President’s Letter

These chilly days have reminded us that Fall has officially arrived. It has been a busy year with a successful SWE-MN Open House on August 15 followed by a great event volunteering for STEM Day at the State Fair on August 22. Both of these have been our annual events and we clearly raised the bar this year. Our Membership co-chairs have done a great job of organizing our first Networking Happy Hour for the year on September 16. Thanks to our PD co-chairs for following up with an exciting and eventful tour of Ecolab which included a tour of their R&D Facility. It was nice to meet new people and am excited to see all the things this dynamic Executive Council is doing and are yet to happen.

I just returned from a road trip to Rockford, IL where we had our Region H HART Meeting. I represented SWE-MN along with our Section Reps, Lynn Davenport & Cathy Krier. The best practice sharing and discussions with leaders from other SWE sections was fruitful. You can read a full report later on in this newsletter.

WE13, SWE Annual conference is just a month away and I am so excited!!! This is my fifth year attending as a professional and each year I leave being inspired and energized. The experience is more fun because you are part of SWE-MN :) We attend all the special events together and also have a social hour during conference for us to connect. If you are going to Baltimore, be sure to check out the following events and let us know by completing the SWE-MN Survey. Our membership co-chairs are planning the social hour and will keep you posted.

- iScream Social – Wednesday Evening
- Keynote Breakfast/Speaker – Thursday Morning
- Region H Joint/Professional Meeting – Thursday Afternoon
- Awards Banquet – Friday Evening
- Celebrate SWE – Saturday Evening

Apart from the Annual Conference, we have plenty of things going on in Minnesota during the month of October. Mark your calendars for our networking lunches, and our PD Tour. Hope to see you all at our upcoming events. Please send me an email if you have any questions or concerns.

~Kalyani
president@swe-mn.org
An MFESTS Update

As SWE-MN Vice President, I am your MFESTS Representative. The Minnesota Federation of Engineering, Science, and Technology Societies (MFESTS) is an umbrella organization comprised of engineering-related member societies within the State of Minnesota. There currently are eighteen societies/chapters, representing approximately 6,000 individuals, that are members of MFESTS.

In the recent meeting of the council, it was decided to dispel the current MFESTS Awards Banquet and instead, partner with IEEE in this event. The joint banquet is scheduled for February 22, 2014 at the University of St. Thomas.

Also, I am pleased to announce that MFESTS is taking nominations for their Executive Committee. Open positions include 1st VP and Awards Chair, 2nd VP and Membership Chair, Secretary and Treasurer. The term of office for all positions of the Executive Committee is for two (2) calendar years, beginning in an even numbered year and ending in the odd numbered year. The incoming Executive Committee is voted on at the December Board of Directors Meeting on the odd numbered year, begins exercising its roles and responsibilities at the January Executive Committee Transition Meeting on the even numbered year, and is formally installed as the first matter of business at the March Board of Directors Meeting on the even numbered year. The outgoing Executive Committee relinquishes their roles automatically at the onset of the January Executive Committee Transition Meeting on the even numbered year. MFESTS highly encourages SWE members of interest to apply. Nominations are open until November 1, 2013. Please contact me with questions!

Enjoy the beautiful fall weather,
Tricia Walker
SWE-MN Vice President
patriciawalker77@gmail.com

Here are the EC Recognition Notes from this month’s EC Meeting. Way to go EC Members!

-Congrats to all those starting new jobs this month! -Awesome PD Events this fall!
-Thanks Erin and Jessie for a great tour at Ecolab! -Great job at the Open House!
-I love all the pictures on Facebook! Great Job Sherri! -Thank you for all your help with the Section Report this month!
-Kudos to Kalyani for her great leadership as President!
Awards Update

It is encouraging to see SWE members step up to apply for the New Faces of Engineering Award and to assist fellow members in preparing their application package. It speaks volumes about our members intent to demonstrate their belief in SWE core values.

Although there is interest, I urge members to adopt a more proactive approach to inquire about awards and see how they would qualify.

In the coming weeks I will be working with our Chapter’s President in creating some additional buzz on upcoming awards. Stay tuned to SWE announcements/newsletters to find out more.

New Faces of Engineering! Deadline is October 18, 2013. The New Faces of Engineering Program strives to promote the accomplishments of young engineers by highlighting their engineering contributions and the resulting impact on society. Please contact me before Sept 30th to find out more about the selection criteria to see if you qualify.

~Jessie Narr
Awards@swe-mn.org

FY14 Sponsorship

For more information on how to become a SWE-MN Sponsor, check out our Sponsorship Opportunities here.
Minnesota SWE Kicks Off Section Advisory Council

Last May, the SWE MN executive council voted to create an advisory council to provide ideas, advice and guidance to the section’s officers and leaders. August 21 saw the inaugural meeting of the MN SWE Advisory Council! Founding members of the council include Sara Beck, Elizabeth Bierman, Naomi Brill, Maggie Hickel, Allison Pedersen, Alyse Stofer and Karen Zais. These experienced SWE leaders met with president Kalyani Mallela and vice president Patricia Walker to exchange ideas on how the new council can best help the section leadership to maximize the potential of our section. Section officers want to develop plans to grow membership and improve professional development opportunities. The council feels these are reasonable goals, and will be helping our EC develop strategic plans to move us forward. The advisory council will be meeting monthly; look for further updates in the newsletter. Comments and feedback from section members are welcome—direct them to council liaison, Patricia Walker, or interim council chair, Naomi Brill.

~Naomi Brill and Tricia Walker
vp@swe-mn.org
naomiswe@yahoo.com

Are you attending WE13?? Yes, then let us know!!

For all SWE-MN members that are attending the WE13 Conference in Baltimore October 24-26th, please take a few minutes to fill out this survey so we can coordinate hotel rooms, happy hours, etc within our SWE-MN membership.

Send any questions to membership@swe-mn.org.
Membership Committee News and Upcoming Events

Thank you to all who joined us in September for our Happy Hour! We look forward to hosting more Happy Hours around the Twin Cities later this year.

If you didn’t renew your SWE Membership by September 30th, you’ve been dropped from our roster!! Be sure to renew ASAP to keep connected to all of the great benefits SWE has to offer. Contact us or visit swe.org today!

Mark your calendars for our upcoming events planned for the fall:

♦ Career & Networking Expo: November 9th at the Westin Hotel in Edina
♦ Feed My Starving Children Volunteering: November 20th in Chanhassen
♦ Holiday Party: December 9th

More information about these events will be coming in the weekly emails!

We look forward to working with you throughout the year!

~Kristin and Claire, membership@swe-mn.org

Scholarship News

The Fall Semester 2014 SWE-MN Scholarship program is well underway. We are working with current corporate partners and some potential new partners for donations towards this year’s scholarships.

The SWE-MN Scholarship program serves women students in engineering and computer science at schools in Minnesota, North Dakota and South Dakota with accredited programs. Corporate partners are asked to provide a donation of at least $1,000 per named scholarship and may specify the discipline of study of the woman who receives their scholarship(s). This is a great way for companies to create a higher profile with the students at the 11 schools in our program service area, where companies may not recruit in person. We advertise our scholarships and sponsors on the SWE-MN website, in written materials that go out to each school and SWE section, and in a number of emails that announce the program.

Our deadline for donations is quickly approaching. If you know a company that might be interested in participating in our program, please provide that information us and we will pursue the contact.

~Naomi and Erica, scholarships@swe-mn.org
We had a great turn out of about 25 people for our September PD event at Ecolab in Eagan, MN. Ecolab was a great host! We went on a tour around their R&D building. While on this tour, we were able to see their different areas of their business such as restaurants, hotels, pest control, pipe build-up reduction and medical supplies for ORs. The tour guides explained to us the importance of analyzing samples they receive from customers and actively figuring out the cause such as the marble tile in Lambeau field and why they were seeing erosion. This was due to the acidic tendencies of food and beverages; Ecolab was able to suggest a better floor to use that would be able to withstand that environment. We listened to a presentation about their drive in the industry to train customers the proper ways of using their products and best practices within each industry. Their global movements all around the world are growing; they recently opened a division in Shanghai. They are a leader in their industry and strive for customer satisfaction. We saw firsthand a manufacturing area that they use for prototyping before making a large scale assembly line.
Twins Stadium Tour!

Please join SWE-MN for a tour of the engineering and architecture of Target Field

**When:** Tuesday, October 29th at 6 P.M.
- The tour lasts approx. 120-150 minutes

**Where:** Target Field
1 Twins Way,
Minneapolis, MN 55403
Note: Please meet near the Majestic Pro Shop by Gate 29.

**Who:** Family and Friends are welcome!
- Due to the length of the tour and technical content, we recommend kids being at least 10 years of age, but we will leave that up to you!

**Cost:** $10 per person. Payment may be made at the event. Cash only.

**RSVP’s for this event should be sent to** pd@swe-mn.org
**no later than October 24th.**

Please plan on eating before or after the event.
News from your SWE-MN Section Representatives

What a busy time of year! All schools have started back, Open Houses are done, and we are well into the SWE year. Right now, we hope many of you are preparing for a trip to Baltimore for WE13. Make sure to fill out the survey from membership that you’ve seen in weekly emails—that will get you connected with SWE-MN before and during the conference. Put it on your agenda to attend the Region H meeting. It’s a great insight to how SWE works!

The annual leadership training session Heartland Area Roundtable summit (HART) was hosted by the Chicago section this year in Rockford IL September 21, 2013. Kalyani, Lynn and Cathy attended on behalf of SWE-MN as well as Society President Elect Elizabeth Bierman. This year offered a special treat with UTC Aerospace hosting a tour at the Rockford IL facility. Saturday morning brought a great speaker from UTC Aerospace and a tour with stops meeting many interesting engineers from design to manufacturing and even a lab that contained what equated to a full 787 aircraft! Saturday afternoon was SWE business where all the representatives in attendance were able to hear and discuss what is going on at a region and society levels. During Region H business we discussed goals for the year, updates to some procedures at the region as well as society levels, and shared best practices.

There are still Region committees looking for members. If you are interested in participating in something with low to mid demand, please email us at sectionrep@swe-mn.org.

Outreach News

STEM Day at The Fair Event Recap
The Works booth had two activities - prism glasses and magnetic building pieces. The kids were learning about prisms splitting white light into the rainbow colors, and were able to color frames with prism lenses to take home. For the other task, the kids could build structures of various shapes with magnetic rods and balls, and there was a lot of discussion around the most stable designs. The volunteers facilitated the kids doing these tasks, as well as replenishing supplies, and talked with the parents about The Works museum, SWE, and STEM information in general. We love The Works, and enjoy partnering with them in many capacities. Great use of time!” We had 7 volunteers from SWE-MN.

If you are interested in being added to the SWE-MN Outreach Distribution List or volunteering for any upcoming events, please contact us today!

Check out the flyer on the following page to learn more about our upcoming Girl Scout Patch Day! Volunteers Needed!

~Holly and Leah, outreach@swe-mn.org

SWE-MN Section Reps and President at HART Conference in Rockford, IL

~Cathy and Lynn
Volunteer with SWE at “Design Your Future” event, experiment and share engineering with 200 Junior (4-5 grade) Girl Scouts earning the Product Designer Badge!

Volunteers will receive breakfast, lunch and an event t-shirt.

Hands-on-Experiments:
- S’Mores Packaging (Package Engineering)
- Geodomes (Civil Engineering)
- Bath Scrub (Chemical Engineering)
- Brilliant Bracelets (Industrial Engineering)

Time:  
Event November 2, 8:30 am—2:00 pm
Setup November 1, 5:30 pm —8:00pm

Location:  
Boston Scientific CRM, Building 3
4100 Hamline Ave N, St Paul, MN 55112

Sign-up or Questions: Email Claire at volunteer@swe-mn.org
Growing up, I frequently changed my mind about my future career. From journalist to nutritionist, I was all over the board. Throughout high school I loved science and math, but I still didn’t know for sure what I wanted to do. From my brother and my dad’s influence, an electrical engineer and a computer scientist, I ended up in engineering. Even after I settled on engineering, I switched majors a few times before deciding on Mechanical Engineering.

I knew from a young age that being a Gopher was the only option for me. It was the only school I applied to, and thankfully was accepted. Most of my time in college was filled with student group activities, mostly SWE. My favorite SWE events to host were Bagels and Coffee with the Erins, an event I hosted with my good friend and SWE partner Erin Syverson. Erin and I were Bottomless Mug members at Bruegger’s throughout college, and spent lots of long hours studying at the Bruegger’s on campus. Those study sessions frequently disintegrated into SWE planning meetings.

After graduation this past May, I accepted a job with Rosemount Measurement – Emerson Process Management as a Supplier Performance Engineer. Having completed a co-op with Rosemount, I knew I enjoyed working for the company, and was excited to starting there full time. In my current role, I balance utilizing my technical knowledge from school with learning the business aspects behind supply chain – something I’ve really enjoyed the past few months!

I’ve recently caught a serious travel bug – in the past year I’ve visited Cleveland, Houston (WE12!), Boston twice, Chicago twice, Philadelphia, New York City, and I have another trip to NYC planned for this October. I’m looking forward to planning more trips in the coming years. When I’m not travelling, I’m training for various races – I’ve completed 5 half marathons so far, and have a full marathon in my sites for next year!
This fall SWE-MN will be launching our new website!

Be sure to check your email for an announcement when it is live!
2013 HIGH-TECH CAREER EXPO

HOSTED BY THE SOCIETY OF WOMEN ENGINEERS - MN SECTION

WHEN
November 9th, 2013
Job Fair: 1 - 5pm
- Includes 20+ Employers & Grad Schools
Networking: 3 - 5pm
- Free appetizers and cash bar

WHERE
The Westin Edina Galleria
3201 Galleria, Edina, MN 55435

Make Connections. Make History
www.swe-mn.org/careerexpo

Questions?
careerexpo@swe-mn.org

EMPLOYERS INCLUDE:

Open to all men, women, professionals, & students in STEM --Science, Tech, Engr, + Math-- Fields

Free for Professionals and Networkers
Looking for Member News:
Recently got a new job or promotion? New marriage, child, grandchild? If so, we’d love to hear about it!
Send in your exciting Member News to newsletter@swe-mn.org to be included in the next newsletter.

Congrats to SWE-MN Member, Janell Hibbard, for completing the Madison Ironman this September!

Congrats to SWE-MN Member and U of MN Counselor, Charlene Willenbring, on her recent promotion to Business Development Manager at UTC Aerospace Systems!

Congrats to former SWE-MN Member, Holli Pheil on her recent move to Portland and new job at Nike!

Congrats to SWE-MN Member and Social Media Chair, Holly Kimball, on her new job at Boston Scientific!

Congrats to SWE-MN Newsletter Editor, Lesley Wyckoff, on her recent engagement!