



Society of Women Engineers - Minnesota Section

"Leveraging Shared Visions"

Volume 17, Issue 4, March 2004

President's Message

Alyse Stofer

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With the temperature rising and the snow melting, signs of spring are all around us. The changing seasons also means its time again for the annual Region H Conference and Spring Professional Development Seminar, as well as the executive council elections.

Sixty-three professional members, fifteen of them from Minnesota, attended the Region H Conference in Madison. For those keeping track, that means about 24% of professional attendees were from Minnesota, which is fantastic. The Region H conference provided excellent networking opportunities, as well as a variety of programs for both professional and personal development. I am already looking forward to the next Region H Conference, which will be held February 11-13, 2004 at the University of Notre Dame, and especially the National Conference in Milwaukee October 13-16, 2004.

The annual Spring Professional Development Seminar is right around the corner, along with the days without heavy jackets and mittens. There will be a plethora of personal and professional development programs offered during the seminar. In fact due to generous contributions from Medtronic, Honeywell and Rosemount, the seminar will be held from 8am through 4pm on Saturday, March 20. I would like to thank the sponsors of the seminar, in addition to the Professional Development Co-chairs, **Cheri Maboudou-Tchao** and **Caroline Koerner**, and their eight-member committee for making this event possible.

As spring arrives, it is an excellent time to review the different leadership opportunities available in our section. Most chair and committee positions do not require any experience and time commitments vary. If you are interested in being part of the FY05 Executive Council as a co-chair or committee member, please contact me at president@swe-mn.org. Being part of the Executive Committee provides various opportunities for outreach and networking, and also opportunities for personal growth in areas such as communication, planning and leadership. In addition to chair and committee positions, there are six elected Executive Council positions including President, Vice President, Treasurer, Secretary and two Council of Representative positions. I would like to extend my gratitude to **Sarah Schostag** for volunteering to be our Nominating Committee Chair for a third year. If you are interesting in participating in the FY05 Executive Council and running for an elected position, please contact Sarah at newsletter@swe-mn.org.

Look for more information about the Region H conference, Spring Professional Development Seminar and upcoming elections in this newsletter and our website at www.swe-mn.org. I look forward to seeing you at an upcoming event, without your winter boots on. Happy Spring!

**SWE-MN
Executive Council**

President

Alyse Stofer
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president@swe-mn.org

Vice President

Tracy Engnes
vp@swe-mn.org

Secretary

Jessica Raby
secretary@swe-mn.org

Treasurer

Liz Lehrkamp
treasurer@swe-mn.org

COR

Allison Pedersen
cor@swe-mn.org

COR

Julie Long
cor@swe-mn.org

Membership

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membership@swe-mn.org

Programs Co-Chair

Caroline Koerner
programs@swe-mn.org

Programs Co-Chair

Cheri MaboudouTchao
programs@swe-mn.org

Outreach Chair

Holli Pheil
outreach@swe-mn.org

COR Report

Julie Long & Allison Pedersen

The Region H meeting was held in Madison, Wisconsin on February 7. FY04 Budget and Section Vitality was reviewed along with the proposed Region H Award program. Since the Society bylaws passed in October the Region will be working on new revised regional bylaws. One of the items that may change from the current bylaws is implementing a two-year Secretary term that is opposite the regional governor term. It is believed that this would allow a more seamless transition within the region. The revised bylaws would also list how a region governor vacancy would be filled along with the selection of alternates for the Regional Council.

The Regional Nominating Committee was formed with Allison Pedersen of the Minnesota Section selected as the Nominating Committee Chair. If you have a suggestion for a candidate for the Regional Officer Positions or would like to volunteer please contact Allison at allison.pedersen@goodrich.com

FY05 Planning is underway and a preview of President Elect Brown's objectives was shared.

- Ensure a smooth transition for the BOD/COR to the new organizational structure
- Planning should continue for the Society sponsorship of E-week in 2006
- Take the Professional Development opportunities to a higher level. Incorporating technology & professional partnership along with some type of program for Executive level women
- Move beyond Gender, color and numbers in relationship to diversity

If you have any questions or comments please contact either Julie or Allison at cor@swe-mn.org

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 an upcoming meeting or save your "free pass" for the annual Spring Seminar - it's your choice!

SWE Member's Name: _____

Friend's Name: _____

Meeting Date: _____

Offer good through 6/30/2004

Welcome to New Members

John Abraham
Nga Duong
Thelma Gutierrez
Stacey Hartung
Heather Johnson
Marcella Jones
Mary Sands
Susalyne Sowada
Particia Walker
James Young



Summary of the January Meeting at Eaton – Finance for Non-Financial Managers

By Cheri Maboudou-Tchao

On Tuesday, January 20th, 28 people attended the professional development meeting at Eaton Corporation in Eden Prairie where the topic was "Finance for Non-Financial Managers". The evening began with dinner and a welcome and introduction of Eaton by Scott Deakin, Director of Finance and Planning. Then, Karen Radford, Engineering Supervisor, spoke about the many Eaton products. Eaton was founded in 1911 by J.O. Eaton and the world headquarters are located in Cleveland, OH. The Eden Prairie facility is the headquarters of the Hydraulics Division, which is the largest segment of the Fluid Power Group.

Scott Deakin then began the finance for non-financial managers discussion. Mr. Deakin discussed financial statements and how to read them, ratio analysis, how product costs are determined, how companies and investment decisions are valued, how to leverage fixed versus variable costs, and which better drives shareholder value – sales vs. costs vs. capital. Mr. Deakin offered several examples to explain these challenging topics and to demonstrate how we could use the information in making our decisions. He was very well prepared and did an excellent job covering a lot of material in a short amount of time.

Scavenger Hunt @ The Mall of America Jennifer Bharucha

Twenty-two women arrived at the MOA on February 4th ready to have some fun and get to know some new people. The group was split into teams for the Scavenger Hunt and each team was given a list of 30 questions in which they had to identify a specific store at the MOA. Fifteen of the questions required the team to go the specific store to have their team picture taken in front of the store. After racing through the mall for an hour, everyone was ready to relax and have dinner at Famous Dave's while the results of the Scavenger hunt were compiled and the pictures were developed. Team Minnesota which consisted of Liz Lehrkamp, Holly Woodson, and Cinda Lohmann were the winners of the Scavenger hunt but everyone went home a winner with a Super Savers MOA book to use on their next visit.

Awards & Recognition

Susan Thomas
awards@swe-mn.org

U of Minnesota Counselor

Sharon Kurtt
counselors@swe-mn.org

U of St Thomas Counselor

Naomi Brill
counselors@swe-mn.org

Fund Development

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Scholarship Co-Chair

Leanne Knutson
scholarships@swe-mn.org

Speakers Bureau

Laura Kerdus
speakers@swe-mn.org

Webmaster

Jen Desrude
webmaster@swe-mn.org



Laura Matter has
changed jobs. She is
now working for Toro.

MEMBER NEWS



Congratulations to Sherri & John
McDaniel, and their family on the
birth of their beautiful baby boy.

Caden James McDaniel
8 lbs 5 oz
21 inches
Nov. 6th, 2003 @ 12:55pm

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E-MAIL: degrees@cdtl.umn.edu

WEB SITE: www.cdtl.umn.edu

Scholarship Report Naomi Brill & Leanne Knutson

Information on the Minnesota Section Scholarship program for 2004 has been mailed out to students in colleges and universities in MN, SD and ND. For the first time, the information and application are also posted on our website!

Applications are due by March 15th, and judging must be finished by April 30th. We need 5 judges from multiple engineering disciplines; if you are interested in donating about 6-7 hours of your time between March 22 and April 22 to judge our applicants, please contact Naomi Brill at scholarships@swe-mn.org, or 651-636-8676.

We are also in the process of preparing our annual mailing to Minnesota high schools, providing them with information about the Society's Freshman Scholarship Program, and our Certificate of Merit program. If you would be able to provide copying services, envelopes, or postage for this mailing (420 envelopes with 5 double sided pages inside), please contact Naomi Brill (see info above).

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.





Society of Women Engineers

ASPIRE • ADVANCE • ACHIEVE

Society of Women Engineers – Minnesota Section 11th Annual Spring Professional Development Seminar Leveraging Shared Visions

Join us for the 11th Annual Spring Professional Development Seminar sponsored by the Minnesota Section of the Society of Women Engineers, Medtronic, Rosemount, and Honeywell. This event is historically the most popular event of the year. Registration is required, so RSVP early! Dress is business casual and breakfast and lunch are provided. Watch your mailbox for full seminar details in early March.

When: Saturday, March 20, 2004
8:00 AM. – 4:00 PM

Location: Medtronic World Headquarters
710 Medtronic Parkway
Minneapolis, MN 55432-5604

Cost*: When you pre-pay by 3/16/2004:
\$25 Members
\$30 Non-members
\$20 Students/Members in Job Transition

When you pay at the door:
\$30 Members
\$35 Non-members
\$25 Students/Members in Job Transition

Cancellations by March 16th will receive a full refund. No refunds after March 16th.

* Cost includes breakfast and lunch

RSVP: springseminar@swe-mn.org

Schedule of Events:

7:30-8:00	Registration/Breakfast	
8:00-8:30	SWE Business Meeting/Officer Nominations	
8:30-9:00	Medtronic Welcome	
9:00-9:50	Keynote Presentation – Amy Lindgren of Prototype Career Services	
10:00-10:50	Project Management	Negotiation and Persuasion
11:00-11:50	Effective Body Language	Work and Life Balance
12:00 – 1:20	Lunch with Keynote Presentation – Chris Blanchette of Medtronic	
1:30-2:20	Women's Health and Nutrition	Money Matters for Women
2:30-3:20	Self Defense	Dress for Success
3:30-4:00	Wrap Up/Door Prizes/Evaluations	

Please fill out this form and return it by **March 16th** if you will be attending the 11th Annual Spring Professional Development Seminar "Leveraging Shared Visions".

Name: _____

Company: _____

Email: _____

Send this form and check (made out to SWE-MN) by March 16th to:
Rosemount Nuclear Instruments
Attn: Cheryl Maboudou-Tchao
M/S PE16
8200 Market Blvd
Chanhassen, MN 55317



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Emerson Process Management
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New Member Welcome Committee Laura Matter

Would you like to meet more SWE members? Become a part of our New Member Welcome Committee!

The SWE-MN Executive Council is exploring ways to reach out to new members of our section and are looking for current members to help.

The time commitment to be a part of this committee is minimal. You will be matched up with a new member of our section the month that she/he joins. You would be expected to send this new member one e-mail welcoming her/him to the section and mentioning a few of our upcoming events. To welcome her/him further, you could plan to meet up at the next SWE meeting or networking night so that she/he has someone to look for upon arrival. If you choose, you could meet up for lunch or coffee. The rest is up to you!

Please e-mail me at membership@swe-mn.org if you're interested.





SOCIETY OF WOMEN ENGINEERS MINNESOTA SECTION
April 2004 PROFESSIONAL DEVELOPMENT MEETING NOTICE
LEVERAGING SHARED VISIONS

Diversity Meeting: Facilitation Skills **Karen Zais of Twin Fusion Consulting**

April 14th, 2004

Facilitation 101: Proficiency and Practice

Have you ever been awed by really skilled facilitators? Have you ever led or been part of a contentious project meeting and wished you had some of those skills yourself? Being a good facilitator is partly skill and partly experience. Come to this interactive session to add to your toolbox of facilitation tips and tricks and gain some experience facilitating in this non-threatening environment filled with fellow SWE members.

Agenda:

6:00-6:30 Dinner

6:30-8:30 Workshop



Where: VanSickle, Allen and Associates
 2955 Xenium Ln N, Plymouth, MN 55441

Directions: 494 to 55, left on Northwest Blvd, left on Xenium

Cost: \$10 for SWE members (\$5 meeting only)
 \$13 for non-members (\$7 meeting only)
Cancellations by April 9 will receive a full refund. No refunds issued after April 9.

RSVP: By **Friday April 9**, please return the form below or email to aprilprogram@swe-mn.org

Questions: E-mail aprildiversity@swe-mn.org

Please fill out this form and return it by **April 9** if you will be attending the April 14 Professional Development Mtg, "Karen Zais-Diversity Meeting"

Name: _____
 to:

Company: _____

Email: _____

Send this form and check (made out to SWE-MN) by April 9

Jennifer Bharucha
 16712 Thatcher Road
 Eden Prairie, MN 55347



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**UNIVERSITY OF MINNESOTA
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The University of Minnesota is an equal opportunity educator and employer.

SWE-MN will be holding a **Girl Scout Patch Day** on Saturday, April 3rd from 8:30am to noon at the Guidant Facility. This event will teach 100 Girl Scouts from 4th to 6th grade about engineering and at the end of the day the girls will get a SWE Patch to wear on their vests.

We are currently looking for several volunteers to help in the following areas:

- Mechanical Engineering – Eggmobile Competition – Design a car using LEGOs and other supplies which will transport Mr. Raw Egg
- Chemical Engineering – Learn how to make Ice Cream
- Civil Engineering – Learn about the properties of asphalt paving by making Asphalt Cookies
- Electrical Engineering – Learn the basic circuitry of a light bulb, switch and power supply
- Environmental Engineering – watch a video presentation about this interesting field

Volunteers will be needed from approximately 8am to 12:30pm. If you are interested in volunteering for this event, please contact Holli Pheil at outreach@swe-mn.org.



Changes are coming...

Starting in September 2004, the SWE-MN newsletter will be going to electronic format.

We are going to test out the new system starting with the **MAY 2004** newsletter. It will be distributed in **BOTH** electronic **AND** paper format. At that time, you will have the choice as to which way you would like to receive your copy. More information about the change will be included in the May 2004 newsletter.



If you have any questions about this change or know that you would like to receive your copy in a particular format, please email: newsletter@swe-mn.org

**APRIL CONTINUING DEVELOPMENT MEETING – JOINT MEETING W/ASME:
Behind the Rides @ Valleyfair**

Date: Wednesday April 21, 2004 at 5:30 PM

Place: Valleyfair -- employee entrance

One Valleyfair Drive
Shakopee, Minnesota 55379

www.valleyfair.com

We will look at "Steel Venom"

(new linear induction ride),

"Power Tower", and "Wild Thing".

We will not ride any rides.

Cost: Tour & Dinner \$10 for SWE/ASME members

Tour ONLY \$5 for SWE/ASME members or

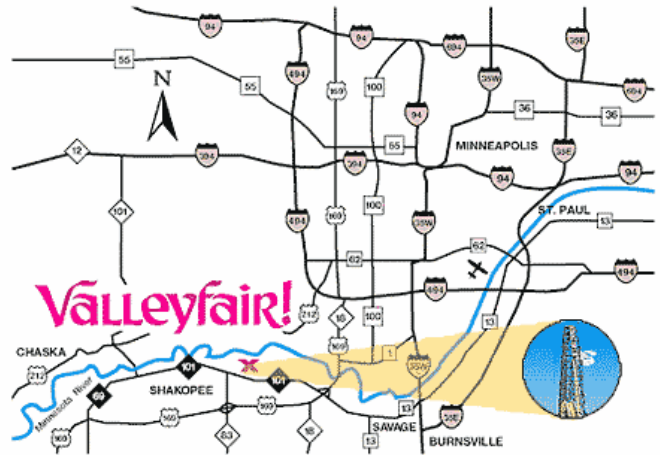
Cancellations by April 16 will receive a full refund.

No refunds issued after April 16.

RSVP: **Space is limited** and will be filled on a first come first served basis (max 30 people).

Reservations are required for this event.

For reservations, contact apriltour@swe-mn.org by April 16.



Directions: The park is located off of highway 101 in Shakopee. See map above.

Parking: Do not use the main guest parking lot.

Take the service road 0.5 mile west to the employee parking area.

March is Women's History Month

The theme this year is "Women Inspiring Hope and Possibility". The 2004 theme delivers a message of compassion and spirit of American women, and eight inspirational and courageous women are recognized in celebration of their accomplishments. The women's stories and more information about Women's History Month can be found at www.nwhp.org.

Take our Daughters & Sons to WorkSM

The 2004 "Take Our Daughters and Sons to Work" day will be Thursday, April 22. This year's theme is "Today's Vision, Tomorrow's Reality", which will focus on our daughters and sons dreams for their future work, home and community. If you would like to take part in this program, and your employer does not currently have a program in place, check out the website www.takeourdaughtersandsonstowork.org for more information. This is an excellent opportunity to introduce girls and boys to engineering.

Nominations for Minnesota SWE 2004-2005 Officers

It is that time of year again, when we assemble a nominating committee to solicit candidates to fill our Section's offices for the coming fiscal year. We are soliciting candidates for the offices of President, Vice-President, Secretary, Treasurer, and two (2) Council of Representatives:

- **President:** authorized leader of the Section, presides over general and executive committee meetings. Responsible for overseeing activities of the Section and all the committees
- **Vice President:** performs duties of the President in her/his absence. Also responsible for overseeing and coordinating Career Guidance, Scholarship and Student Liaison activities.
- **Secretary:** maintains minutes of meetings and carries on correspondence as directed by the President of Executive Committee.
- **Treasurer:** responsible for managing Section funds and preparing monthly budget reports. Oversees activities of the Fund Development committee.
- **COR (Council of Representatives), two positions:** act as the official contact between the Section and the national governing council. File section reports with the Regional Director; represents the Section in Region H.

If you, or someone you know, are interested in one of these outstanding opportunities to practice your leadership skills, contact Sarah Schostag at newsletter@swe-mn.org. Nominations will also be sought from the general membership at the business meeting preceding the Spring Professional Development Seminar on March 20th at Medtronic. Ballots will be mailed in April, with the election results announced in May.

MEMBER NEWS



Congratulations to
Leanne & Trevor Knutson
on the birth of their
beautiful daughter,
Kendra. Kendra is also
welcomed by big brother
Tyler and big sister
Kyla.

Kendra Terese Knutson
8 pounds 6 oz
19 ½ inches
Born Feb 12



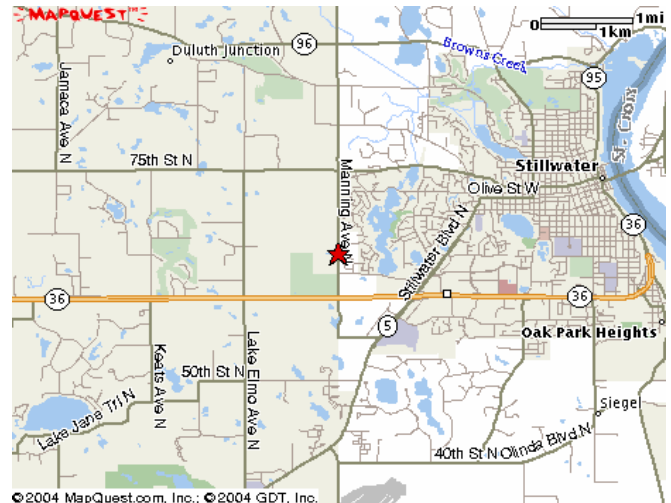
**SWE-MN MAY YEAR-END EVENT:
St. Croix Vineyards Winery Tour and Tasting
Families Welcome**

Wrap up an exciting SWE-MN year of "Leveraging Shared Visions" by relaxing at St. Croix Vineyards' winery tour and tasting. Enjoy an informative tour through the beautiful vineyards while sipping a glass of wine (21+ only). Learn about the various types of vines grown at SCV and the different techniques used to produce healthy, bountiful vines. Get a behind the scenes look at how SCV makes their wines. Learn about the barrels, tanks, presses and other winemaking equipment. The tour is followed by a tasting of SCV wines and will be complemented by cheese and crackers (21+ only). Tour and tasting will last approximately 1.5 hours.

Date: Friday, May 21 2004, 6 PM sharp

Place: St. Croix Vineyards
6428 Manning Ave. North
Stillwater, MN 55082

Cost: Ages 21+ cost is \$10 for
SWE members/ \$13 non-members.
Under 21 no charge (sorry no tasting).
Families welcome.
Note that dinner is NOT included in this
event.



Cancellations by May 18 will receive a full refund. No refunds issued after May 18.

*Following the event, a group will meet for dinner at the Freight House in Stillwater, 305 Water St S, Stillwater, MN 55082. This gathering is not sponsored by SWE-MN.

RSVP: By May 18th. Reservations are required for this event.
E-mail mayprogram@swe-mn.org or mail RSVP slip and payment to Jennifer Bharucha (see below).

Directions: See map below. From 36 East, turn North (left) onto Manning. Drive approximately ¼ mile. Turn left at the winery/orchard sign into St. Croix Vineyards. Proceed to parking.

Please fill out this form and return it by **May 18th** if you will be attending St. Croix Vineyards Tour and Tasting.

Name: _____ Send this form and check (payable to SWE-MN) by
May 18th to:

Company: _____

Email: _____

Jennifer Bharucha
16712 Thatcher Road
Eden Prairie, MN 55347

March	Women's History Month (Page 9)
March 16	EC Meeting
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March 20	Spring Professional Development Seminar (Page 5)
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April 3	Girl Scout Patch Day (Page 8)
April 14	Diversity Meeting: Facilitation Skills (Page 7)
April 19	EC Meeting
April 21	Valleyfair Tour (Page 9)
April 22	Take Your Daughters & Sons to Work Day (Page 9)
May 12	EC Meeting
May 21	Wine Tasting Tour (Page 11)
July 14-18	GS Jamboree

Visit our website at ***www.swe-mn.org***



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

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