

Willamette Valley Section News

November/December 2008

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Engineers Week

Banquet

Feb. 23rd



Society of Women Engineers

ASPIRE • ADVANCE • ACHIEVE

President's Letter

Lorraine Wang

Happy New Year!

Happy New Year everyone! I hope everyone had a relaxing holiday and managed to survive our unusual winter weather. With the start of the new year, SWE kicks into high gear with January and February jam-packed with activities, the culmination of which is our 10th annual Engineers Week banquet. We've had great turnout at our recent programs and member meetings, so I hope we can translate that energy into volunteer participation for upcoming events.

December Member Meeting

Last month, we called a special member meeting to vote on changes to our section bylaws. I'd like to extend my thanks to Roberta Stinson for adapting our current bylaws to fit the new SWE template. By standardizing our bylaws, it should now be easier to keep them up-to-date. One of the key changes with this update is that future SWE business has the option of being conducted by proxy. While this is a great convenience, we actually had a fantastic turnout of 20 paid members (out of 44) for our meeting and easily met our quorum requirement. The meeting actually served as a great opportunity to catch up with other SWE members, so there is something to be said about continuing to conduct SWE business in person. If you're interested in reviewing the new bylaws, you can find them on the SWE Communities forum from www.swe.org by joining the Willamette Valley Section Community.

Call for Volunteers!

As mentioned above, we have a very busy schedule of SWE events for the next few months and volunteers are needed for most of them.

The bulk of our volunteer needs are for our Career Guidance committees. This month, judges are needed for Essay Contest and Scholarship. In addition, we have two upcoming Girl Scout workshops, one in January and another in February. While we are busiest in the next two months, we also need volunteers for a Saturday Academy engineering workshop in April. This event may appear to be far in the future, but our Pre-College Outreach chair is always looking for help to develop new engineering demos for middle school students.

In addition to our Career Guidance committees, our Banquet committee is also in need of volunteers to help make our annual banquet a success. This year, the banquet is co-sponsored by the OSU College of Engineering and our keynote speaker is NASA astronaut Dr. Donald R. Pettit, so we can expect it to be our biggest banquet yet.

Please consider volunteering to help out with upcoming events by contacting the appropriate person listed below. I wish everyone a happy and successful new year and hope to continue seeing a high level of participation in our SWE programs.

- Essay Contest -- Jenny Shih (jenny.shih@hp.com)
- Scholarship -- Peggy Koch (peggy_koch@hp.com)
- Girl Scouts -- Andrea Knight (andrea.knight@hp.com) and Becky Clark (becky.clark@hp.com)
- Pre-College Outreach -- Srilata Thirunagari (srilata.thirunagari@hp.com)
- Banquet -- Toni Doolen (toni.doolen@oregonstate.edu) and Patty Kellar (patty.kellar@hp.com)

Who's Who

Executive Council

President: Lorraine Wang

541-715-4020, lorraine.c.wang@hp.com

VP, Professional Development:

Melissa Martinez

541-926-4211 ext. 6001

melissa.martinez@wahchang.com

VP, Career Guidance: Celeste Baine

541-747-2405, celbaine@aol.com

Treasurer: Clara Swearingin

541-715-1342, clara.swearingin@hp.com

Secretary: Abbie Kimerling

541-757-2047 ext. 217

abbie.kimerling@imtech-or.com

Section Representative:

Roberta Stinson

541-715-2830, roberta.stinson@hp.com

Section Rep Alternate: Becky Clark

541-715-7734, becky.clark@hp.com

Committee Chairs

Banquet: Toni Doolen, toni.doolen@swe.org and Patty Kellar, patty.kellar@hp.com

Certificate of Merit: Andrea Knight, drea228a@gmail.com and Nancy Beaudry, nancy.beaudry@wahchang.com

Essay Contest: Jenny Shih, jenny.shih@hp.com

Fund Development: Myra Long, myra.long@hp.com

Girl Scouts: Andrea Knight, drea228a@gmail.com and Becky Clark, becky.clark@hp.com

HP Liaison: Patty Kellar, patty.kellar@hp.com

Membership: Kathy Lane, ljeff44@msn.com

Newsletter Editor: Amy Welter, amy.welter@swe.org

Nominating Committee Member (elected): Meredith Myers, meredith.myers@hp.com

OSU Counselor: Deanna Lyons, kashka1@comcast.net

Pre-college Outreach: Srilata Thirunagari, srilata.thirunagari@hp.com

Professional Development Programs: Laura Kramer, lbnkmk@gmail.com and Zhuqing Zhang (ZZ), zhuqing.zhang@hp.com

Publicity: Barbara Hazlett, barbara_hazlett@hp.com

Scholarship: Peggy Koch, peggy.koch@hp.com

Webmaster: Celeste Baine, celbaine@aol.com



SWE Meet a Member: Erica Pohl



Where do you work?

Imaging and Printing Group at Hewlett Packard in Corvallis. I am currently working in the Inkjet Products Lab organization.

What is your current job?

I am working as a mechanical designer working in an R&D group. I design fluidic systems that deliver ink to inkjet print heads at the right flow rate with regulated pressure.

What is your engineering training and experience?

I got my BS in Mechanical Engineering from the University of Washington in Seattle. Prior to going to engineering school, I attended a music school for a couple of years before deciding to change career paths. I had one Co-op internship at Genie Engineering in Redmond Washington that designed High-lifts. It was a design internship that gave a lot of exposure to manufacturing. It was a great experience. Also, during school I worked for the Center for Women in Science and Engineering and helped with retention of freshman women in engineering as well as gathering data for a long term retention rate study going on at the university.

When did you first consider engineering as a career?

I decided to try engineering when I decided that growth of a thick, impervious skin was not progressing as fast as needed to enter the professional music world. It was a good call. Also, I had always been pretty decent in science and math, and enjoyed those subjects in school. I was also heavily influenced by my dad and brother, who are both engineers as well, not to mention both my maternal and paternal grandfathers were engineers as well.

When did you first get involved in SWE?

I became involved in SWE some time after hiring into HP back in 2001. I didn't participate in SWE during college because most of my extra time was spent at WiSE, Women in Science and Engineering on campus.

What is your favorite part of SWE?

I enjoy the social time and getting to know other women of similar backgrounds.

SWE involvement:

For two years I worked on the Certificate of Merit program.

Interesting things about me:

I actually have found it easier to work with men than it is to work with women. And I recently took a brain test that told me I am equidistant between the masculine and feminine extremes. Check out this test from BBC news:

http://www.bbc.co.uk/science/humanbody/sex/add_user.shtml

What are your hobbies?

I enjoy spending time with my husband Matt and my dog Santi, who is a Chihuahua. I really enjoy experimentation with cooking and am interested in nutrition. I'm a pretty active outdoors person, and love back country Nordic skiing and XC skiing. I am addicted to running and run almost every day to maintain fitness. I enjoy longer distance running races and ultra marathons. I also recently started getting involved in music, and am playing with the OSU orchestra.

Visit our website at <http://wvs-swe.engineeredu.com/>

Calendar of Events

JANUARY

- 7 EC Meeting, Elmer's in Albany
- 24 Girl Scout Workshop, 9 am, HP-Corvallis
- 28 Small Business Workshop, 5:30 pm, BEC
- TBD Meet'n Greet Lunch

FEBRUARY

- 23 EWeek Banquet, 6 pm, CH2M Hill Alumni Center
- 28 Girl Scout Workshop, 9 am, HP-Corvallis
- TBD EC Meeting
- TBD Meet'n Greet Lunch

MARCH

- TBD EC Meeting
- TBD Meet'n Greet Lunch

Local News

Girl Scout Workshops Need Volunteers!

Please contact the SWE Girl Scout Chairs, Becky Clark (becky.clark@hp.com) or Andrea Knight (drea228a@gmail.com), if you would like to volunteer for either of these annual workshops.



Engineering 101

Join women engineers and Oregon State University engineering students for a fun morning of hands-on activities designed to introduce Brownie or Daisy Girl Scouts to the exciting world of engineering.

Open to: All Brownie or Daisy Girl Scouts

Date: January 24, 2009

Time: 9:00am-11:30 am

Place: McFadden Room on HP site (1000 NE Circle Blvd, Corvallis, OR 97330)

Bridge Design

Join women engineers from throughout the Willamette Valley for a hands-on engineering design session. Girls will be divided into teams of three to five girls. Each team will work together to design, purchase supplies, build, and test a bridge. A professional design engineer will work with each team. At the end of the design cycle, each team will have their product inspected and tested by engineers.

Open to: All Junior Girl Scouts

Date: February 28, 2009

Time: 9:00am-11:30 am

Place: McFadden Room on HP site (1000 NE Circle Blvd, Corvallis, OR 97330)

Professional Development

SWE Workshop
Jan. 28th

Small Business Workshop &
Panel Discussion
See next page for details!

Business Boot Camp

For those who are seriously considering starting a new company, or are currently in the process, there is another program that may be useful: Business Boot Camp – "...learn from top notch experts about key topics for the small business start-up including legal issues, marketing, finances, finding money for your company, pitching your company, and much, much more." Boot Camp runs Friday evening and all day Saturday once per month for three months. The first session is on January 23rd (before our workshop). Check it out at <http://thebec.com/BootCampDetails.htm>

Note: This is a non-SWE-sponsored event.

Visit our website at <http://wvs-swe.engineeringedu.com/>

**Thinking of starting a small business?
Worrying about the budget and finance
of your home business?**

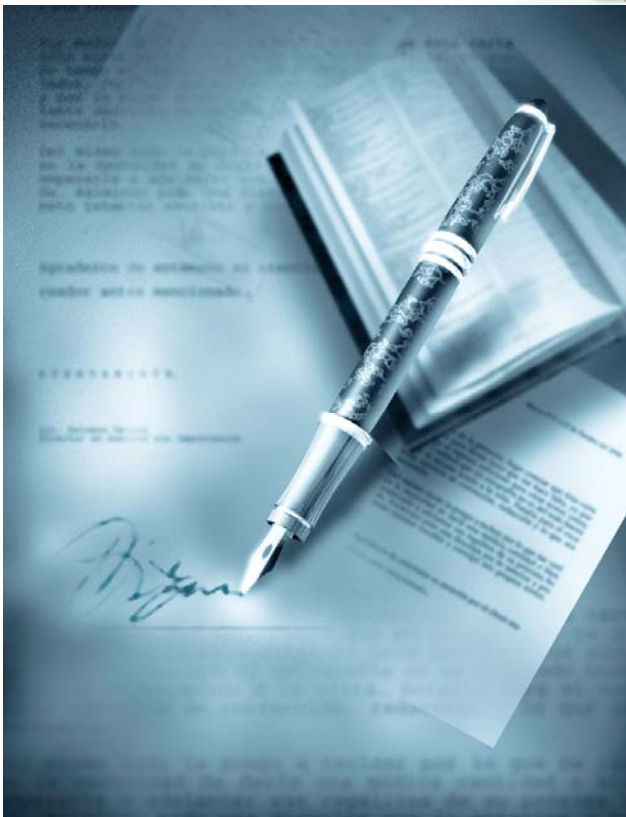
SWE-WVS presents workshop on

Starting a Small Business

**Featuring
Kathleen Hutchison, Executive Director of BEC**

**Jan 28th, 2009
5:30-8:00**

**Business Enterprise Center
Located at Corvallis Airport Business Park
1965 SW Airport Ave., Corvallis**



RSVP

To Cindy Dahl
cdahl@onami.us
By Jan 23rd

**Dinner included
Free for SWE members and a small
cost to non-members**



**Society of
Women Engineers**

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January 5, 2009

The Willamette Valley Section of the Society of Women Engineers and Oregon State University College of Engineering are sponsoring the 10th annual Willamette Valley Engineers Week banquet. For over 50 years, Engineers Week has helped to promote awareness of the engineering profession and to encourage young people to consider a career in engineering. In celebration of this event, we invite you, your colleagues, and your guests to attend this banquet.

We are pleased to announce that Dr. Donald R. Pettit, NASA Astronaut, OSU College of Engineering Alumnus, and a native Oregonian will be will be our keynote speaker. Dr. Pettit has logged over 176 days in space. He just recently (November 2008) returned from the STS-126 Endeavour mission. During this 16-day mission, the living quarters of the space station were expanded, and Dr. Pettit operated the robotic arm for a total of four spacewalks.

The banquet will be held Monday, February 23, 2009 at 6:00 p.m. at the CH2M Hill Alumni Center on the Oregon State University Campus in Corvallis, Oregon. We hope that you can join us to celebrate the many contributions made by engineers to our community.

Please return the attached RSVP form by February 16, 2009 if you plan to attend. If you need more information regarding the banquet, do not hesitate to contact me at doolen@engr.orst.edu or (541) 737-5641.

Sincerely,

A handwritten signature in black ink that reads 'Toni L. Doolen'.

Toni L. Doolen, PhD
Engineers Week Banquet Co-Chair
Willamette Valley Section
Society of Women Engineers

BANQUET RSVP FORM

The cost of the banquet is \$30 per attendee. If you wish to sponsor a student to attend the banquet (in full or part), please indicate the amount of sponsorship on the registration form.

You may also sponsor a table (8 tickets). Please provide the names of all individuals at your table, and if you would like to sponsor students at your table, indicate the number of students.

All checks should be made payable to SWE-WVS.

RSVP's and checks are due on February 16, 2009. Mail checks and the RSVP form to the following address:

Society of Women Engineers
ATTN: Engineers Week Banquet
PO Box 576
Corvallis, OR 97339-0576

Name _____

Title _____

Company _____

Name(s) of Guest(s) _____

Number of vegetarian meals _____

Total number attending _____ x \$30.00 = \$ _____

Student Sponsorship (optional) \$ _____

Total \$ _____

OR

Table Sponsorship \$240.00 \$ _____

WVS-SWE Executive Council Meeting Minutes

December 4, 2008

Scribe: Abbie Kimerling

Attendees: Lorraine Wang, Roberta Stinson, Melissa Martinez, Clara Swearingin, Abbie Kimerling, Toni Doolen

Member Meeting: Section Bylaws Approval

- Lorraine does not have enough RSVPs yet to reach quorum for December 11th member meeting. Not sure if paid member email list includes all currently paid members. Expects to be able to make quorum with HP employees. [Lorraine will send reminder email, make sure all paid members receive.](#)
- Roberta to coordinate food.

Band Account/CD

- CD with scholarship endowment funds at Umpqua Bank was rolled into savings account (also at Umpqua, also scholarship endowment funds) due to poor interest rates.
 - An online bank can provide much better CD rates. However, since Clara leaving in August, we would need to have at least one other person on the account.
 - [Clara to look into rates, logistics for changing persons on the account, tax exemption issues, and verify FDIC insured. Will contact EC for vote by email if suitable option discovered.](#)
- Need to change persons on checking and savings accounts at Umpqua Bank: remove Amy Welter as past president and add Lorraine Wang as current president.
 - Abbie made the motion to remove Amy Welter as an owner from the Umpqua Bank accounts. Melissa seconded the motion.
 - o All approved, none opposed, none abstained.
 - Clara made the motion to add Lorraine Wang as an owner to the Umpqua Bank accounts. Melissa seconded the motion.
 - o All approved, none opposed, none abstained.
 - Clara needs the meeting minutes reflecting the votes on section letterhead to bring to Umpqua. [Abbie to provide the electronic document to Clara.](#)

Banquet

Toni provided information about banquet planning so the EC can work on coordinating the event when Toni and Patty step down after the 2009 banquet.

Speaker

- Need to plan for in advance, at least one year. If nationally known, booking several years in advance may be needed.
- Notify speaker of the E-Week theme for that year. Make sure speaker understands mixed audience (professionals, college students, younger students from scholarships and essay contest).

Location

- Need to plan for in advance. CH2MHill Alumni Center the best for our numbers, and price for location and food reasonable. Toni can help in the future with getting OSU discount.

Coordinators/responsibilities

- Good to have a coordinator at HP (Site Council funding, contacts with sponsors) and a second coordinator to work with OSU (students, banquet location, food). Toni can help with contacts for OSU coordinator.
- OSU College of Engineering Undergraduate Office coordinates student attendees (typically have fewer no-shows than professionals).
- Student honor society worked check-in for 2008 banquet, introduced student attendees with sponsors. The COE Undergraduate Office can provide contacts for event workers.

Banquet purpose

- Purpose of banquet is professional networking.
- Prefer to have more professionals than students: need to have sponsors pay for mix of employees and students, not just students.

Funding

- Have HP Site Council funding again for this year, looks like will probably have in the future.

2009 Banquet details

- College of Engineering paying for speaker. They are planning other activities also. Toni to meet with marketing to discuss event promotion: want more faculty to attend.
- Jenny Shih is helping out, may take over HP coordinator position next year.

Council of Representative (COR) Changes

Roberta reported on changes made to COR at the National Conference.

- Two professional and one student representative per region will make up COR. Representatives will be elected at the same time as National SWE elections are held. COR representatives will attend national and regional meetings, with travel funds set aside. No travel funding for alternates.
- Each section will still have a section representative to attend region meetings.

Round Table

Toni

- Needs P.O. box key for banquet replies. Clara provided her key.

Roberta

- No news from bylaws committee yet as to whether our bylaws changes are acceptable. Go forward with

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the planned member meeting on December 11th, the risk is that we would have to hold a second vote if changes are required.

Lorraine

- Peggy Koch has accepted the position of scholarship chair.

- [Everyone should work on a list of potential speakers for future banquets.](#)

Action Items Review

Next Meeting:

Wednesday, January 7th, 2009. Elmer's in Albany.

December 11, 2008

Scribe: Abbie Kimerling

Attendees: Sangita Betrabet, Becky Clark, Carol Dixon, Corrina Hall, Barbara Hazlett, Abbie Kimerling, Margaret (Peggy) Koch, Laura Kramer, Myra Long, Melissa Martinez, Meredith Myers, Jenny Shih, Katrina Sloma, Roberta Stinson, Clara Swearingin, Srilata Thirunagari, Debora Thomas, Lorraine Wang, Amy Welter, Julie Wrazel

Agenda & Introductions

- Lorraine Wang brought the SWE Member Meeting to order and reviewed the agenda.
- Members in attendance introduced themselves, including SWE committee/officer position and employer.
- By our current bylaws, quorum is fifteen voting members or 33 percent of voting members (15), whichever is smallest. Quorum was met. All members in attendance were paid members of SWE.

If we need to make further changes to the bylaws, we will need to have another member vote. Gathering enough members to meet quorum could be an issue; having members vote by email or mail would improve turnout.

- Katrina Sloma made the motion to accept absentee ballots for future membership votes. Peggy Koch seconded the motion.
 - All approved, none opposed, none abstained.

Section Bylaws Changes

- Roberta Stinson presented the proposed section bylaw changes.
- In 2003, SWE National updated bylaws and created a new template, removing procedural information from the bylaws (e.g., committee information).
 - Some changes to our bylaws were called for by the new template.
 - We also are making some changes to the template (e.g., adding a second Vice President and changing the number of member needed to make quorum).
- Peggy Koch made the motion to approve the current bylaw changes. Melissa Martinez seconded the motion.
 - All approved, none opposed, none abstained.
- Roberta has submitted our bylaws changes to the bylaws committee, but they have not been approved.

Upcoming Events

- Girl Scout events at HP in January and February.
- Engineering Week banquet in February.
- Scholarship and essay contest entries will start arriving soon, will need judges to help with selection for both.
- Member meeting for January: starting own business panel discussion at the Business Enterprise Center (BEC).

Fund Development

- Myra Long reported 19 packets with fund development and section publicity information sent to local companies.
- Will need help with follow-up with the companies in January.