Hello SWE-MN,

Yes! Finally the nice weather has arrived in Minnesota! I have appreciated this year so far with less travel and I am incredibly proud of the accomplishments of SWE-MN. As we roll through banquets season, I am reflecting on our sections energy and growth, and am just as enthusiastic about the next fiscal year as I was with the start of this one. We are coming up to the SWE Scholarship & Awards Banquet on May 26. I find our scholarship programs so motivational, please be sure to take a look later in the newsletter for the details. Huge congratulations to all of our winners, I am glad we could play a small part in your college journey and hope that we can continue to be a supporting network for you as you move through college and into careers - we’re so proud of you!

Thanks to our many volunteers who have attended recent Outreach events, including our largest of the year—Wow! That’s Engineering where over 40 volunteers made an overall awesome day!

On the professional planning side, will you attend WE16? (October 27-29, Philadelphia) Setting aside time for intentional professional/personal development can be difficult, WE16 could be a great option for you. I like to take away a couple nuggets of each session I attend to apply back home. Stay tuned as the schedule develops at http://we16.swe.org/. Talk with you manager to see if corporate sponsorship is an option; many also receive sponsorship through participation in company recruitment.

While we may be calming down some of the SWE activities as our Executive Council transitions and plans for the coming fiscal year, there will still be plenty of summer networking and social activities available. Hoping to see you at one or many of our upcoming events soon!

All the best,
Rachel Borchers
president@swe-mn.org
Like the school year, May is a time of transition, wrapping up a busy year and celebrating our accomplishments. While July 1st is the start of the new SWE year, our section holds our banquet in May to celebrate our scholarship winners, our sponsors as well as the amazing volunteers we have that support reaching out to over 1,000 students. We could not achieve all that we do without our sponsors and volunteers. Our outreach events are a big part of the foundation of SWE-MN and I can say that by seeing the dedication and action this team has put forth this year, the theme of Superheros was right on!

I look forward to seeing many of you on May 26th in Blaine at our banquet. If you haven’t signed up yet, but are interested—check out more information about the banquet on page 12. Our keynote speaker this year is Tricia Walker, our newly elected Governor of Region H (congrats, Tricia!!!) and a past president of SWE-MN.

Are you thinking that 2016 is the year you try out a committee with SWE-MN? Our Professional Development and Outreach committees are growing and a great spot to get involved in organizing one event, or working throughout the year. We are updating the www.swe-mn.org website to include more descriptions of what each position and committee does, or you can get in touch with me to learn more.

Happy springtime in Minnesota!
Lynn Davenport
Some reminders for the summer from your Section Reps

**Membership**
Be sure to renew your membership before it expires! Check out the website www.swe.org to renew.
Do not forget that many of your employers will sponsor dues for professional memberships – so, ask your manager or your Human Resources representative. Please contact us for help if you need it :)

**Conference**

WE16, *Life’s Variable: SWE’s Your Constant*, is heading to Philadelphia this October 27-29th!

WE16 is the world’s largest conference and career fair for women in engineering and technology. Brought to you by the Society of Women Engineers (SWE), WE16 will give you inspiring and invaluable ways to connect, discover career opportunities and pursue professional development. It’s where more than 9,000 women at all stages of their engineering careers find the constant support they need for life’s variables.

Hotel blocks are open now so don’t wait to book your room! Registration will be open this summer, so watch your inboxes. Check out the conference website for more information, http://we16.swe.org.

~Tricia, Lauren, Melissa and Kim, your FY16 SWE-MN Section Representatives
Webinar Club

SWE-MN launched Webinar Club on Sunday, April 3rd. Attendees watched the SWE webinar, “How to Navigate Successfully through Workplaces Shaped by Subtle Bias,” before attending. At Webinar Club, there was great discussion on the 4 patterns of gender bias: Prove It Again, Tightrope, Maternal Wall, and Tug of War. Real-life situations and practical advice in Joan C. Williams' presentation of her published research sparked great conversation and connections to our own experiences.

If you missed out on Webinar Club, do not despair! We are planning to host regular Webinar Club connections – keep an eye on the SWE calendar and weekly e-mails for the next date. You can view this webinar (and many others) through the SWE Advance Learning Center, which is free to all SWE members. If you want to help with Webinar Club (content, dates, or locations) or if you want an e-mail directly when we schedule the next date of Webinar Club, email Kim at miller.kimberly0@gmail.com.

FY17 Election Results

<table>
<thead>
<tr>
<th>Office</th>
<th>Candidate</th>
</tr>
</thead>
<tbody>
<tr>
<td>President</td>
<td>Lynn Davenport</td>
</tr>
<tr>
<td>Vice President</td>
<td>Kim Miller</td>
</tr>
<tr>
<td>Secretary</td>
<td>Kristen Wagner</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Lauren Kelly</td>
</tr>
<tr>
<td>Section Representatives</td>
<td></td>
</tr>
<tr>
<td>Seat 1</td>
<td>Nicole Bartelt</td>
</tr>
<tr>
<td>Seat 2</td>
<td>Melissa Stiegler</td>
</tr>
<tr>
<td>Seat 3</td>
<td>Erin Syverson</td>
</tr>
<tr>
<td>Seat 4</td>
<td>Charlene Willenbring</td>
</tr>
</tbody>
</table>
Outreach Recap Events

- **WOW That’s Engineering – 4/9/2016**
  - Over 150 girls joined SWE-MN at Normandale Community College at a Superhero Engineers themed event where girls learned about engineering through multiple hands on experiments, including Brilliant Bracelets, Squishy Circuits, Bath Scrub, and Simple Machines. Thanks to our sponsors UTC Aerospace, Xcel Energy, and Normandale Community College for making this event happen!

- **Bakken Museum Women’s History Month – 3/19/2016**
  - SWE-MN participated the Bakken Museum’s Women’s History Month event where students learned about engineering through hands on activities. Jen Doubet, Sara Beck & Jen Cromer participated and were able to introduce their own daughters to the Bakken museum. Their daughters especially loved all the interaction with the women in science event volunteers.

- **Superhero Engineers Willmar Event – 4/23/2016**
  - More than 50 fifth graders attended this fun event to learn more engineering and how engineers are real world superheroes! These girls learned about chemical, mechanical, and electrical engineering through the Slime, Spool Racers, and Brushbots experiments. A SUPER THANK YOU to our volunteers for making this event possible!!!
Outreach Recap Events

- FIRST Robotics Competition – 4/8/2016 and 4/9/2016 SWE-MN judged at the 2 day FIRST Robotics Competition. 10 years ago there were just a few girls in the entire robotics competition; now the robotics teams have more than 20% female participation.

Mid-Sized Events Continue!

- We have continued to see growth in the Outreach Mid-Sized events programming this year. Like our Signature events, the Mid-Sized events are SWE-MN led, and differ in that they are shorter duration-module style events typically 3 hours. We seek to partner with a single group or school, registering 30-60 girls and executing with 8-10 SWE volunteers. As this has continued to develop, we have gotten better at delivery and are starting to plan in recurring events to the Outreach schedule. Look out for more opportunities like these in the coming year.

- Mid-sized event “Design Your World” - 4/30/2016
  Partnering with Cadette (Grades 6-8) Girl Scouts really hit a sweet spot. We had perfect attendance at 53 girls and 12 adult chaperones. The girls learned about engineering at Emerson Process Management, and completed an iterative design activity to make their own lip balm and best lip balm variation, including consumer data analysis, product testing, and exploring marketing concepts. The girls were really interested in the engineering process and excited about their new designs. We will deliver the same event next year, and are looking to develop another module for mechanical design. #iloveSTEM
Outreach Upcoming Events

**SUPERHERO ENGINEERS**

**HANDS-ON EXPERIMENTS:**
1. **BATMAN’S EGGMOBILE**
2. **BRUSHBOTS**

**RSVP:** At outreachswemn@gmail.com

5th and 6th grade girl scouts are welcome to attend this fun event to learn more about engineering and science.

**TUESDAY...**
May 17, 2016

Wyoming Elementary in Cafeteria
25701 Forest Blvd N,
Wyoming, MN 55092
6:45-8:30pm

**TEST YOUR POWERS!!**
AmazonSmile

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, you’ll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to your favorite charitable organization.

- 0.5% of purchase amount will go to SWE-MN.
See link: [https://smile.amazon.com/ch/41-1648805](https://smile.amazon.com/ch/41-1648805)

GiveMN.org

GiveMN is Minnesota’s front door for charitable giving. Our goal is to create an unparalleled state of giving in Minnesota. We are constantly developing new ways to grow giving in Minnesota. And we’re doing it without making anyone peddle chocolate bars or serve a single rubber chicken dinner.

- Donation minus 5% fee will go to SWE-MN
See Link:
Awards Update

SWE Awards

The last round of award applications is here! The deadline for section awards is July 1, 2016. Visit the Awards Section of the SWE website to read about the award categories in Communications, Membership, Multicultural, Professional Development and Outreach. The Minnesota section has a strong history of applying for and receiving awards.

FY 2016 Awards and Recognition Banquet

The section will gather on May 26th to recognize the contributions of our sponsors, the achievements of our members and the amazing potential of collegiate scholarship recipients. If you missed the RSVP deadline, email me to see if there are any remaining seats or cancellations!

“The two most important days in your life are the day you are born and the day you find out why.”
— Mark Twain

Stephanie Fasen
awards@swe-mn.org
The Minnesota Section of the Society of Women Engineers proudly announces our Section and Corporate Partnership

Fall 2016 Scholarship Recipients

A total of 13 tuition-based scholarships, totaling $19,000, have been awarded. We congratulate the following recipients, and gratefully thank the following corporate sponsors for their partnership in making this program a success! Check out our corporate partners’ websites for more information about these great companies.

**Banner Engineering Scholarship**

Madeline Arpin, an electrical engineering student at the University of Minnesota Twin Cities, is the recipient of the $2,000 Banner Engineering Scholarship.

Banner Engineering is the sensor market leader with the broadest line of products and solutions in the nation. For more information, visit [www.baneng.com](http://www.baneng.com).

**Barr Engineering Scholarship**

Kathryn Sinner, a civil engineering student at the University of Minnesota Duluth, is the recipient of the $1,500 Barr Engineering Scholarship.

Barr Engineering Company is an employee owned consulting firm providing engineering and environmental services to industrial clients in power, mining, refining and manufacturing, and to attorneys, government agencies and natural-resource-management organizations. Barr’s more than 700 engineers, scientists and technical specialists help clients develop, manage, and restore natural resources across the Midwest, throughout the Americas, and around the world. For more information, visit [www.barr.com](http://www.barr.com).

**Boston Scientific Scholarship**

Elia Zanella, a mechanical engineering student from the University of Minnesota Twin Cities, is the recipient of the $1,000 Boston Scientific Scholarship.

Boston Scientific is a worldwide developer, manufacturer and marketer of medical devices who, for more than 25 years, has advanced the practice of less-invasive medicine by providing a broad and deep portfolio of innovative products, technologies and services. For more information, visit [www.bostonscientific.com](http://www.bostonscientific.com).
Fall 2016 Scholarship Recipients continued

GE Women’s Network Engineering Scholarship

McKenzie van der Hagen, a computer engineering student from the University of Minnesota Twin Cities, is the recipient of the $1,500 GE Women’s Network Engineering Scholarship. The GE Women’s Network supports the professional development of women working at GE by sharing the wisdom of successful women role models: http://www.ge.com/careers/culture/diversity/womens-network. GE works on things that matter: the best people and technologies taking on the toughest challenges, to find solutions in energy, health and home, transportation and finance.

Hormel Foods Scholarship

Elizabeth Drantch, a chemical engineering student from the University of Minnesota Twin Cities, is the recipient of a $1,000 Hormel Foods Scholarship. Rachel Kagan, a chemical engineering student from the University of Minnesota Twin Cities, is the recipient of a $1,000 Hormel Foods Scholarship. Hormel Foods is a multinational manufacturer and marketer of high-quality, brand-name food and meat products for consumers throughout the world. For more information, visit www.hormelfoods.com.

Medtronic SWEnet Scholarship

Amy Enrooth, a mechanical engineering student from the University of Minnesota Duluth, is the recipient of a $2,000 Medtronic SWEnet Scholarship. Alicia Kennedy, a biomedical engineering student from the University of Minnesota Twin Cities, is the recipient of a $2,000 Medtronic SWEnet Scholarship. Jessica Young, a materials science and engineering student from the University of Minnesota Twin Cities, is the recipient of a $2,000 Medtronic SWEnet Scholarship. SWEnet is a professional network of Society of Women Engineers members who work at Medtronic, the global leader in medical technology, working to change the face of chronic disease. These dedicated women have donated their time and talents to create this scholarship opportunity. For more information, visit www.medtronic.com.
Fall 2016 Scholarship Recipients continued

SEH Scholarship

Kelsey Fritze, a civil engineering student from North Dakota State University, is the recipient of a $1,000 SEH Scholarship.

Ashley Murr, a civil engineering student from the University of Minnesota Duluth, is the recipient of a $1,000 SEH Scholarship.

SEH is an employee-owned engineering, architectural, environmental, and planning company that helps government, industrial, and commercial clients find value-added solutions. SEH has a company-wide commitment to improving the quality of life by designing safer, more sustainable infrastructure for local, state and federal units of government and helping industrial and commercial clients achieve their business goals. In short, SEH is focused on Building A Better World for All Of Us®. For more information, visit http://www.sehinc.com.

UTC Aerospace Systems Scholarship

Rochelle Brooks, a mechanical engineering student from the University of Minnesota Twin Cities, is the recipient of the $1,500 UTC Aerospace Systems Scholarship.

UTC Aerospace Systems is one of the world’s largest suppliers of technologically advanced aerospace and defense products. Our customers include original equipment manufacturers that build aircraft and helicopters, engine manufacturers, and airlines, as well as defense agencies and contractors. Our commitment is to help them develop and maintain safer, lighter, more reliable and more efficient aircraft and other platforms. For more information, visit www.utcaerospacesystems.com

The Minnesota Section Scholarship

Rena Weis, an environmental engineering student from the University of Minnesota Twin Cities, is the recipient of the $1,500 Minnesota Section Scholarship.

This scholarship is funded by an endowment of the Minnesota Section of SWE.

Congratulations to these outstanding women engineering students!
Counselor Updates

University of Minnesota—Twin Cities SWE Section

Congratulations to the University of Minnesota – Twin Cities SWE section on their recent awards!

They were recipients of the College of Science and Engineering (CSE) Lind Legacy Award, given to a student group who has achieved great success and stood the test of time. Associate Dean Paul Strykowski commended the organization for their outreach, strong industry connections, and high level of engagement and growth within their membership base.

FY16 President Holly McKissick was also honored to receive the Outstanding Student Group Leader award from CSE.

In addition, they recently received the People’s Choice award from the University of Minnesota, which recognizes top student organizations throughout the entire University.
The Society of Women Engineers Minnesota Section requests the honor of your presence at the

2016 Annual Awards Banquet Dinner
Thursday, May 26, 2016

Program begins at 6 p.m.

TPC Twin Cities
11444 Tournament Players Pkwy
Blaine, MN 55449

RSVP to awards@swe-mn.org by May 1, 2016 with the names of all attendees. Please include any dietary considerations (vegetarian, gluten free, allergies). Registration fee of $34 each is due at the registration table for the event. Cash or check only please.
FY16 Sponsorship

GOLD

Boston Scientific
General Dynamics
3M
UTC Aerospace Systems

SILVER

SEH Inc.
Banner Engineering
Hormel
Medtronic
Normandale Community College
GE Women’s Network

BRONZE

Excel Energy

For more information on how to become a SWE-MN Sponsor, check out our Sponsorship Opportunities here.
### May 2016

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5</td>
<td>6</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>19</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td>SWE-MN AWARDS BANQUET</td>
<td>26</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SE Metro Lunches</td>
<td>28</td>
</tr>
</tbody>
</table>

### June 2016

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rochester Lunches</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>20</td>
<td>21</td>
<td>22</td>
<td>North Metro Lunches</td>
<td>23</td>
<td>24</td>
</tr>
<tr>
<td>26</td>
<td>27</td>
<td>28</td>
<td>29</td>
<td></td>
<td></td>
<td>30</td>
</tr>
</tbody>
</table>
Congrats to following SWE-MN Members:

Megan Knoch-Dohlin for getting accepted to grad school
Kristin Horvath on completing her MBA and returning to MN
Kristy Porter completed her first half marathon
Amie Lijewski on her engagement
Erin Telander on buying her first home

Did you Know???
SWE-MN has their own Google Calendar that you can add to your Google account.
Here's how:
Visit www.swe-mn.org
Go to the Calendar Tab.

On the bottom right of the calendar, select the (+) sign and click ADD to the pop-up message to add the SWE-MN Calendar to your account.

You won't miss an upcoming event!!