



# Society of Women Engineers

ASPIRE • ADVANCE • ACHIEVE

## Society of Women Engineers Minnesota Section

Shaping Technical Minds into Meaningful Careers

**Volume 19, Issue 2**

**November 2005**

### SWE-MN FY06 Executive Council

President: Allison Pedersen  
president@swe-mn.org

Vice President: Elizabeth Bierman  
vp@swe-mn.org

Secretary: Jessica Luger  
secretary@swe-mn.org

Treasurer & Fund Development: Anne Kraft  
treasurer@swe-mn.org, fund@swe-mn.org

COR: Jayshree Desai & Holli Pheil  
cor@swe-mn.org

Awards & Recognition: Alyse Stofer  
awards@swe-mn.org

Membership: Charlene Knealing & Erin Penne  
membership@swe-mn.org

Newsletter Editor: Meghan Flynn  
newsletter@swe-mn.org

Professional Development:  
Heather Johnson & Tricia Walker  
pd@swe-mn.org

Spring Professional Development Seminar:  
Gretchen Landini & Angela Neidermire  
pdseminar@swe-mn.org

Public Relations: Cheryl Maboudou-Tchao  
pr@swe-mn.org

Scholarship: Leanne Knutson & Julie Long  
scholarships@swe-mn.org

Student Section Counselors:  
Naomi Brill (U of St Thomas)  
Caroline Koerner (St Cloud State)  
Sharon Kurtt (U of MN)  
counselors@swe-mn.org

Communications Chair & Website Coordinator:  
Carol Reardon  
webmaster@swe-mn.org

Pg 2:	President's Report
Pg 3:	National Web Seminars, Welcome to New Members
Pg 4:	New Faces of Engineering Nominee
Pg 5:	Get to Know SWE-MN
Pg 6:	Member News, MSABC Walk Recap
Pg 7:	SWE Leadership Advancement Conference Recap

### Inside this Issue

Pg 8:	COR Report
Pg 9:	Volunteer Opportunities
Pg 10:	Summer Soiree and Open House Recaps
Pg 11:	Herberger's Community Day
Pg 12:	Scrapbooking Networking Event

Pg 13:	Scholarship Report
Pg 14:	Professional Development Meeting at St. Jude Medical
Pg 15:	New Member/New Grad and BAE Systems Meeting Recaps
Pg 16:	Holiday Party Announcement

## President's Report Allison Pedersen

The SWE-MN fiscal year has gotten off to a great start! SWE-MN has hosted several exciting events, including the annual Open House, New Member/New Grad event where we found out how to network, and the professional development meeting hosted by BAE

Systems featuring three female speakers from BAE Systems talking on a variety of fascinating topics. The FY06 Corporate Partner Scholarship Program is underway and we once again have several corporations who would like to participate in the program by offering a scholarship in their companies' name. The full list of corporations taking part in the program will be published in the January newsletter.

SWE-MN has also participated in some outreach events this year, and the Career Guidance Committee continues to plan future events. Career Guidance has a busy year ahead and is already planning several events for February. SWE-MN will be hosting a Girl Scout Patch Day in early February and this year SWE was chosen as the technical organization to host National Engineers Week (E-week) 2006, in conjunction with the 2006 corporate sponsor Northrop Grumman. The E-week theme is *Connecting Educators to Engineering*, and during E-week, February 19-25, SWE-MN would like to participate in this activity, in addition to hosting a couple of other events. Elizabeth Bierman, our section Vice President, is helping out the Career Guidance Committee with this planning and to find out more about what the section will be doing to support E-week or to get involved with helping to plan events, please contact Elizabeth.

Soon (probably about the time you will be reading this) the Society of Women Engineers (SWE) National Conference will be taking place in Anaheim, CA. Several SWE-MN members will be attending the conference and will be able to experience wonderful professional development programs and networking opportunities, and have a chance to participate in important SWE business. The Council of Representatives (COR) has several topics to discuss that they would like your input on. Please read the COR report for more details and to find out how to contact the COR. The COR meeting will be held on Saturday, November 5, so there is still time to send the COR your thoughts.

Speaking of the COR, one of this years SWE-MN section representatives to the COR, **Holli Pheil**, has been selected as the SWE-MN nominee for the New Faces of Engineering award. This award strives to promote the accomplishments of young engineers. Each technical society, including SWE, awards one of its members this honor during E-week this February. Congratulations Holli!

If you haven't had a chance yet, please take a couple of minutes to check out our SWE-MN website, [www.swe-mn.org](http://www.swe-mn.org), which continues to contain valuable information on what the section is up to. A couple of years ago, we added a job posting page to our website. Several corporations have recently contacted our section inquiring about posting jobs, so go there to check out some current job openings. If your company would like to take advantage of this free service and place a job posting on the website, please contact our Website Coordinator, Carol Reardon.

Feel free to contact me with any questions or comments and I hope to see you all soon at an upcoming SWE-MN event!

**Allison**

## SWE Professional Development Web Seminars

Transitioning From Engineer to Manager

*Presented by Rachel Hutter from Walt Disney World Co.*

*Sponsored by a SWE Program Development Grant*

November 15, 2005

3:00 pm – 4:00 pm Eastern

Free for Members & Non-members!

Whether you've been in a technical position for two or twenty years there may come a day when you suddenly find yourself on the management track. Will you be ready? Disney's Rachel Hutter is here to help. Ms. Hutter will discuss the major differences between the two roles, the necessary skills to transition to manager, how to establish credibility and ways to measure your success. Rachel Hutter is Director, Attractions Engineering Services and Quality Assurance for Walt Disney World Company.

### Past Programs

Critical Communication Skills for Women in Technology

Introductory Project Finance for Engineers

The Mentoring Connection: Being and Finding the Perfect Protégé

**Please visit the SWE website for more information: [www.swe.org](http://www.swe.org).**

SWE-Minnesota would like to extend a warm welcome to our new members. We look forward to seeing you at an event soon!

Christina Carlson  
Maha Elsayed Elrashidy  
Anita Hall  
Sandra Hall Henry

Pung-Pung Huang  
Jennifer Lanthier  
Josephine Larson  
Rimike Liverpool



Julie Marquardt  
Candace Pederson  
Cassandra Piippo  
Stacey Sell

Jaelyn Sprtel  
Alexis Troschinetz  
Shannon Valiga  
Brian Williams

# SWE-MN FY06

## New Faces of Engineering Nominee

I am happy to announce that SWE-MN has nominated **Holli Pheil** to be considered as SWE's nominee for New Faces of Engineering recognition. This is the fourth year of the E-Week program, which recognizes outstanding young engineers from across the globe.

SWE's New Face of Engineering will be recognized in a full-page advertisement in the USA Today and also featured on the National Engineers Week website at [www.eweek.org](http://www.eweek.org), as well as in SWE publications. In 2006, E-Week activities will be held February 19-25.

The New Faces of Engineering program is based on introducing young people, specifically middle school, high school and college engineering students, to accomplishments of young engineers who are impacting our society. Thus, the nominees will underscore that engineering is open to everyone and that through different challenges and opportunities engineers can influence the world around them.

Holli Pheil is an Analog Design Engineer at Guidant Corporation. Guidant designs and manufactures medical devices such as pacemakers and defibrillators, and Holli's recent work has led to a pending patent. Over her three years of employment at Guidant, Holli has worked a variety of projects. She led the analog design of an integrated Pacing System Analyzer, which is used at implant to check lead placement and electrical physiological parameters before a defibrillator device is implanted. Holli also led the Next Generation Programmer (NGP) compliance effort. The programmer communicates with and programs Guidant devices once they are implanted inside the body. The NGP required certification by the FCC and all major EMI/EMC (electromagnetic interference and compliance) standards for US, Europe and Asia, and winning FCC approval was a special challenge as this was Guidant Corporation's first venture into RF communication. The effort to bring the programmer into compliance required Holli to modify the programmer beyond electrical performance, and included software, mechanical and system work, and helped her become one of the leading experts at Guidant in the design of products compliant with EMI/EMC and RF communication standards for markets worldwide.



Holli is very active in SWE-MN. She is currently serving as one of the Council of Representatives for the SWE Minnesota Section, and is a member of both the SWE-MN Career Guidance and Fund Development Committees. Holli is also serving on the SWE International Task Force, representing the Council of Representatives at a National level.

Thank you to the other outstanding candidates from SWE-MN that also submitted an application for this award: Erin Penne and Tricia Walker.

# Get to Know SWE-MN

## Featuring SWE-MN Member: Lynn Jossi

I joined SWE in college as a junior in Mechanical Engineering at the University of Minnesota. Through SWE I have developed leadership skills, and met a lot of great women engineers. Since then I have been active on the SWE-MN professional development committee in planning events and the Spring Professional Development Seminar. I also volunteer as a mentor thru Mentornet.net.

I work at Boston Scientific designing processes for coronary guide catheters and stents. I do a lot of work in experimental design, and am six sigma certified. I have a bachelors degree in Mechanical Engineering from the University of Minnesota and am working on a masters degree at St Thomas. Before Boston Scientific, I worked at Honeywell as a design engineer on sensor and guidance products (gyros). I've been in engineering for about 9 years.



On the personal side - I have a husband and a son, age 2. I love to go kayaking, hiking, camping, and climbing. I have climbed Mt Rainier in Washington (see photo), and Mount Kilimanjaro in Africa. I have kayaked Lake Superior near the Pictured Rocks, Apostle Islands, Isle Royale and the Rossport Islands. Last week I flew in an experimental aircraft doing rolls and turns. I love to fly and I am working on a private pilots license.

I am glad to be part of the SWE community and am looking forward to working on the professional development committee again this year!

The SWE-MN newsletter is published five times per fiscal year - September, November, January, March and May. Submit articles to the newsletter editor. The SWE annual membership includes a subscription to this newsletter. To place an ad or sponsor a newsletter, please contact the editor.

# SWE-MN MEMBER NEWS



**Congratulations to Heather Dolan and Ethan Fisher on their marriage on August 20, 2005. Mr. and Mrs. Fisher now reside in Duluth, MN.**



## **MAKING STRIDES AGAINST BREAST CANCER Walk Recap**



Thank you SWE-MN! We had 10 people and two babies walk on Sunday, October 9th in the Making Strides Against Breast Cancer Walk. We raised approximately \$2500 for the fight against breast cancer. And our team was ranked 3<sup>rd</sup> overall in online donations! Thank you to all who walked and to all who donated. We had a good time and were able to represent our section for a good cause and support those in our section who have been affected by this disease.

Remember to get checked for Breast Cancer. When found early, the survival rate is much higher than when found later. The American Cancer Society recommends early Breast Cancer detection as follows:

- Women age 40 and older should have a screening mammogram every year and should continue to do so as long as they are in good health.
- Women in their 20s and 30s should have a Clinical Breast Exam (CBE) as part of a regular health exam by a health professional every three years.



The Walkers: (Left to Right) Cheri and Dodji Maboudou-Tchao, Erin and Hailey Penne, Cassie Piippo, Allison Pedersen, Angela Neidermire, Anita Hall, Liz Staberg, Jackie Anderson, Heather Johnson, Ryan Walden, Matt Johnson

## SWE Leadership Advancement Conference: Expanding the Paradigm: Leading and Managing Change

*Elizabeth Bierman*

The SWE National Professional Development Committee hosted a workshop on September 27 at Guidant Corporation to 20 females from across the country. The workshop focused on how to lead and manage change. The facilitators for this workshop were Irma Tyler Wood and Joanna Murray of Thoughtbridge. The workshop taught us to understand the phases of change and transition and learn ways to anticipate and lead change effectively, to understand the connection between conflict and change, and learn and practice tools to enhance our capacity to bring diverse people and perspectives together to achieve a common goal. This was a day long workshop that included presentation, exercises, reviews and applications. The approach that Irma and Joanna took was very effective and much was learned in this day long workshop. For more information regarding SWE's upcoming professional development activities, please visit [www.swe.org](http://www.swe.org).



# Civil Engineers

***Do more with a master's degree***

***Today's civil engineers need the latest in technology and tools to do their jobs better.***

*The M.S. degree in Infrastructure Systems Engineering can help. You will learn ways to improve your organization and boost your potential.*

*Attend classes one day a week. Earn your degree in only four semesters!*

*Petra DeWall, ISE '02  
Engineer  
Mni/DOT*

*Erin Schacht, ISE '04  
Engineer  
City of Maplewood*

### **Upcoming Information Sessions**

**Call us. 612-624-5747**

EMAIL: [degrees@cdtl.umn.edu](mailto:degrees@cdtl.umn.edu)

WEB: [www.cdtl.umn.edu](http://www.cdtl.umn.edu)

**cdtl**  
Center for the Development  
of Technological Leadership

**UNIVERSITY OF MINNESOTA**  
INSTITUTE OF TECHNOLOGY

The University of Minnesota is an equal opportunity educator and employer.

## COR Report

Jayshree Desai & Holli Pheil

The Council of Representatives (COR), which is the voice of the Minnesota section at the National and Regional level participated in the 2<sup>nd</sup> Region H conference call, and two separate COR training meetings preparing the COR for the National Conference in November.

During the 2<sup>nd</sup> Region H conference call, the Region was informed of a new change in the Student Activities Committee (SAC), which has been dissolved and replaced with the Collegiate Interest Committee (CIC). From this they have split the duties of the old RSC (Region Student Coordinator) into the Collegiate Interest Representative (CIR) and Region Collegiate Membership Coordinator (RCMC). Currently, Cathy Pieronek is the Region H rep to CIC (CIR) and Dina Bertolini is the RCMC.

After the National update from Nora Lin, the Region H governor, the COR moved on to National Conference issues and discussion. The Region H meeting at the National Conference will be held on Thursday, November 3, from 1 to 5 PM. The duration for each portion of the meeting has changed from last year. The meeting will run as follows:

Region H meeting (11/03/2005)

1:00PM – Student meeting

2:00PM – Joint meeting for students and professionals

3:30PM – Professional meeting

Another issue for the region is the funding for the Region H Conference set for March 3<sup>rd</sup> – 5<sup>th</sup>, 2006, hosted by Iowa State. Currently, the Iowa State student section is behind on their fundraising. So far they have secured \$30,000 of the \$100,000 needed. They have revised their brochure to give more options to companies to attend in hopes to secure more funding. Also, they are currently seeking professional speakers to give talks for the professional speaker track. Please contact the COR to give feedback, ideas, and/or speaker's names to help the Region H Conference.

The first COR training conference call was for new COR members only. The new COR members were trained on the structure of SWE, procedure at the COR meetings, how to conduct COR business, etc. The second COR training was for all COR members for all regions. This introduced the motions, white papers, and amendment changes to the bylaws that will be discussed and voted on at the National Conference.

There are two white papers, titled *Title IX* and *Engineering Liaisons with Other Professional Societies*. Title IX is just informative about the Title IX legislation, so no action by the COR is required at this time and the other will be discussed as a Mega issue at Nationals. The BHAG (Big Hairy Audacious Goal) was announced, which is to be obtained within the next 20 – 30 years. The BHAG is proposed as “Transcend the need for the ‘W’ in SWE” and there are nine vivid descriptions to accompany the BHAG. The BHAG and vivid descriptions are a motion that will be voted on at Nationals. There are nine bylaws that are being amended. The COR view these changes as minimal and will vote to accept these changes. For detailed information on the bylaws amendments, BHAG and vivid descriptions motion, and the white papers, please visit the SWE-MN website COR page. There will be links to the white papers, motions, and bylaw amendments. Please view these documents and provide the COR with any comments or questions you have before the National Conference.

The National Conference will be held in Anaheim, California November 3<sup>rd</sup> to 5<sup>th</sup>, 2005. The Region H business meeting will be held on Thursday, November 3<sup>rd</sup>. Make sure to check out all of the conference and hotel registration information at the Society's website. The Council of Representatives will be meeting on Saturday November 5<sup>th</sup> from 1pm – 5pm. All members are invited. The Region H Conference will be at Iowa Sate March 3<sup>rd</sup> – 5<sup>th</sup>, 2006. If you have any questions, please feel free to contact us at [cor@swe-mn.org](mailto:cor@swe-mn.org)

## Volunteers Still Wanted!!

Your SWE-MN career guidance co-chairs have been busy over the last month!

As you know, our goal for this year is to restructure Career Guidance through increasing outreach programs with the help of more volunteers.

Our committee is updating the experiment kits and planning some great events for the winter. We're also working on submitting letters to the local science teachers for collaboration in order to impact a great number of students and boost our outreach volunteer opportunities.

Our first large event for the year will be our Annual Girl Scout Patch day on February 4, 2006 tentatively to be held at Guidant Corporation. We're hoping for a record number of girl scouts as well as a record number of volunteers to assist.

February is a busy month for us as we'll be following the Girl Scout patch day with E-week events and activities. E-week is February 19-25<sup>th</sup> this year and we're planning loads of fun! We would like to kick off the week with our new proposed mechanical coloring book bicycle event. We're also going to utilize our new fuel cell kits in a high school classroom. Of course, we'll be running a program through Nationals with middle school teachers. To follow up the week, we're teaming up with the ITAS outreach committee for a second annual event at The Works in Edina.

We had a great event at Dunwoody Institute of Technology at the end of the summer. Pam Koehler, one of our new career guidance committee members, invited us to participate in her outreach event for high school women called "Experience the Power of Engineering." Here are some great pictures from this event.



We are always in need of more volunteers, events, and committee members! We'd love for you to be involved today. Contact us at [cg@swe-mn.org](mailto:cg@swe-mn.org).

**The newsletter is now being distributed to our members in electronic format.**

**If you would like to receive a paper copy of this newsletter, please send an email to the newsletter editor at: [newsletter@swe-mn.org](mailto:newsletter@swe-mn.org)**



## Summer Soiree Recap

*Tricia Walker*

The MN Engineering Society Soiree was held August 28<sup>th</sup> from 4-8pm at the Como Park Pavilion. Members and their families of SWE, Institute of Electrical and Electronics Engineers (IEEE), American Society of Mechanical Engineers (ASME), American Institute of Chemical Engineers (AIChE), Society of Hispanic Professional Engineers (SHPE), and Engineers Without Borders (EWB) enjoyed food, fun, and networking throughout this beautiful afternoon. There were 120 in attendance from all organizations. SWE support was awesome with 20 in attendance. There were several women engineers who inquired about SWE and took home new member packets. All in all, the feedback was positive and we look forward to doing it again next year.



## Open House Recap

*Heather Johnson and Tricia Walker*

We had an excellent turnout for the Open House this year which was once again held at General Dynamics in Bloomington on September 13<sup>th</sup>. There were a number of newcomers, which always make the events even better and more fun. Thank you to those people joining SWE for the first time; we hope to see all of you at our future events! The formal program focused on previewing SWE-MN's theme for FY'06 (Shaping Technical Minds into Meaningful Careers), as well as upcoming networking events, professional development meetings, committee meetings, and tours. The members of the Executive Council were introduced along with the responsibilities of their positions and information on how to get involved with SWE-MN. The ice breaker and networking portions of the event enabled participants to interact with fellow women in engineering. A variety of delicious appetizers were served and the evening ended by giving away door prizes, with the help of Doug Conley, Manager of Hardware Engineering at General Dynamics. A special thanks to Doug and to General Dynamics for sponsoring and hosting the event. Once again, it was a huge success!

---

Every SWE-MN member is entitled to one **free pass** to give to a non-member to attend one meeting this year at no cost. We ask that you please do not redeem the free pass at the annual Spring Professional Development Seminar. We hope to see you and your guest at an upcoming event!

SWE Member's Name: \_\_\_\_\_

Friend's Name: \_\_\_\_\_

Meeting Date: \_\_\_\_\_

Offer good through 6/30/2006



## Community Day!

Saturday, November 19<sup>th</sup>, 2005

This year SWE-MN will be participating in Herberger's Community Day Event. We will be using the money raised to support some of the administrative costs of our section programs such as Professional Development, Career Guidance, and Scholarship.

Herberger's coupon packets are donated to local schools and nonprofit groups who then sell them for \$5 each. Purchasers of the packets receive coupons (including a \$5 off coupon) to use on almost all merchandise throughout the store including items which rarely go on sale. In addition, purchasers will receive an entry form to register for their chance to win a trip to Mexico!

SWE-MN keeps 100% of the proceeds from the event packet sales.

Since 1999, the Community Day event has raised over 12.1 million dollars for area schools and nonprofit organizations. **Please help support this fund raising activity by purchasing a coupon packet. Contact Anne Kraft at [fd@swe-mn.org](mailto:fd@swe-mn.org) for information.**

**Aspire.**

Are you looking to establish yourself as an engineering leader in a global economy? If so, Emerson Process Management is a leader in helping businesses automate their production, processing and distribution components in the chemical, oil and gas, refining, pulp and paper, power, food and beverage, pharmaceutical and other industries. The company combines superior products and services. The Rosemount Division of Emerson is a global leader in high-precision pressure, temperature, flow and level instrumentation. Rosemount best-in-class technology and expertise play a key role in consulting, project management and maintenance services.

Send your resume and cover letter to:  
Human Resources, M/S PL16  
Emerson Process Management  
8200 Market Boulevard  
Chanhausen, MN 55317

Emerson Process Management is an Equal Opportunity Employer.

**ROSEMOUNT**

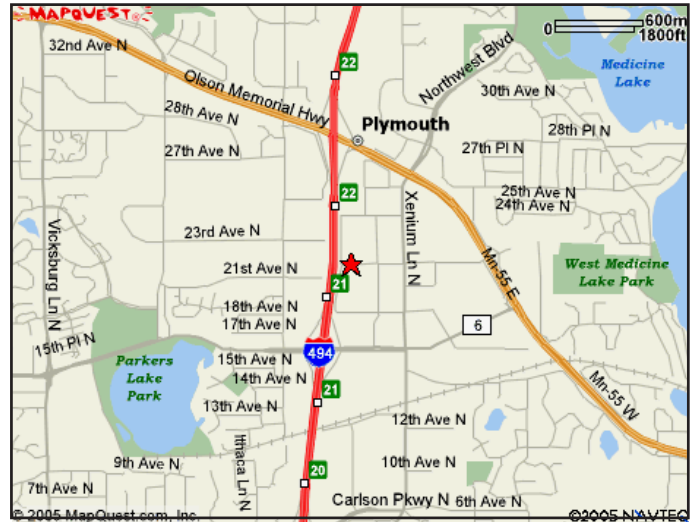
**EMERSON**  
Process Management

**EMERSON. CONSIDER IT SOLVED.**

The advertisement features a smiling woman with curly hair on the left. The background is a light blue geometric pattern. The text is arranged in a clean, professional layout.

**Scrapbooking Networking Event  
November 10, 2005**

To continue our Membership Recruitment campaign, *SWE-MN: Endless Networking Possibilities*, we are offering a Networking Event! Come scrapbook or create holiday cards with fellow SWE members. Tara Dorn, a Creative Memories Consultant and fellow SWE member, will be there to offer her expertise and teach some techniques. Come whether you are experienced or wanting to learn. SWE-MN will provide paper, supplies, and snacks so just bring your pictures!



**Time:** 6:30 pm

**Location:** Catheter and Disposables Technology, Inc.  
13845 Industrial Park Blvd.  
Plymouth, MN 55441

**Directions:** Take I-494 to the County Road 6 Exit (Exit #21). Head east on County Road 6  
Turn Left (north) on Xenium Ln  
Turn Left (west) on Industrial Park Blvd.

**Cost:** \$10 for SWE members  
\$13 for non-members

*Cancellations by October 28 will receive a full refund. No refunds issued after October 28.*

**RSVP:** By **Friday, November 4th**, please return the form below or email to [novnetwork@swe-mn.org](mailto:novnetwork@swe-mn.org)

**Questions:** E-mail [novnetwork@swe-mn.org](mailto:novnetwork@swe-mn.org)

Name: \_\_\_\_\_

Send this form and check (made out to SWE-MN)  
by November 4:

Company: \_\_\_\_\_

Charlene Knealing  
421 E Travelers Trail #320  
Burnsville, MN 55337

Email: \_\_\_\_\_

# Take the Lead

Get a M.S. in the Management of Technology



Pam Greve, MOT '94  
Vice President and CIO  
Trane Company

Whether it's your company or your career, staying competitive is important. Take the lead by going beyond the typical MBA degree. The master of science in the Management of Technology (MOT) combines business know-how with technology savvy, strategically positioning our graduates. It's designed especially for working engineers and scientists.

**MOT—the new generation of management thinking**

Upcoming Info Sessions—call for details

Learn more today!  
call 612-624-5747

EMAIL: [mot@cdtl.umn.edu](mailto:mot@cdtl.umn.edu) WEB: [www.cdtl.umn.edu](http://www.cdtl.umn.edu)



UNIVERSITY OF MINNESOTA  
INSTITUTE OF TECHNOLOGY

The University of Minnesota is an equal opportunity educator and employer.

## SWE-MN SCHOLARSHIP COMMITTEE UPDATE

Leanne Knutson and Julie Long

Corporate solicitation letters for SWE Minnesota's Corporate Partner Scholarship Program were sent out this fall with some early positive response! We have already received funding for several Corporate Partner Scholarships for Fall semester 2006!

- \$2,000 Banner Engineering - Mechanical or Electrical Engineering
- \$1,500 Toro - Mechanical, Electrical, or Agricultural Engineering
- \$1,500 Boston Scientific - Biomedical or Mechanical Engineering
- \$1,000 Lockheed Martin - Systems or Software Engineering
- \$1,000 Ecolab - Mechanical Engineering
- \$1,000 MTS Systems Corporation - Mechanical or Software Engineering

Thank you to Banner Engineering, Toro, and Lockheed Martin for being new participants this year! Thank you too to Boston Scientific, Ecolab, and MTS Systems Corporation as past participants for their continued support of our Corporate Partner Scholarship Program!

The deadline for making a final commitment to the Corporate Partner Scholarship program is **November 1st, 2005** since the information will be published to the college students prior to their holiday break in December 2005. If you would like a packet of program materials to review for consideration even for next year's program, please contact Leanne Knutson at [scholarships@swe-mn.org](mailto:scholarships@swe-mn.org).

For further information on any aspect of the Scholarship Committee including one-time volunteer opportunities such as judging our SWE-MN and Corporate Partner Scholarships starting mid-March '06, contact Leanne Knutson or Julie Long at [scholarships@swe-mn.org](mailto:scholarships@swe-mn.org).



**Professional Development Meeting at St. Jude Medical  
November 29, 2005**

Whether you are responsible for a single process or an entire corporation, the success of your organization depends on you! Your success depends on getting things done through others. Leaders communicate a compelling vision, set goals and objectives, have a clear understanding of their strengths and abilities and then enlist the right resources. This discussion will focus on why leadership is “a people thing” and why it is important to build your leadership skills.

Peggy Holland has a BS in Art Education from Mankato State University, an AS Mechanical Drafting degree from Albert Lea Vocational Technical Institute, and a BS in Mechanical Engineering from the Institute of Technology at the University of Minnesota. She began her career as a design engineer at McQuay (an ice machine manufacturer) and went on to work as a Quality Engineer at Honeywell. She’s worked at Rosemount Engineering in the role of Manager of Procurement Quality and also as an Operations Manager for several years. She went on to work as the Director of Regulatory and Quality Assurance with Antares Pharma. More recently she was the Director of Quality for Velocimed, a start-up medical device company which was acquired by St. Jude Medical in April 2005. On the personal side, she has been married for 30 years to her husband, Arlen. They have two children and reside in Chaska.

Peggy has had the opportunity over her many years of diverse experience to observe others’ leadership styles and develop her own. She believes anyone can be a leader, regardless of their title/role in an organization.

**This meeting will offer PDH/CEU credits.**

- Time:** 6:30-7:00 pm Buffet Dinner/Networking  
 7:00-7:15 pm Welcome/Company Overview  
 7:15-8:15 pm Speaker: Peggy Holland,  
 Director of Quality at St. Jude Medical  
 Topic: “How to Develop Your Leadership Style”  
 8:15-8:30 pm Raffle Drawing/Closing Comments

**Location:** Cardiology Division  
 14900 Minnetonka Industrial Road  
 Minnetonka, MN 55345



**Directions:** Via 494 South or 494 West, Take Minnetonka Boulevard West, Turn left onto Williston Road (stoplight), Go one block to Minnetonka Industrial Road, Take a right onto Minnetonka Industrial Road and go one block to U-Shaped building on the right hand side of the road  
 Parking: Park in any of the St. Jude Medical reserved parking spots.

**Cost:** \$10 for SWE members  
 \$13 for non-members  
*Cancellations by November 23rd will receive a full refund. No refunds issued after November 23rd.*

**RSVP:** By **Wednesday, November 23rd**, please return the form below or email to [novpd@swe-mn.org](mailto:novpd@swe-mn.org)

**Questions:** E-mail [novpd@swe-mn.org](mailto:novpd@swe-mn.org)

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

Send this form and check (made out to SWE-MN) by November 23 to:

Heather L. Johnson  
 4755 Park Commons Dr. # 344  
 St. Louis Park, MN 55416

## **New Member / New Grad Event**

*Charlene Knealing and Erin Penne*

Tuesday, October 4<sup>th</sup> at 3M

There were many new faces among the 19 attendees at October's New Member / New Grad Event. The meeting was designed as a "How-to" on Networking. Dr. Susan Stanek, Training and Development Consultant, presented on "Strategic Networking: Quality vs. Quantity." First she had us identify what gets in our way of networking and work with a partner to come up with ways to overcome some of the larger hurdles. Then she offered some tips on who is in our network and how to start conversations. Other key points from her presentation were:

- Create a 10 second interesting introduction about yourself
- Build relationships, not contacts
- Follow up — send a thank you
- Create a database to keep track of your network

Dr. Stanek was also very open to answering our questions and gave excellent examples for each situation discussed. It was a very fun and informative meeting!

---

## **November Professional Development Meeting at BAE Systems**

*Tricia Walker*

The BAE Systems event held on October 19<sup>th</sup> was awesome! As we entered the lobby, we were greeted by interactive displays on BAE Systems' technology and project base. Attendees enjoyed the women in engineering and science displays as well. Following check-in, the evening started with an optional presentation in the Visual Integration Laboratory and pulsed power demonstration video. A wonderful buffet style dinner was served where SWE members and BAE Systems employees had a chance to meet one another and network. After dinner, the attendees enjoyed hearing from three amazing women. The women's experience ranged from the Deputy Director of Army Programs (Louise Morgan), to a lead electrical HW/SW integrator with over 20 years experience (Susan Greimel), to a young controls engineer (Kellene Hadrava). All speakers work at BAE Systems currently. Kellene shared her experiences during field service work she just recently completed, Susan discussed the changes she has witnessed in her 20+ years of experience at BAE Systems, and Louise, also an ex-helicopter military pilot, talked about being effective in a male dominated field. All in all, the night was quite enjoyable and had rave reviews! Thank you to all who attended and thank you to BAE Systems for a great event!

**Holiday Party  
Saturday, December 10, 2005**

Please join us for dinner and Holiday games at the Chanhassen Dinner Theatres!

**Time:** 5:00 - 8:00 pm

**Location:** Chanhassen Dinner Theatres  
501 W. 78th Street  
Chanhassen, MN 55317

**Directions:** The theatre is located two blocks north of Minnesota State Highway 5 on Great Plains Blvd. Follow State Hwy. 5 west to Chanhassen. Turn right on Great Plains Blvd and take the first left past the railroad tracks into Chanhassen Dinner Theatres' parking lot. Or visit the website, [www.chanhassentheatres.com](http://www.chanhassentheatres.com).

**Cost:** \$10 per person  
Alcoholic beverages may be purchased separately  
*Cancellations by November 30 will receive a full refund. No refunds issued after November 30.*

**RSVP:** By **November 30**, please return the form below or email to [pd@swe-mn.org](mailto:pd@swe-mn.org)

**Questions:** E-mail [pd@swe-mn.org](mailto:pd@swe-mn.org)

**Gift donations to Women's Advocates, Inc. will also be accepted to help those less fortunate than us have a better Holiday season. Please bring a small, unwrapped gift if you wish to donate.**



Name: \_\_\_\_\_

Send this form and check (made out to SWE-MN)  
by November 30 to:

Company: \_\_\_\_\_

Tricia Walker  
8680 Marigold Circle # 221  
Eden Prairie, MN 55344

Email: \_\_\_\_\_

November 3-5	National Society Conference - Anaheim, CA
November 10	Scrapbooking Networking Event (Page 12)
November 15	Web Seminar (Page 3)
November 17	Executive Council Meeting at Guidant Corporation
November 29	Professional Development Meeting at St. Jude Medical (Page 14)
December 10	Holiday Party (Page 16)

Visit our website at [www.swe-mn.org](http://www.swe-mn.org)



SOCIETY OF WOMEN ENGINEERS  
PO BOX 582813  
MINNEAPOLIS, MN 55458-2813

CHANGE SERVICE REQUESTED