

# SWE-EWS-NEWS



Society of Women Engineers, Eastern Washington Section  
PO Box 364, Richland WA 99352  
[www.eastwashingtonswe.org](http://www.eastwashingtonswe.org)

## Opening Notes

SWE Members and Supporters,

Welcome to the new SWE year! We have some great events coming up that I hope you can attend.

The very first event this year is our Membership Growth Event. This event will give you an opportunity to meet current SWE members, give you a change to get involved, and learn what SWE can do for you. Don't forget, bring a friend and receive a prize!

Other events include our Halloween Party, a social event where you can bring your friends and family, and the Fall Business Meeting where we discuss SWE at the section and national levels.

We also have some great opportunities for getting involved, including section committee positions and regional positions. Please let us know if you are interested or have any questions.

Hope to see you soon!

Dimple Patel  
EWS President  
[Dimple.h.patel@gmail.com](mailto:Dimple.h.patel@gmail.com)

## Upcoming Events

Sep 21 <sup>st</sup>	Membership Growth Event
Sep 30, 2011	Annual Membership Renewal Deadline
Oct 13–15 <sup>th</sup>	Annual SWE Conference Chicago
Oct 29 <sup>th</sup>	Halloween Party
Nov 1 <sup>st</sup>	Fall Business Meeting
Nov 15 <sup>th</sup>	Professional Development Event
Dec 6 <sup>th</sup>	Christmas Party



## Inside this Issue

Opening Notes	1
Membership Reminder	1
Upcoming Events	1
Membership Growth Event	2
At the Library...	2
American Girls Sweep Google Science Fair	2
Travel Notes	3
ASME Section Meeting	3
Halloween Party	3
Dinner-in-a-Pumpkin	3
SWE Annual Conference in Chicago	4
Counselors Needed	4
Congratulations!	4
Positions	5
Contacts	5

## Membership Reminder



Don't forget to renew your SWE National Membership! The membership year is July 1, 2011– June 30, 2012.

To keep your SWE membership active for the upcoming FY12 fiscal year that began July 1, 2011 you must renew by September 30, 2011. (this date is earlier in the past – there is less of a grace period) Annual dues are still a bargain at \$100 – for Professional Member renewal, \$70 for Recent Grads and Unemployed/Retired, and \$20 for Students.

## Membership Growth Event

Join us September 21st for our Membership Growth Event. This is a great opportunity to learn more about SWE and network with other members.

Where: Richland Holiday Inn Express  
1970 Center Parkway Richland  
(Just off Tapteal near Kohl's)

When: 6:30 PM

Why: to meet other engineers, find out more about SWE, get involved in upcoming projects and activities.

The event starts off with 30 minutes of meet and greet, followed by a presentation on what SWE is all about. There will be ice-breaker games and prizes. Food and drinks will be served, and members who bring a friend will receive a gift!

RSVP: [easternwashingtonswe@gmail.com](mailto:easternwashingtonswe@gmail.com)



## At the Library...



Remember our great lunch keynote speaker at the 2010 Region J Conference? “*Among Warriors: a Woman Martial Artist in Tibet*” Pam Logan, is now available at the Richland Library due to Alice Orrell’s request. Putting in a book request is a great way to get the word out to the public about great books, people and ideas.

Do you have a great book you’d like to recommend or review for the newsletter? Send your article to the newsletter editor.

## American Girls Sweep Google Science Fair Awards

From Yahoo! News at <http://news.yahoo.com>

Bucking the perception of a male-dominated science world, a trio of American girls swept the first Google Science Fair, earning \$100,000 in scholarships and other prizes.

Held last week, the Google Science Fair crowned 17-year-old Shree Bose its grand prize winner for her work with chemotherapy drug cisplatin, a common treatment for ovarian cancer. The Texas student figured out a way to counteract cells’ resistance to the drug over time and allow it to maintain its effectiveness.

Sort of makes you ponder what you were doing in high school at that age, eh?

For her efforts, Bose was awarded a \$50,000 scholarship, a 10-day trip to the Galapagos Islands with a National Geographic researcher, and an internship at the CERN particle physics laboratory in Switzerland.

Joining Bose in the winner’s circle was Oregon student Naomi Shah, who won the bracket for age 15 to 16 contenders with her research on the effects of air quality on lungs and how it can affect asthmatics’ reliance on medication.

Lauren Hodge of Pennsylvania won the age 13 to 14 category with an interesting study of marinades and their carcinogen-reducing effects on grilled meats. She found that lemon juice and brown sugar significantly reduced the level of cancer-causing elements, while soy sauce actually increased the danger posed by grilling meat.

Shah and Hodge each won a \$25,000 scholarship, as well as internships at Google and LEGO.

The three girls were chosen from among more than 10,000 students from 91 countries who entered the Science Fair. After the entries were narrowed down to 15 finalists – composed of nine boys and six girls – the remaining contenders presented their projects to judges last week.

Video of the awards presentation is available at the [Google Science Fair](http://www.google.com/sciencefair) website, as well as the guidelines for entering the 2012 competition.

## Travel Notes

Ann, Mike and Nicole Langevin traveled to the Boston area this summer. Included in their trip was one site of particular technical interest: One of the Boston areas newest museums devoted to the history of technology, the Waterworks Museum. The museum educates visitors about the engineering and architecture of one of the country's first metropolitan water systems.

The museum building is the original pumping station constructed in the 1880s. It is built in a distinctive Romanesque style, and appears from the outside to resemble a medieval town hall. The structure houses three massive steam- engine driven pumps that operated until the 1970s. The facility reflects an Industrial Age that celebrated the beauty of the machine and clad it in beautiful architecture. Some of the original research on microbiology-related to water treatment originated at this location. More information on the museum can be found at [www.waterworksmuseum.org](http://www.waterworksmuseum.org). It is well worth a visit for anyone interested in the history of the technology of early municipal water systems.

Have you traveled somewhere of interest? Please send your story to the newsletter editor.

## ASME Section Meeting: "Important Update on Hanford Ground Water Cleanup"

September 14, 2011, 5:30 PM  
FREE Pizza & Drinks – compliments of ASME Columbia Basin Section

Presented by Dib Goswami, lead hydrogeologist at the Washington Department of Ecology's Nuclear Waste Program in Richland, the presentation will take a closer look at the history the 80 square miles of contaminated groundwater at Hanford, the cleanup that's underway, and plans for the future.



## Halloween Party

The SWE Eastern Washington Section Halloween party is coming up October 29, 2011. The party will be at Alicia's new house at 5PM. Look for more information to come in a future email update. See below for last year's award winning recipe in the pumpkin iron chef competition.

## Dinner-in-a-Pumpkin

Contributed by Wanda Munn

Choose a medium-sized, round, edible variety of pumpkin, wash and wipe dry. Carefully cut the top off in one piece so that the opening is large. Set the top aside. Thoroughly clean the stringy pulp and seeds from inside. Preheat oven to 400 F, and prepare the stuffing.

- 1 pound pork sausage (Jimmy Dean works just fine)
- 1 1/2 pound ground beef
- salt and pepper to taste
- 2 T brown sugar
- 2 T pumpkin pie spice
- 2 14.5 oz. cans chicken stock
- 1 1/2 cups long grain and wild rice mix (the Rice A Roni boxes do nicely)
- 1 10 oz. can each -- condensed cream of celery and mushroom soups
- 1 6 to 8 oz. box of sliced mushrooms

2 cups (or more if you like) French cut green beans (frozen are fine)

Over medium heat, mix pork and beef in a large skillet, stir until evenly browned. Mix in salt, pepper, pumpkin pie spice, and brown sugar. Drain the meat mixture thoroughly; mix in chicken stock and rice. Cover and cook 25 to 30 minutes until rice is tender. Add the 2 soups, mushrooms, and green beans. Mix well and spoon into the pumpkin. Replace the top on the pumpkin, place the pumpkin on a sturdy baking sheet, and bake 1 hour in the preheated oven, or until the pumpkin is tender.

To serve, remove to platter and garnish as desired. Scoop some of the cooked pumpkin pulp to accompany each serving of filling mixture. Enjoy!

## SWE Annual Conference in Chicago



Registration is now open for the SWE Annual Conference. Check out the conference information at the SWE National Website:

Raise the heights of innovation with more than 5,000 women engineers and technologists at the WE11 Conference, October 13-15 in Chicago.

Whether you are an experienced professional or a collegian looking to start your career, you can:

- Participate in valuable professional development sessions
- Network with other engineering professionals and students
- Find your dream job at the Career Fair, featuring more than 200 companies, government agencies and universities
- Experience Chicago through numerous technical and sight-seeing tours
- Enjoy exciting plenary sessions, keynote speakers and awards banquets, including Celebrate SWE!
- Relax in the Lava Lounge, where you can read inspiring stories of SWE women and share your own

### Counselors Needed

Get Involved!

Counselors are needed for the following Collegiate Sections: U of I, Montana State, WSU, and Gonzaga. Position tasks include coordinating with the student section to help them plan events and interface with the professional sections. Contact Region Governor, Wendy Obenauf, at [Wendy.l.obenauf@intel.com](mailto:Wendy.l.obenauf@intel.com).



## Congratulations!

Congratulations to SWE-EWS President Dimple Patel and Brian Curtis who were married on August 20<sup>th</sup> 2011 in Albany, Oregon.



*The Society of Women Engineers (SWE) is a not-for-profit educational and service organization that empowers women to succeed and advance in the field of engineering, and to be recognized for their life-changing contributions as engineers and leaders.*

## Positions

**Thank you to Amanda Tyler** who has volunteered to serve as the Chair of the Professional Development Committee! Other Chair & Committee positions are still open. E-mail [easternwashingtonswe@gmail.com](mailto:easternwashingtonswe@gmail.com) if you are interested in more information about any of the following positions for the 2011-12 year:

- Awards Committee Member - work with Awards Chair Renee Slocumb to nominate EWS members and the section for awards within SWE and the community.
- Career Guidance/Outreach Chair - If you enjoy inspiring girls in math and science, this position is for you! As outreach chair, you will coordinate outreach events including the SWE Special Award at the Mid-Columbia Science Fair.
- Membership Chair - Friendly/outgoing person wanted to welcome new SWE members to the section! Other tasks include organizing an event to teach potential members about the benefits and opportunities available through SWE.

CONTACTS		
Position	Name	E-mail
President	Dimple Patel	Dimple.h.patel@gmail.com
Vice President/ Programs	Michelle Parker	myparker@bechtel.com
Secretary	Jennifer Williamson	Jennifer.Williamson@pnl.gov
Treasurer/ Finance Chair	Colleen Smalley	smalley.colleen@gmail.com
Section Rep. Nominating Chair	Alicia Boyd	alicialane@gocougs.wsu.edu
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Awards Chair	Renee Slocumb	rcslocum@bechtel.com
Membership Chair	Open	
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SWE-EWS Webmaster	Jenny Stenkamp	jjstenka@bechtel.com
Region J Governor	Wendy Obenauf	Wendy.l.obenauf@intel.com

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Women Engineers

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