

SWE-April 2004

Society of Women Engineers – Eastern Washington Section  
P.O. Box 364 Richland, WA 99352 www.swe.org Region J001

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Upcoming Events

April 18, 2004	Region J planning at Richland Library
April 23-25, 2004	Region J Conference, in Tri-Cities
May 8, 2004	Breakfast Meeting at Hayden's
May 2004	Elect next Officers
June 2004	Annual Summer Picnic

Letter to SWE Members

Dear Members,

Hello Everyone! Spring and the warm weather are finally here. For those of you with children on spring break from school, I hope that this time is enjoyable. As an update, our Region J Conference plans are final and we are truly excited about conference activities. I wish to express my gratitude for all of the dedication, hard work, and pure devotion that our local members have given to ensure success of the Regional J Conference.

The conference's theme this year is "Women In Engineering: Pioneering the Trail of Success". The conference, held April 23 - 25 at the Royal Hotel and Conference Center in Richland, Washington, has a web site where conference information can be accessed at: <http://www.eastwashingtonswe.org/regconf04.htm>.

To add to the conference excitement, our National SWE President, Alma Martinez Fallon will be attending our conference. So far, the conference's agenda offers truly interesting events such as technical tours (Columbia Generating Station and Nine Mile Canyon Wind Farms), professional and career workshops. Also, let's not forget about the regional business meetings.

Friday evening is an exceptional event at the CREHST museum that in cooperation with the Humanities Washington will be hosting the local showing of Yesterday's Tomorrows: Past Visions of the American Future, a Smithsonian Institution traveling exhibition.

We are delighted to have Cathy Nelson, PE, Technical Services Manager/Chief Engineer with Oregon DOT as our Saturday Lunch keynote speaker who will be talking about "Expect Success: Professional Career with Oregon Department of Transportation (ODOT)".

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As a special honor to our local SWE members, Dr. Lura Powell, Advanced Imaging Technologies, Chief Executive Officer, who will talk to our group on the "Science and Engineering: Frontier for Leadership and Professional Growth for Women" during the Saturday evening events..

The evening is "topped-off" with a candle and cake splendor for the 50-year members, Sandy Brower and Isabelle French, celebrating their SWE membership and dedication to the society. And for those of you who have not seen the last free-flowing section of the Columbia River, we have coordinated with Columbia River Jet Boat Tours to offer a Sunday morning serenity cruise of the Hanford Reach.

I hope to see all of you at our conference!

Julie Dewberry  
Section President

Region J Conference  
"Women In Engineering:  
Pioneering the Trail of Success"

April 23 - 25, 2004

Royal Hotel and Conference Center  
Richland, Washington

Information: Access the website: <http://www.eastwashingtonswe.org/regconf04.htm>

Registration: Download the form at:  
<http://www.eastwashingtonswe.org/confregform.htm>

Location: Royal Hotel and Conference Center  
1515 George Washington Drive  
Richland, WA 99352

Program: Professional and career workshops  
Annual Regional business meetings

Schedule:

Friday Afternoon Registration and Tours  
Evening Official Opening and Reception  
Saturday Morning workshops  
Keynote Luncheon  
Afternoon Region J Student and Professional meetings  
Evening - 50 Year Membership Celebration  
Sunday Boat Tour of Hanford Reach National Monument

Hotel: Make your own reservations directly with Royal Hotel and Conference Center,  
<http://www.towerinn.net/> or (800) 635-3980. Conference rates are \$55/day for  
a queen single; \$60  
for a double. Rates cannot be guaranteed after April 5, 2004.

Conference Questions Contact:

Julie Dewberry ([jadewberry@duratekinc.com](mailto:jadewberry@duratekinc.com)), SWE-EWS President  
Tamara Franklin ([tnfrankl@bechtel.com](mailto:tnfrankl@bechtel.com)), SWE-EWS Vice President.

Region J Conference Planning  
Business Meetings

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1 to 3 pm  
Richland Library

We are hosting the Region J Conference April 23-25, 2004. This is a large event and we need volunteers to help with the many activities we have planned, you can contact Julie at 376-2522 or jadewberry@duratekinc.com. Planning meetings are open to anyone who wants to help and will be held Sunday April 18, 1:00 - 3:00 PM at the Richland Library. (No meeting Easter weekend, April 11)

Monthly Breakfast  
May 8, 2004 at 8 am  
Hayden's Place, across Burden Blvd from TRAC

Please come for a social breakfast to discuss work, kids or life in general. The next Breakfast meeting will be May 8 at Hayden's Restaurant, Burden Blvd., Pasco at 8:00 am. Please RSVP to Julie by May 7, 376-2522 or jadewberry@duratekinc.com

Mid-Columbia Science Fair

Recipients of SWE-EWS awards for excellent projects at the Mid-Columbia Science Fair are:

6th Grade Best Science/Engineering Project - Katherine Antoniak - Efficiency of Water Turbines  
6th Grade Honorable Mention - McKay Greenstreet - what style of bridge will hold the most weight?  
6th Grade Honorable Mention - Michelle Cannon - what antenna makes the loudest sound on a radio?

7th Grade Best Science/Engineering Project - Elise Jepsen - Fire!  
7th Grade Honorable Mention - Carmen Labissoniere - Tensile Strength and Water Vapor

Transmission of Plastic Food Bags

8th Grade Best Science/Engineering Project - Shruthi Baskaran - What interferes with wireless performance?  
8th Grade Honorable Mention - Kierea Meloy - Comparing different types of insulation and their ability to restart the flow of heat.  
8th Grade Honorable Mention - Jessica Clements - what will make a rubber band heat engine more efficient?

High School Best Science/Engineering Project - Amber Gonzalez - Edible Wraps: Food Spoiler or New Green Alternative

High School Honorable Mention - Megan Cornelius - Biofiltration of Environmental Pollutants

Engineer of the Year Award  
Engineer's Week 2004

New Tri-Cities Engineer of the Year Announced

Pamela K. Ankrum, a Senior Engineer at Energy Northwest, has been chosen by the Washington Society of Professional Engineers' Tri-Cities Chapter as the 2003 Tri-Cities Engineer of the Year. The selection was announced at the conclusion of the annual Engineers Banquet held February 27 at the Shilo Inn in Richland.

The award cites Ankrum's impressive record of professional, community, and technical accomplishments during the past year. During this time, she served as Chair of the Tri-Cities Technical Council and their successful School Science Grant Committee,

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judged and coordinated science fairs, assisted in the DOE Science Bowl, and was a technical participant in the Expanding Your Horizons program. The recipient of multiple "on the spot" awards for excellence by her employer, Ankrum has been the architect of crucial licensing advancements at Energy Northwest this year, as well as authoring a Licensing Engineer Qualification Guide. In her personal role as a parent, she chaired the Instrumental Music Boosters Ways and Means Subcommittee, assisted with the Kamiakin Swim Team, performed multiple services for Boy Scout Troop 128, and was a frequent contributor to activities organized for Head Start.

Ankrum was nominated for the award by the Society of Women Engineers (SWE), Eastern Washington Section where she is a past Section president. She is currently the Section's representative to the national Society for this area, and served as the elected speaker for the SWE governing body, the Council of Representatives (COR). In the latter capacity she chaired the 3-year transition team which wrote the new Bylaws initiated by the Society in 2003, as well as the (COR) procedures made necessary by the revised Bylaws document.

The new Engineer of the Year is a 10-year resident of Kennewick where she lives with her husband, Herb, and two children.

Other candidates for the award were Gordon A. Anderson, nominated by the International Council on Systems Engineering, and Cherri DeFigh-Price, nominated by the American Society of Civil Engineers (ASCE). DeFigh-Price was presented with ASCE's award elevating her Society status to that of Fellow during the banquet recognitions.

2003 Expanding Your Horizons (EYH)  
MAY 22

Do YOU want to encourage young ladies to study math and science? If you do, I have an opportunity for you. Assist EYH.

EYH is a conference for middle school girls to attend hands-on workshop to learn about future careers IF they continue studying math and science. Many conferences need volunteers and EYH is no different. Here are some activities that SWE members can do to help:

- \* Place an announcement poster (8 ½ X11) at work, or anywhere you think that young ladies and/or their parent(s) will see the information. Time commitment: As little as calling Cheryl to ask for posters and placing them in a location or locations.
- \* Contact a local publication, a television station, or radio station that announces community events. Time commitment: Find the format that the company wants, write a small announcement (I can help with that) and give the write-up to the company.
- \* Tell a middle school math or science teacher about the event. Even better, give them a teacher's packet which contains all the information they need about EYH and signing up. Time Commitment: How ever long you chat and time to give a packet to them. Call Cheryl for getting packets.
- \* Help on conference day. We need people to register the participants, to show and help presenters to their rooms, to do hall duty, videotape or take photos of some of the presentation, and evaluate presentations. Time commitment: As may hours you want to spend at the conference. The conference is from 8 am to 2:30 pm.
- \* Donate or find donations for our end of the day door prize give away. Door prizes range from being educational to entertaining. A few prizes for the teachers/adults are appreciated too. Time commitment: the time you need to look for an item or items.
- \* Ask your club, organization, or professional society to make a monetary contribution.

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If you're interested in volunteering, getting more information about the conference, or asking to send you a registration brochure, contact Cheryl Eiholzer either at work (372-6189, Cheryl.Eiholzer@pnl.gov ) or at home (375-5705, eiholzer-hoza@att.net ).

### National Convention 2004

Is MILWAUKEE on your calendar yet? If not, it's time to get moving. The 2004 national convention of the Society of Women Engineers is October 14-16 at the Midwest Airlines Center (spectacular!) in Milwaukee. Thousands of female engineers will be passing through registration; outstanding women from the board room, the laboratory, industry, government, the military, and the space program will be on the agenda. And where will you be?

If you're not already approved to attend the convention, you should get those fingers moving and send a written request for authorization to your management NOW. [A word to the wise -- if your employer works on the same fiscal year as the U.S. government, an October date will be the very first professional society meeting on their calendar for the 2004-2005 year. But your request should have already been submitted, so don't procrastinate!]

More? See [www.swe.org/2004](http://www.swe.org/2004) and [www.swe.org/2004/hotels.asp](http://www.swe.org/2004/hotels.asp).

[Second word to the wise-- It's better to make your hotel reservation right now and, if it turns out you can't make the trip, cancel later. The number of rooms with a conference rate guarantee are almost always reserved early, but there's no penalty for cancellation unless you wait until you're supposed to be in flight.]

### Elections May 2004

The current officers are almost finished with their run of duty so elections will be coming soon. New people with fresh ideas are very welcome to run.

#### President

1. Be the authorized leader of the Section.
2. Preside at all meetings of the Section and Executive Council.
3. Appoint the Chairs of all committees, with the approval of the Executive Council.
4. Authorize the signing of checks by the Treasurer.
5. Direct the Secretary to respond to all correspondence.
6. Ensure a transfer of all files and financial records is performed at the start of the fiscal year (July 1).
7. Oversee half of the standing committees and all of the special committees.
8. Assume all other executive duties not otherwise delegated.

#### Vice President

1. Perform all duties of the President in her/his absence or at his/her request.
2. Oversee half of the committees and report to the President and Executive Council on the committees' activities.
3. Serve as the Program Committee Chair.
4. Perform any other duties assigned by the Executive Council.

#### Secretary

1. Take minutes at all Executive Council Meetings and General Membership Business Meetings.
2. Flag items to be included in the Newsletter and deliver to Newsletter Chair following the Council meeting.
3. Send copies of the previous Executive Council meeting to all officers prior to each meeting.
4. Keep a file of all minutes.
5. Carry on the Section correspondence as requested by the President or the Executive Council.

6. Maintain the official copy of all Section Correspondence.
7. Order supplies of letterhead stationery, certificates, etc.; keep order forms available for committee chairs.

#### Treasurer

1. Be responsible for the collection, safekeeping, and distribution of all Section funds, as authorized by the President, providing the disbursement is within the guidelines of the approved Budget or with Executive Council approval for expenditures not within budget.
2. Prepare for the Section by October first, the proposed budget for term in office showing both income/expenditure descriptions and cash flow.
3. Prepare, maintain, and report as directed on the financial position of the Section in relation to the approved budget.
4. Advise the Executive Council regarding the financial condition of the Section and the appropriateness of proposed expenditures.
5. Keep an exact account of all receipts and expenditures for submission to the National Treasurer at the end of each SWE fiscal year.
6. Act as Chair of the Financial Committee.

#### Volunteer Leaders (From PNW Section Newsletter, February 2000)

All of our leaders in SWE are volunteers. Section Officers and Committee Chairs, Region Directors and officers, Society Committee Chairs, Officers and the President. All of these hundreds of people are doing 2 things: 1) contributing their time and energy to enable all of us to receive the benefits from the SWE experience; and 2) building and refining the specific communication and planning skills of leadership.

Like all volunteers, they have rights and responsibilities. The following list was adapted from a list received from Toastmaster - Region I (with a few minor wording changes) which originally came from a document from the Greater Vancouver Volunteer Services Society.

#### Rights of Volunteers in SWE

#### Responsibilities of Volunteer Leaders in SWE

- \* To be treated as a co-worker
- \* To be given a suitable assignment
- \* To know as much about the organization as possible
- \* To receive training for the job
- \* To receive continuing education for the job
- \* To have a regular evaluation of his/her volunteer performance
- \* To be given sound guidance and direction
- \* To be given opportunities for a variety of experiences
- \* To be heard
- \* To be recognized
- \* To receive enabling funds when needed as per applicable policies
- \* To be sincere in the offer of service and to believe in the value of the job to be done
- \* To be loyal to the organization and its leaders
- \* To maintain the dignity and integrity of the organization within SWE and with the Public
- \* To carry out duties promptly and reliably
- \* To accept constructive feedback on his/her performance
- \* To be willing to learn and to participate in orientation, training programs and events, and to continue to learn on the job
- \* To understand the function of the paid staff at HQ, maintain a smooth working relationship with them, and to stay within the bounds of volunteer responsibility

#### Contact Information

The officers would love to hear from you. Please feel free to contact any of the officers to answer your question.

#### President

Julie Dewberry

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About SWE

The Society of Women Engineers (SWE), founded in 1950, is a non-profit educational and service organization. SWE is the driving force that establishes engineering as a highly desirable career aspiration for women. SWE empowers women to succeed and advance in those aspirations and receive the recognition and credit for their life-changing contributions and achievements as engineers and leaders. For more information about the Society please visit [www.swe.org](http://www.swe.org) or call (312) 596-5223.