



SOCIETY OF WOMEN ENGINEERS MINNESOTA SECTION



September 2002

Expanding Your Horizons

Volume 16, Issue 1

President's Message

Great Beginnings

Julie Long

I can't believe it is fall already. It seems that summer just arrived. The Executive Council (EC) met once during the summer for our big strategic planning meeting. The section goals that we outlined for the upcoming year are challenging, but I believe achievable and it should be fun to watch the various committee chairs implement their plans. I'm excited to get back in the swing of SWE things this fall and think we have a great year planned. I love our theme for the year, *Expanding Your Horizons*. I'm always looking for opportunities to grow both personally and professionally and SWE offers great opportunities to do just that.

It is nice to see new faces on the EC-- they bring new ideas and a fresh viewpoint. **Liz Vacarello** has moved to Minnesota from the Santa Clara Valley section and is helping us with our fundraising efforts this year. She has innovative ideas and I believe will have a wonderful impact on our section this year. A HUGE thank you to **Cheryl Bernstetter** and **Laura Kerdus** for volunteering to be our Continuing Development Co-

Chairs. These two people are responsible for planning the great meetings we will have in this upcoming year. If you would like to get more involved with SWE, consider being part of their committee and learn valuable planning skills that can transfer back to your job. Once you have planned a SWE event with speakers, food, logistics you can apply the same skill set to planning a project with clients, budgets and deadlines. I'm happy to see **Laura Goetzke** returning to the EC as one of our Outreach Co-Chairs.

I just received my Conference confirmation in the mail and I'm excited to go to Detroit. It is the first conference I'll be going to since my days as an undergrad and I'm eager to see things from a new perspective. We hope that Minnesota can get together as a group sometime during that week, so if you are planning on attending let me know.

Feel free to contact me with any issues or concerns you may have and be sure to check out the website for the latest SWE-MN information. I look forward to seeing you at a meeting this year.

Julie

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Welcome to New Members

Welcome to our newest Minnesota Section members:

Tonia Wold
Dominique Cotter
Elizabeth Vaccarello

We look forward to meeting you at future SWE-MN event!



**COR Report****Allison Pedersen and Jessica Raby**

The role of the Council of Representatives (COR) is to represent the Section at Regional and National meetings and to ensure that the Section acts in accordance with the Society and Section Policies. The Council of Representatives meets annually at the National Conference. This year's conference, "The Art of Engineering", is scheduled for October 9-12 in Detroit, MI. Another role of the COR is to report on the activities of our Section to the Region H Director, Naomi Brill, four times throughout the fiscal year.

The first Board of Directors (BOD) meeting took place on July 27. At this meeting, Society President, Rachel McQuillen discussed the FY03 Society goals. These include membership, fund development, and creating a compelling message for SWE. Also discussed at the BOD meeting was the creation of a Membership Dues Task Force. This task force has been asked to look at value for membership dollar issues, including compiling information on what other societies do and reviewing our dues structure. This task force has been asked to present their findings at the COR meeting in October. Since the COR determines membership dues, it is expected that a dues

increase will be voted on at the COR meeting. Please let us know if you have any concerns or comments on this.

The new, proposed by-laws which will incorporate the recommendations from the COR and BOD Transition Team Reports will be voted on at the COR meeting. These by-laws can be found on the web at <http://www.swe.org/SWE/cor.htm>. The Society is interested in your feedback and welcomes your questions and concerns about the new proposed bylaws! To facilitate this, an electronic process has been created which allows you to click on *Bylaws_Review*, which will open a pre-addressed email screen. You can type in the question/comment, send the email, and check back on the web to review the answers. You can also contact us with questions/concerns. The intent is that all issues will be addressed by the end of September for voting in October.

If you have any other questions or concerns relating to SWE at the Regional or National level, please let us know. We look forward to seeing as many SWE-MN members as possible at the National Conference in Detroit, MI October 9-12!

*Newsletter Editor*

Alla Geretz (763) 514-1938
alla.geretz@medtronic.com

Web Master

Susan Thomas (715) 549-6340
schlett@yahoo.com

President

Julie Long (612) 373-6431
Julie_long@urscorp.com

Vice President

Alyse Stofer (651) 481-7410
astofer@datasci.com

Secretary

Tracy Engnes (612) 207-7583
tracyengnes@hotmail.com

Treasurer

Cathy Krier ((763) 514-4972
cathy.krier@medtronic.com

COR

Allison Pedersen (952) 892-4875
allison.pedersen@goodrich.com

COR

Eunice Kwei (763) 574-5571
eakwei@msn.com

Programs Co-Chair

Cheryl Bernstetter (952) 828-3594
cheryl.bernstetter@emersonprocess.com

Programs Co-Chair

Laura Kerdus (651) 456-2943
laura.c.kerdus@imco.com

Outreach Co-Chair

Laura Goetzke (651) 578-1141
lgoetzke@yahoo.com

Outreach Co-Chair

Sarah Schostag (952) 892-4745
sarah.schostag@goodrich.com

Scholarship Co-Chair

Naomi Brill (651) 636-8676
naomi.brill@swe.org

Scholarship Co-Chair

Leanne Knutson (952) 949-7578
Leanne.knutson@emersonprocess.com

Student Liaison (U of M)

Sharon Kurtt (612) 624-4090
kurttt002@tc.umn.edu

Student Liaison (UST)

Naomi Brill (651) 636-8676
naomi.brill@swe.org

Membership Chair

Laura Thysell (952) 949-1651
laurajthysell@eaton.com

Fundraising Chair

Liz Vaccarello (612) 338-1074

Public Relations

Jayshree Desai (612) 337-2243
jayshree.b.desai@xcelenergy.com



Scholarship Committee
Leanne Knutson and Naomi Brill

The Scholarship Committee, and especially its Co-Chairs, would like to invite new faces to join us in our work this coming year! We offered our first Corporate Partnership Scholarship last year and plan on increasing participation this year. We got a great response in terms of student interest in our scholarship program, with applicants coming from 9 of the 10 schools targeted. Our Certificate of Merit program reached 90+ students in 55+ Minnesota high schools last year and is expected to grow again this year.

The increase in our levels of activity means that we really need additional help from section members. We have a good time, conduct most of our business by e-mail, and would really like to get to know more people. We have tasks to share that are both big and small, recurring and one-time, so please consider helping us! Stop by our poster at the Open House or contact Leanne Knutson at Leanne.Knutson@EmersonProcess.com or Naomi Brill at naomi.brill@swe.org to join us.

The Society of Women Engineers • Open House



Please join us for our Open House!

This is a great chance to get to know members of the SWE-MN section and find out about the exciting activities planned for the year.

The theme of this year's programs is
Expanding Your Horizons.

Thursday, September 12, 2002

5:30 - 7:30pm

To Be Held at Rosemount Inc.

12001 Technology Drive – Eden Prairie

- From 494W, take 212 W exit – Stay to the left – Take a left onto 212 – Right on Technology Drive – Turn Left into Rosemount/Emerson Driveway – Park in lower parking lot and go in main entrance
- Further directions will be sent to those who RSVP

Dinner will be provided!
{No cost for attendance}

Please RSVP by Sept. 6th to Cheri at
 (952) 828-3594 or
 cheryl.bernstetter@EmersonProcess.com

BRING A FRIEND FOR FREE!

SWE-MN is introducing a new "free pass" program this year. Every SWE member is entitled to one "free pass" to give to a non-member to attend one meeting this year at no cost. You can bring a friend to our next meeting or save your "free pass" to bring someone to Spring Seminar -- it's your choice!

Remember, the Open House on September 12th is FREE for everyone, so please bring as many friends as you want!

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



Outreach

Laura Goetzke

Do you have a passion for engineering? Maybe that is a dumb question for someone reading this newsletter. But if you do, you might be interested in sharing that passion with others – young or old. One of the goals of SWE is:

To inform young women, their parents, counselors, and the public in general of the qualifications and achievements of women engineers and the opportunities open to them.

Outreach (aka, Career Guidance) is a great way to meet this goal.

Our goal as Outreach co-chairs is to promote engineering to the local community – through hands-on activities, panel discussions, workshops, and presentations. Our initial task will be to create Outreach kits. These kits will include hands-on activity guidelines and materials. We'll tell you about future plans (Engineers Week, Girl Scouts, Space Day) in the next newsletter.

If you are interested in Outreach – either being on the committee, helping at an event, or assembling Outreach kits – please contact us. We'd be happy to have your input. In the meantime, check out the SWE's Career Guidance web site for more information on career guidance in other sections and at the national level.



STEPS Follow-up Outreach Volunteers Needed November 2nd

STEPS, a Science, Technology, and Engineering Summer camp sponsored by the Society of Manufacturing Engineers and the University of Saint Thomas, introduces girls between 6th and 7th grade to science and technology. For the first time, STEPS is doing four follow-up sessions for camp alumni. SWE-MN has the privilege of hosting the first of these sessions and seeks 8-10 volunteers to help with the activities planned for the girls. We'll have an egg-mobile competition and make ice cream and asphalt. This is a great chance to share your interest in engineering with future engineers.

Date: Saturday, November 2nd

Time: 9:00 AM to Noon

Place: University of Saint Thomas

If you can help for any or all of the time, please contact Laura Goetzke at (651) 578-1141 or lgoetzke@yahoo.com.

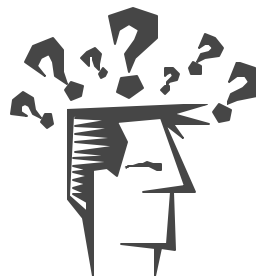
Riddles

Riddle #1

I have keys that open no locks,
I have space, but there is no room,
You can enter, but you can't go in.
What am I?

Riddle #2

What 5 letter word typed in all capital letters can be read the same upside down?



The answers are posted on our website at:

<http://www.pressenter.com/~swe>



**SOCIETY OF WOMEN ENGINEERS MINNESOTA SECTION
OCTOBER 2002 CAREER DEVELOPMENT MEETING NOTICE**

Expanding Your Value & Worth Horizons: Why Should I (*Hire, Promote, Fire*) You?

So, how would you respond to this question? Like it or not, the people you work for are required to ask these questions. You have the job of giving them information to help them make their final decisions. Join Dr. Gary Jurek as he walks you through what employers are looking for when they make decisions that impact you. And yes, we will also assess your answers.

Gary Jurek, Ph.D., president of Capitol View Consulting, has over thirty years training experience in both academic and corporate settings. He is a Project Management Institute Registered Education Provider Charter Member. Dr. Jurek has special expertise in strategic planning, organizational development, project management, resource development, leadership assessment, and interpersonal communication skills. Academic affiliations have included the University of St. Mary's in Minnesota, University of St. Thomas, Hamline University, and the University of Minnesota. Recent clients include Medtronic, Car-gill, StorageTek, Lockheed-Martin, Unisys, DBM, St. Paul Public Schools, and Best Buy Corporation.

When: Tuesday, October 8th, 2002

6:00 to 8:30 PM (Dinner and Presentation)

Where: Lockheed Martin Tactical Systems

Cost: Meeting & Dinner: \$10 for SWE members or \$13 non-members

Meeting ONLY: \$5 for SWE members or \$7 non-members

Cancellations by Oct. 2nd will receive a full refund. No refunds issued after Oct. 2nd.

RSVP: by Wednesday, October 2nd by returning the form below or emailing Laura at laura.c.kerdus@lmco.com

Questions: Call or email Laura at 612-269-4773 or laura.c.kerdus@lmco.com

Directions to Lockheed Martin:

The facility is located on the NW corner of Pilot Knob Rd and Yankee Doodle Rd in Eagan, Minnesota. Please park in the south lot. To get there turn west onto Yankee Doodle Road and it will be the first right.

Lockheed Martin Tactical Systems, 3333 Pilot Knob Road, Eagan, MN 55121

From the Airport - Take HWY 5 West (Bloomington-Richfield exit) to I494 East. Exit on Pilot Knob Rd. Go South on Pilot Knob Rd to Yankee Doodle Rd.

From Minneapolis - Take 35W South to I494 East. Exit on Pilot Knob Rd. Go South on Pilot Knob Rd to Yankee Doodle Rd.

From St. Paul - Take 35E South to Yankee Doodle Rd. Go West 1/2 block to Pilot Knob Rd.

.....
 _____ Yes, I will be attending the October 8th Career Development Mtg, "Expanding Your Value & Worth Horizons: Why Should I (*Hire, Promote, Fire*) You?"

Name: _____ Phone: _____ Email: _____

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

Lockheed Martin Tactical Systems
 Attn: Laura Kerdus M/S: U2M27-02
 3333 Pilot Knob Rd
 Eagan, MN 55121

SWE Outreach Event Volunteer Opportunity

Susan Brady at the University of St Thomas has contacted me about SWE helping out with an upcoming outreach event.

When: Tuesday, October 22nd
9am to 12:30pm

Where: St Paul campus of the U of MN

There is a keynote speaker that will start out the morning (Al Newman - 3rd base coach for the MN Twins) and then the students will go off into four breakout sessions. The first two sessions are from the "Get Ready" program at the U - they will be working with the students about goals and planning.

The next session is Career Jeopardy - they will be showing the students what types of careers are out there for them to explore. The final session will be SWE - we are in the "featured career" category - each year they feature a career and bring in speakers - last year was Randi Kaye from Channel 4 news.

The kids involved in this event are of junior high age - most of them are potential first-generation college-bound kids. They're looking for women engineer speakers that can talk for 4 - 20 minute sessions. Basically about how you got into engineering - did anything spark your interest when you were a kid? What kinds of things did you have to go through to get there?

I'm trying to come up with a quick experiment that you could do for the first 10-15 minutes while you talk to the kids about it and yourself and use the rest of the time for questions and answers. Silly putty is one of the first things that comes to mind...

Allison Pedersen has already volunteered to be a speaker at this event, but would like another member to accompany her to give a second perspective to the students.

If you would be able to help out with this event, please contact me by e-mail or phone (work - 952.892.4745 / home - 651.463.9656) as soon as possible.

Member News



Congratulations

To Susan Thomas and Dereck Schlett on the birth of a beautiful baby boy, Ethan Thomas on May 4th, 2002! He was 6 lbs 7 oz and 19" long.



Congratulations

To Caroline Koerner (formerly known as Caroline Tobey) on her marriage to Joe Koerner on August 10th, 2002!



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**SOCIETY OF WOMEN
ENGINEERS**



- Sept. 12 Open House – See page 3 for details
- Sept. 18 SWE EC Meeting
- Oct. 8 Career Development Meeting – See page 5 for details
- Oct. 22 SWE Outreach Volunteer Opportunity – See page 6 for details
- Oct. 24 SWE EC Meeting
- Nov. 2 SWE Outreach Volunteer Opportunity – See page 4 for details
- Nov. 18 SWE EC Meeting
- Dec. 10 SWE EC Meeting



Visit our website at
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**SOCIETY OF WOMEN ENGINEERS
PO BOX 582813
MINNEAPOLIS, MN 55458-2813**

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