**

**YAHTZEE**

**CORNHOLE**

**TRIVIA**

**PUTT PUTT**

**DARTS**

**PUZZLES**

## 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 1<sup>st</sup>:

- 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](http://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.

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# ASME Auxiliary Scholarship Program

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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](http://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](mailto:seiderse@asme.org)

# 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](mailto: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

## Young Engineer and Student Section Website Offer



The St. Louis Section is offering any regional student section and young engineers monthly feature on our website. Your page will be complete with Google Calendar, Blogger and interests information in an effort to help the student sections and professionals entering the workforce, to 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 [asimestlouis@gmail.com](mailto:asimestlouis@gmail.com).

## Job Offers

Southern Illinois University - Edwardsville

Position Title: Instructor-Lab Manager

Hiring Unit: School of Engineering, Mechanical & Industrial Engineering

<http://www.siu.edu/employment/employmentopportunities/engineering/FY17-072.shtml#instructor-lab-manager>

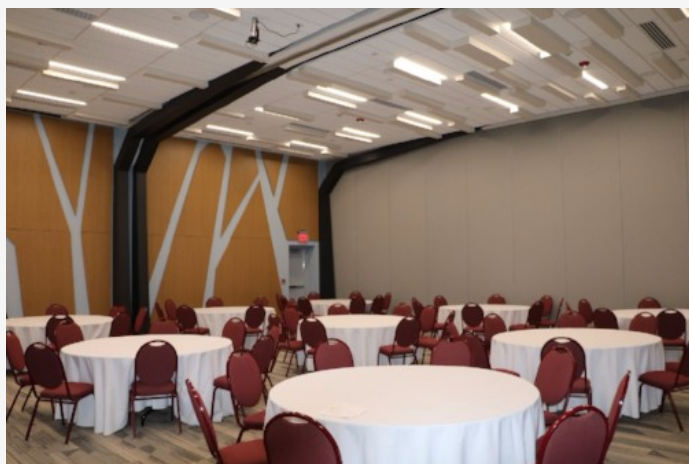


# Engineering Center Phase 1 Completion

## ENGINEERING CENTER RIBBON CUTTING

*Highlights - July 13th, 2017*

The Engineering Center of St. Louis celebrated the completion of Phase 1 of a historic Capital Improvements Program. With construction work by United Construction, the first phase of the project converted the building's auditorium into a technologically advanced meeting space. The renovation project, designed by REMIGER DESIGN, seeks to give the center a new face for the engineering profession in St. Louis and creates a flexible and modern environment that will be used by the Center to collaborate with its affiliated organizations, partner with local schools and businesses and encourage greater student development in science, technology, engineering and math (STEM).



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## ASME Section Contributions

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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.

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## St. Louis Section Events and Links

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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](http://www.asmestlouis.org)
- ASME Community Section Page  
[https://community.asme.org/st\\_louis\\_section/default.aspx](https://community.asme.org/st_louis_section/default.aspx)
- LinkedIn Page  
[https://www.linkedin.com/groups?goback=%2Egmp\\_4115637&gid=4115637](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!

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

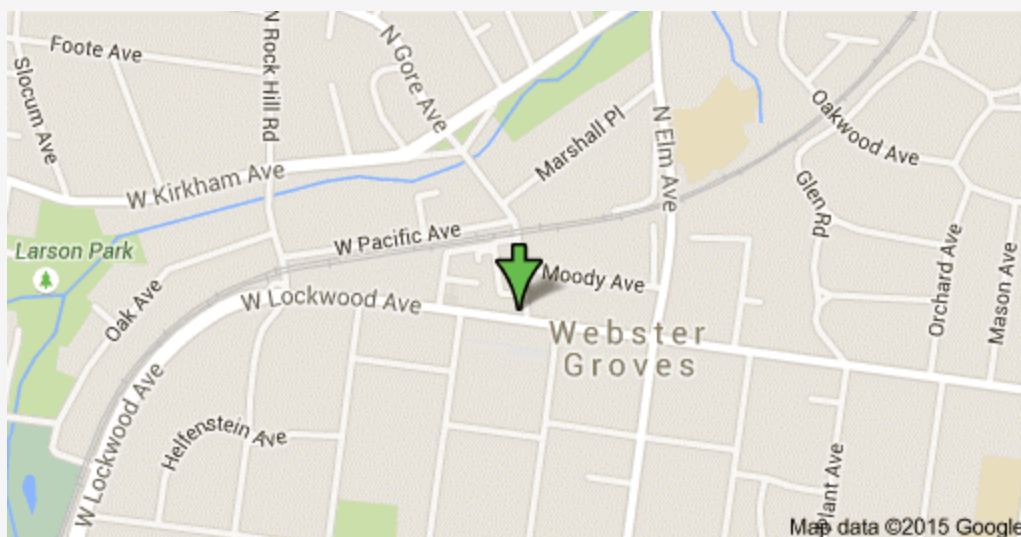
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## Next Board Meeting

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Please join us at the next Board Meeting on **Wednesday, October 11th @ 5:45pm**

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.



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## Officers

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<b>Chair</b> Mesrou Mehmed Weissman's Theatrical Supplies, Inc. <a href="mailto:mesrou_m@yahoo.com">mesrou_m@yahoo.com</a>	<b>Vice Chair</b> Paul Hibbeln Medtronic <a href="mailto:hibbelnp@gmail.com">hibbelnp@gmail.com</a>	<b>Treasurer</b> Louie Woodhams Washington University <a href="mailto:louis.woodhams@gmail.com">louis.woodhams@gmail.com</a>
<b>Secretary</b> Igor Povarich Watlow <a href="mailto:IPovarich@watlow.com">IPovarich@watlow.com</a>	<b>Past Chair/Webmaster</b> Brad Tissi HTE Technologies, Inc. <a href="mailto:btissi@gmail.com">btissi@gmail.com</a>	<b>Student Liaison</b> Ryan Neil Tetra Tech, Inc. <a href="mailto:ryanneil84@hotmail.com">ryanneil84@hotmail.com</a>
	<b>Historian</b> John Saufnauer Retired <a href="mailto:johnsaufnauer3@att.net">johnsaufnauer3@att.net</a>	