President’s Letter

It’s finally spring both in time and weather! I have truly enjoyed getting outside and being in the sun. This time of year comes with great joy and a little sadness. As the president, I am very excited to see a new Executive Council established and look forward to all that the spring changes are bringing us. I am also anxiously doing my “spring cleaning” which includes following up with sponsors, updating advertisement, filing last reports, planning for our banquet and preparing transition files for our upcoming SWE-MN President. The sadness is in changing teams and no longer having the opportunity to lead such a fine group of female engineers. We have accomplished a lot as a team and I have had the privilege to watch many women grown both professional and personally. I am honored to call so many my friends and SWEsters.

This isn’t the end though, no with spring we bring new life and a celebration of all that is to come. I am very excited for our SWE-MN Spring Awards Banquet hosted at TPC of Twin Cities (http://www.tpc.com/twincities). Such a fitting location to help us celebrate the past year’s achievements and introduce our future. I encourage each of you to attend and join us in this celebration. Please contact myself or patriciawalker77@gmail.com, awards chair for more information.

Although the elections are complete for President, Vice President, Secretary, Treasurer and Section Reps we have chair and committee positions yet to fill. This is a great time to reach out with your interest so we can help you become more involved in our SWE family. Find an area that works for you and get involved in your community through SWE. We are happy to work with your schedule, time and family commitments to help you become more involved. I would like to invite anyone interested to join our last SWE-MN EC meeting on May 29th (email president@swe-mn.org for more information).

I will end with a hopes for continued great weather, finding new friends and becoming more active in your section. With spring comes a great renewal and promises of a bright future.

Finally, make sure to stay connected via the website (www.swe-mn.org), Facebook, twitter and LinkedIn to see all the wonderful activities we have coming up. We want to help you have "a lifetime of opportunity" with SWE.

~Holly Kimball
president@swe-mn.org

Thank you to our sponsors!
Who’s Who in SWE-MN?

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<th>Position</th>
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<td>President</td>
<td>Holly Kimball</td>
<td><a href="mailto:president@swe-mn.org">president@swe-mn.org</a></td>
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<tr>
<td>Vice President</td>
<td>Kalyani Mallela</td>
<td><a href="mailto:vp@swe-mn.org">vp@swe-mn.org</a></td>
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<td>Allison Lunde</td>
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<td>Lesley Wyckoff</td>
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<td>Patricia Walker</td>
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<td>Jennifer Doubet</td>
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<td>Lynn Davenport</td>
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<td>Naomi Brill</td>
<td><a href="mailto:scholarships@swe-mn.org">scholarships@swe-mn.org</a></td>
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<td><a href="mailto:fd@swe-mn.org">fd@swe-mn.org</a></td>
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<td>University of Minnesota Counselor</td>
<td>Charlene Willenbring</td>
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<td>University of St. Thomas Counselor</td>
<td>Jacalyn St. Dennis</td>
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<td>St. Cloud State Counselor</td>
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<td>Minnesota State University - Mankato Counselor</td>
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<td>University of Minnesota Duluth Counselor</td>
<td>Senja Lopac</td>
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<td><a href="mailto:rochester@swe-mn.org">rochester@swe-mn.org</a></td>
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<td>Special Project</td>
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Region H Leaders

Governor: Jennifer Morikawa
Lt. Governor: Dayna Johnson
Treasurer: Cathy Krier*
Secretary: Katie Amelio
Senator: Diane Lafortune
Senator: Julia Spankowski
Alternate Senator: Christine Cabrera
Collegiate Senator: Rachel Seidner
Alternate Collegiate Senator: Alina Alam

Region H Assessment Committee Chair: Michelle Ngatino*
Region Awards Chair: Kalyani Mallela*
Region H CLCC East Coast Deputy Chair: Molly Morgan*
Region Outreach Coordinator: Kalyani Mallela*
Region H Programming Excellence Competition Chair: Kalyani Mallela*
Region H Transition Membership Program: Holly Kimball*

*Society Leaders*

President: Alyse Stofer*
President-Elect: Stacey DelVecchio
Secretary: Elizabeth Bielman*
Treasure: Penny Wirsing
Director, Emerging Initiatives: Lana Fountain Flakes
Director, Education: Kelly Griswold Schable
Director of Membership Initiatives: Jonna Gerkens
Director of Professional Development: Linette Dawson
Collegiate Director: Kaitlyn Bunker
Speaker of the Senate: Helen O. Patricia
Director, Regions: Colleen Layman
Executive Director & CEO: Betty A. Shanahan, CAE, F.SWE
Chief Director of International Initiatives, FY12: Janet Bandows Koster

*Indicates individual is from SWE-MN*
VP Spotlight

After leaving last weekend on a high-note after the success of our outreach event Wow! That’s Engineering!, it is timely to think what more we as individuals can do to improve the quality of life at home and over the world.

Engineering for Change provides a forum to connect, collaborate, solve challenges and share knowledge among a growing community of engineers, technologists, social scientists, NGOs, local governments and community advocates, who are dedicated to improving the quality of life all over the world.

It was founded in the spirit of engineers’ harnessing a common passion for designing and applying creative technical solutions to a broad range of significant humanitarian challenges.

It was conceived by ASME but now is a global alliance which now includes III and Engineers Without Borders-USA. The E4C alliance represents over 500,000 member engineers and technologists from industry and academia throughout the world. SWE is a leadership sponsor for E4C with 130 of its members truly making a difference one challenge at a time being part of E4C.

E4C provides a free Webinar Series which is an interactive learning tool with new topics each month. You can join E4C for free; have access to many tools and help make a difference by solving one challenge at a time.

~ Kalyani Mallela
vp@swe-mn.org
The Minnesota Section proudly announces our
Section and Corporate Partnership

2013 Scholarship Recipients

For Fall Semester, 2013, the Minnesota Section of the Society of Women Engineers has awarded 14 tuition-based scholarships, totaling $16,500. 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

Carly Sandin, a mechanical engineering student at the South Dakota School of Mines and Technology 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. See www.baneng.com for more information.

Barr Engineering Scholarship

Jacqueline Edwards, a civil engineering student at North Dakota State University, is the recipient of a $1,000 Barr Engineering Scholarship.

Wiphawi Phifer, a civil engineering student at South Dakota State University, is the recipient of a $1,000 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 700 engineers, scientists and technical specialist 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.

GE Women’s Network Engineering Scholarship

Kati Johnson, a chemical engineering student at the South Dakota School of Mines and Technology, is the recipient of the $2,000 GE Women’s Network Scholarship.

The GE Women’s Network supports the professional development of women working at GE by sharing the wisdom of successful women role models: www.ge.com/company/culture/people/womensnetwork.html 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.

General Dynamics AIS Scholarships

Taylor Headlee, an electrical engineering student at North Dakota State University, is the recipient of a $1,000 General Dynamics AIS Scholarship.

Brenda Rohde, a computer science student at the University of Minnesota Twin Cities, is the recipient of a $1,000 General Dynamics AIS Scholarship.

Marit Sundberg, an electrical engineering student at the University of North Dakota, is the recipient of a $1,000 General Dynamics AIS Scholarship.

General Dynamics AIS is a leading provider of transformational mission solutions in command, control, communications, computers, intelligence, surveillance and reconnaissance. See www.gd-ais.com
Hormel Foods Scholarship

Anne Christensen, an industrial engineering and engineering management student at South Dakota School of Mines and Technology, is the recipient of a $1,000 Hormel Foods Scholarship.

Katie Scholl, an industrial engineering and mathematics student at North Dakota State University, 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.

LORAM Scholarship

Amelia Lijewski, a bioproducts and biosystems engineering student at the University of Minnesota Twin Cities, is the recipient of the $1,000 LORAM Scholarship.

LORAM is one of the leading suppliers of track maintenance machinery and services in North America and the global market. They deliver advanced equipment, innovative solutions, and unrivaled customer service to maintain and improve railway infrastructure. See www.loram.com for more information.

Medtronic SWEnet Scholarship

Sara Backlund, a mechanical engineering student at the University of St. Thomas, is the recipient of a $1,000 Medtronic SWEnet Scholarship.

Samantha Madden, a biomedical engineering student at the University of Minnesota Twin Cities, is the recipient of a $1,000 Medtronic SWEnet Scholarship.

Sarah Vanderheiden, a biomedical engineering student at the University of Minnesota Twin Cities, is the recipient of a $1,000 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 further information on Medtronic, see www.medtronic.com.

The Minnesota Section Scholarship

Paige Voigt, a biomedical engineering student at 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 all of these outstanding women engineering students!
You’re Invited!

SWE-MN Spring Awards and Scholarship Recognition Banquet

Come join us for fun and celebration!

Thursday June 6th

Dinner and Program starting at 6:30pm.

Location:
TPC Twin Cities
11444 Tournament Players Parkway
Blaine, MN 55449

Cost: $25 (please bring payment to the banquet)

Please RSVP to Tricia Walker at patriciawalker77@gmail.com by Monday, June 3, 2013 and note dietary restrictions in the RSVP.

Hope to see you there!
Membership Happenings

We are almost to the end of another SWE year! As you may have noticed, the SWE Membership renewal period is now open. All memberships expire June 30 for FY13. Some categories of membership may be eligible for reduced dues rates (i.e. unemployed, retired, etc). Here is a link to a great article provided by SWE Headquarters on all aspects of membership renewal.

Renew your membership TODAY!

We really encourage you to stay connected with our professional network of like-minded women engineers. If you renew before 6/30/13 you save $5!

Membership has one last social event planned for this year. Our annual SWE-MFESTS summer picnic is coming up the third week of June. Watch the weekly e-mails and website for more details. This is a great family-friendly event to relax and come together for some food and fun!

The SWE-MN Mom’s group is looking to have a summer park event sometime in June or July. No details yet, but we’d love to hear your suggestions for a fun park outing. Let us know what you think!

Finally, thanks to everyone that came out for the last SWE-MN Mom’s group on April 14 that the Bell Museum. It was a great time and a nice way to spend a rainy afternoon. What a cool place!!

~Lynn and Nicki

membership@swe-mn.org
WOW! That’s Engineering was a HUGE success!

Held on April 27, 2013 at Normandale College

Thanks to our sponsors and volunteers, 150 middle school girls learned about Chemical, Mechanical, Electrical, Civil, and Design engineering with hands on experiments and designs of their own that they took home!!

The event was free and the girls were able to:

- build and take home a kalimba piano
- design a lego mall store
- design/build/test their own boat
- build a package to protect their s’more from heat and rain
- take home a circuit bug, a bouncy ball, and lotion, which they made from scratch!

When asked, “What did you like about the event?”, girls responded:

“Everything!”  “I got to learn how things were made.”  “We used our brain.”  “We got to learn new things.”
SAVE THE DATE!
October 24-26, 2013

More than 6,000 women from around the world will be in Baltimore this October from the 24-26 for WE13 to make connections and make history. They'll be coming to network, start or advance their career and experience highly rated professional development offerings. Plan now to be among your peers—save the date to ensure you are part of this inspiring conference. As a woman in engineering and technology, it's the best way for you to add to your own personal history of success.

Hotel Registration is now OPEN - Click here to reserve your room today!

New for 2013:
There are several new features, benefits and upgrades to ensure WE13 is an event for the history books. Here is just a sneak peek of what’s in store for WE13 attendees:

- Mega sessions designed to bring participants up to speed on cutting-edge innovations in a large-crowd setting.
- Lightning sessions to maximize your learning at WE13 while minimizing your time spent in sessions.
- Two keynote speakers to double the inspiration.
- A re-imagined SWE Sweet Social featuring exciting activities designed to engage participants.
- A newly minted LAVA LOUNGE designed around you—your career, your needs and your priorities. Stop by to get a manicure, make a customized luggage tag and take a breather from all the excitement of WE13.
- Programming and events designed with the international attendee in mind. Connect with other SWE members from outside the United States and participate in opportunities with your unique needs and challenges in mind.
- Visit the WE13 website for more information!

Keynote Speakers:

WE13 Opening Keynote
Cristina Amorim
Life Technologies
Chief Sustainability Officer (CSO)

WE13 Celebrate SWE! Keynote
Lynn A. Dugle
Vice President, Raytheon Company; President, Raytheon Intelligence and Information Systems
Congrats to our newly elected officers for FY14!

President
Kalyani Mallela

Vice President
Tricia Walker

Treasurer
Allison Lunde

Secretary
Nikki Danielson-Bartelt

Section Representatives
Lynn Davenport
Cathy Krier

NOTE FROM FY13 PRESIDENT ELECT, Stacey DelVecchio

SWE Members,

I am pleased to announce the call for FY14 committee members. The power of our committees and our volunteers is what moves SWE forward. Society committees are also a major aspect of our talent development pipeline process. I encourage both collegians and professionals to join the SWE volunteer team for FY14!

If you currently serve on a committee, please confirm with the current leader your interest in continuing to serve in FY14. If you are not serving on a committee and are interested in serving, please complete the online volunteer interest form. Please submit your form by May 30, 2013. You can learn more about the Society committees and find contact information for current chairs on the committees page of the SWE website. Click here for a complete list and description of committees seeking volunteers for FY14. You will be contacted by the committee chair by early July to discuss volunteering options. There are a wide range of opportunities and levels of commitment.

SWE values diversity and thus I encourage all of you to think about the opportunity of serving on a committee. Thanks to all who are currently serving. I am looking forward to another great year of progress!

Stacey DelVecchio
FY13 President Elect
Get to Know SWE-MN Member, Melinda Anderson

When I graduated high school in 1981, I was a math nerd and absolutely smitten with writing Basic code so I applied to the Electrical Engineering program at Iowa State University. Getting in wasn’t a problem but, at that time, my guidance counselor had to sign my application. He changed my major from engineering to math because I was a girl. I changed it to Computer Engineering my first week on campus.

When I graduated with a Bachelor’s degree the job market was lousy and I was a fresh-faced graduate who enjoyed engineering classes but was clueless about how to translate that into job qualifications. So in the decade that followed I worked mostly as a librarian and an office manager, eventually designing, managing and querying databases when my employer discovered I was far better and cheaper than the consulting firm he had hired.

In 1996 I received a flyer advertising ISU’s Systems Engineering distance education program. Per the flyer, I could earn a Master’s degree by taking classes by mail and videotape. My ambitions weren’t that high but I felt my brain was beginning to petrify so I signed up for a class. Then I signed up for another; then two more. Then I quit my job to finish the program. In 1999 I graduated from ISU with a Master’s of Engineering in Systems Engineering and moved to St. Cloud, Minnesota to begin a “real” engineering career as an Industrial Engineer at Fingerhut Companies.

I put “real” in quotes because Industrial Engineering principles and methods are used by real people every day in real life. We’re all Industrial Engineers when we order our morning routines, prepare a meal, and choose when and where to buy toilet paper, how much to buy and where to store it. I love the ordinariness of my profession and I love translating the data of ordinary tasks into useful metrics and graphics that illustrate performance. Currently, I work for Bluestem Brands, Inc. in the collections department, developing and reporting on all KPIs for our collectors.

Most of my free time is devoted to my dog, Malcolm, and boyfriend, Jim. I’m active in my church, currently serving as an elder and ringing with the handbell choir.

A couple of times a month I enjoy reading the newspaper on the radio for the blind and print disabled and I love to do needlework while listening to audiobooks. I’m a lousy golfer and have been on the DL due to a bum shoulder but hope to work on that this summer.

I rejoined SWE as a graduate student. I’ve often lived and/or worked where connections with other engineers (especially women!) have been limited so I appreciate my connection to SWE members through the internet, particularly LinkedIn. I coordinate the St. Cloud area networking lunch. Please watch the newsletter for dates and locations. If you’re in the area and the offered arrangements don’t work for you, contact me and we’ll work something out.

--Melinda
mlpanderson@cloudnet.com
## May 2013

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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 Membership Chair, 
Nikki Danielson-Bartelt on her recent promote to Principal Engineer at MN-Dot!

Congrats to SWE-MN Newsletter Editor, Lesley Wyckoff, who recently started at Starkey Hearing Technologies as a Project Manager!

Congrats to SWE-MN Member, Erin Penne, on her recent promotion to Program Manager at General Dynamics-Advanced Systems and Integration!