



**Division for the Advancement
of Women in
Engineering & Geoscience**

The EDGE Newsletter – January 2009 Issue

** Equity and Diversity in Geoscience & Engineering **

Dear DAWEG Members,

DAWEG hopes you enjoyed the holiday season and perhaps some extra “time off” due to the snowy weather. The Executive Committee is working to make sure that everyone is aware of the ways in which you can become more involved with promoting our professions and more connected to other members despite a reduction in ‘division’ specific events.

DAWEG Executive Committee

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EXECUTIVE COMMITTEE NEWS

1. December Executive Committee Meeting Brief

Efforts to change and rejuvenate DAWEG are still underway. Two volunteer opportunities are open on the DAWEG Executive Committee. These positions can be filled for a half year term and are a good way to get known and to get to know more about service with the Association of Professional Engineers and Geoscientists of BC. If you think one of these positions might be a good fit for you, please contact Bernadette @ daweg.chair@gmail.com.

Events –

Organize details for the DAWEG Annual General Meeting (AGM) in September, Holiday Social and Memorial in December, and Advisory Council Dinner (by invite only) in January. This position is a coordinator role that serves the Executive Committee between August and January (half year only) – working with volunteers to ensure the two main events open to the membership are well planned and hosted.

Outreach –

We are seeking an individual to be the DAWEG liaison to the greater community. The portfolio involves organizing DAWEG representation for three worthy events: judges and award presenters for BC Science Fairs (March through April in four lower mainland regions), a one day booth at E-Fest during National Engineering Week in late February/early March, and a team to enter the PMC Sierra Fun Run held each May. The role is half year term starting in January and ending in June.

As you will see in the next section of the newsletter opportunities abound to represent your profession and devote time to promoting it. Please read on and don't get off your seat before sending an email and signing up for at least one event!!



2. Good-bye to Past Director of Events

If you have been out to an event over the past two year you will have seen or met our Events Director, Saghi Kowsari. Saghi is returning to Iran later this month to pursue career opportunities and also share with the world her skills in planning events and managing projects. We wish her luck and good experiences. Thanks for your dedication to DAWEG.

VOLUNTEER OPPURTUNITIES

3. Women In Engineering Group @ SFU Event – next week Tuesday!!

On Tuesday, January 13th WEG@SFU will be hosting its first ever Networking Event, Mix and Mingle. This is an excellent opportunity for current students to meet women in the industry, make connections and hear about what engineering is really like in the "real world." The evening includes events such as a speaker panel, a speed networking session and mingling around desserts!

DAWEG members working in industry, especially SFU Engineering Science Alumni are encouraged to come out and share answers about their career paths. This is an excellent on time mentoring opportunity!

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More info: <http://weg.ensc.sfu.ca/events.html>

When: Tuesday, January 13, 2009

Time: 7 - 9 PM

Where: SFU Burnaby Campus

Contact: daweg.chair@gmail.com and hsharif@sfu.ca

4. APEGBC Mentoring Committee

As Chair of the DAWEG Executive Committee, I was approached by the chair of APEGBC's Mentoring Committee, Ash Abhyankar, P.Eng, looking for a practicing professional female APEGBC member to serve on the APEGBC Mentoring Committee. Currently the Committee consists of all men. I know a bit about the mandate of the committee and know that the right person is among DAWEG membership. I think a great deal of good can come from DAWEG members being in leadership positions within the association and in other professional ranks. Currently in addition to senior / principal / department head positions in industry and academia, DAWEG members are in volunteer roles with Consulting Engineers of BC, Women's Advisory Group for Engineer's Canada, APEGBC Editorial Board, APEGBC Standing Awards Committee, APEGBC Professional Renewal Task Force, APEGBC Sustainability Committee, and others of which I may not be aware. If this opportunity is speaking to you, let me know by email (daweg.chair@gmail.com). Before you decide to enlist, I can put you in touch with the Chair and a women who previously served on this Committee. If you can think of another individual that might be interested - perhaps someone you have mentored in the past - forward this note to them and copy me, I am sure they won't mind your suggestion, and I will take it as a sign to follow up. Also, consider this a call for P.Eng. and P.Geo. women to sign up as mentors in the APEGBC program, see more info on the APEGBC website.

5. UBC Engineering Tri-mentoring Industry Panel/Mixer

DAWEG is looking for a representative who would like to be a part of the UBC Engineering Tri-mentoring Industry Panel & Mixer on January 29th. It would be greatly appreciated if a DAWEG representative could bring perspective and insight to this diverse panel. It is not necessary to be UBC alumni.

The UBC Engineering Tri-mentoring Program is now in its sixth year and has connected hundreds of students (junior and senior) with engineering professionals from both industry and academia. The program provides participants with a structured relationship that develops the skills and social network needed for a successful career while exposing opportunities and challenges in the engineering workforce. For more detailed information regarding the program, please visit the program's website at: <http://www.cpsd.apsc.ubc.ca/trimentoring/index.php>.

If you would like to be involved as a panelist for this first-ever program networking mixer event, please email Amy Vozel and Rosanna Yee. Also, please copy daweg.chair@gmail.com so we know who is planning to attend.

Event: First-Ever Engineering Tri-mentoring Industry Panel/Mixer

Date: Thursday, January 29, 2009

Time: 6 - 8 PM

Location: Kaiser 2020/2030, UBC Campus

Contact: amy.vozel@ubc.ca or yee.rosanna@gmail.com or by phone at 604-822-8579.

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6. BC Science Fair Regional Judges

Congratulations to last year's DAWEG Award recipients who demonstrated an impressive array of skills and innovation:

Fraser Valley

Breanna Chelsey and Marissa Litiens • Feel the Shaking – Seismic Activity

Deen Ticchurst • Paschal's Law of Hydrolics

Sarah Reimer and Jason Ho • Equations of State of Hexane at Geophysical Conditions of Upper Mantle

Greater Vancouver

Demi Zeng • Battle of the Methods: Water Purification

Karen Yu • Effect of Plasticizers on Gelatinization Properties of Corn Starch

Kayla Lee and Poljanka Johnson • Pedal Power

South Fraser

Shivika Sharma • Hydroelectricity and Windpower

Vancouver Island

Monica Whitney–Brown • Raindrops on Rotor

Alice Jourmel • Dynamic Testing of Strength and Vibration Properties of Hardwoods

We are seeking representatives to judge and present the DAWEG Award to the four regions we are sponsoring for the 2009 BC Science Fair. This is a great opportunity to be involved in your own region. Your time commitment is negotiable within the dates below. And a regional event may also be held in your area (outside of lower mainland). If you are interested please email Nicole at daweg.outreach@gmail.com and she will be pleased to provide you with more information.

REGION	LOCATION	DATE
Fraser Valley	University of Fraser Valley	April 2 – 4, 2009
Greater Vancouver	UBC	April 2 – 3, 2009
South Fraser	SFU Surrey Campus	April 2 – 3, 2009
Vancouver Island	University of Victoria	April 4 – 6, 2009

7. Engineering Week - Popsicle Bridge Building Events – March 1st

Several APEGBC branches hold annual popsicle bridge building contests. The popsicle bridge contest is for all ages, but the real stars of the event are the elementary school kids. One of the primary goals of the event is getting these children inspired by science and engineering, perhaps even to the point of considering engineering as a profession for when they grow up. It is valuable to clearly show inspiring examples of women in engineering to these boys and girls.

DAWEG has an opportunity to set up a booth and provide volunteers for popsicle bridge contests in the Vancouver region, but it can *only* happen if one or more DAWEG members can volunteer to come out on this day. The request is for there to be some sort of engaging, entertaining activity happening at each booth that keeps the kids entertained while they wait for their bridge to be tested. If are interested in getting involved with this event, please contact Nicole at daweg.outreach@gmail.com.

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8. Math Challengers

DAWEG encourages you to volunteer for a Math Challengers events as a way to expand your professional network and act as a role model. Directions and instructions will be made available at <http://www.apeg.bc.ca/mathchallengers> and will also be emailed to you prior to the competitions.

Regional Competition - January 24, 2009 - UBC Leonard S. Klinck building 6356 Agricultural Road.

Provincial Competition - March 7, 2009 - SFU, Academic Quadrangle Shrum Science Building

Executive positions:

More Engineers are needed on the Math Challengers Executive.

Email Cary (carchien@yahoo.ca) in advance for details of the next upcoming meeting.

Volunteer Marker Positions:

Two shifts of volunteers: Group one will arrive at 7am and finish at 1pm and help with the set up then marking. Group two will arrive at 10 am and finish at 3 pm and will mark and then stay to determine final placements of contestants.

Volunteer Data Entry Positions:

For the Regional competition we require 5 or 6 data entry people For the Provincial Competition we need 4. Data Entry is on a MS access routine that is very easy- fast typing and proofing of marked papers are the only requirements.

Please email John Morgan at mathchallengervolunteers@telus.net and indicate the competition dates, shift and duties that you wish to volunteer for.

UPCOMING EVENTS

9. Women in Engineering (Vancouver Region) Anniversary Speaker - Jan 15th

Event: "Women & Money" Anniversary Speaker Night

Host: Women in Engineering Vancouver Region

Date: Thursday, January 15, 2009

Time: 6:30 - 9:30 PM

Where: Welch Room, YWCA

For details and RSVP, follow the link below:

<http://www.facebook.com/n/?event.php&eid=39593414436>

10. E-Fest: A Celebration of National Engineering and Geoscience Week

Date: Saturday, February 28, 2009

Time: 10 AM to 4 PM

Where: The Vancouver Public Library, main branch



E-Fest is a one-day event put on by engineering and geoscientist professionals. It takes place during National Engineering and Geoscience Week, and it's a great opportunity for people in our community to see first-hand how the many facets of engineering and geoscience affect our everyday lives.

E-Fest is held in the Vancouver Public Library promenade. The indoor promenade is a very popular community-gathering place. Each year thousands of people pass through the promenade and visit the many booths to view demonstrations, exhibits and student projects.

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DAWEG is looking for representatives to staff our booth for 1 or 2 hour time slots – perhaps we will organize by grouping graduating years, ie: up to 1990, 1991-1996, 1997-2002, 2003-2008. Come on down and bring the whole family! If you are interested in volunteering for a shift please email Nicole at daweg.outreach@gmail.com.

11. DAWEG Coffee Talk

An opportunity to mingle with other peers! A great way to improve your professional network! Are you interested in meeting at lunch or after work? ...downtown, north van... Groups are best when set up locally. Email daweg.admin@gmail.com and let us know if you are interested in attending or hosting an event at a coffee shop near your home or work. We will send out details, based on the responses received. Thank you for your support!

To kick off 2009, past, present, and future DAWEG members are invited to meet new and old friends for a casual coffee talk “with no topic”!

When: Wednesday, February 11, 2009

Time: 5 – 7 PM

Where: Bojangles Café, 1089 Marinaside Crescent, Vancouver
(<http://www.yelp.ca/biz/bojangles-cafe-vancouver-2>)

RSVP: Megan.Leslie@jacqueswhitford.com

PAST EVENTS

12. DAWEG December Memorial and Holiday Social

On December 4th, DAWEG hosted a memorial and holiday event in So.Cial Le Magasin. Fourteen engineering students killed at Ecole Polytechnique in Montreal on December 6, 1989 were remembered by fourteen white roses and lighting fourteen candles by fourteen participants of the event including Margaret Lee, President of APEGBC. Six dollars of registration of each participant is donated to CEMF (Canadian Engineering Memorial Foundation). Thanks to everyone who helped, donated, and came out, and we'll see all of you next year.



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OTHER

13. Job Position for Field Manager in Training with BC Hydro

Your passion lies in making a difference. By moving beyond the expected, you help make our world a better place. These are values we respect and seek out in employees. As the demand for electricity grows, so does our need for more bright minds to join our team. Together, we can build our community, foster conservation and deliver clean, reliable energy solutions for today, tomorrow and generations to come.

Field Operations is the largest business group within BC Hydro. It consists of approximately 2200 employees situated in over 50 communities served by BC Hydro. We are the people who perform the work and operate the equipment most often seen by British Columbians, and we do it with safety first. We are at the forefront of the larger BC Hydro team who really do "keep the lights on".

For those wanting to enter into a management career, we have developed a two year training program which comprises on-the-job training, coaching and support, online learning, as well as traditional face-to-face training courses and workshops.

At the start of the training program you will be given elements of the manager role, appropriate to your experience. It is anticipated that by the end of the two year program, you will have developed sufficiently to undertake the full range of duties including leading teams delivering the following services to the electrical power distribution system (safely and efficiently), including restoration, maintenance and construction.

Please see BC Hydro's Field Manager in Training Program Guide for additional information on program details.

Opportunities exist in three different areas within Field Operations: Distribution, Transmission and Construction Services. For further information on available positions, please refer to the links below:

Distribution - Lower Mainland, Fort St. John, Vancouver Island, Southern Interior

Transmission (Stations) - Prince George, Nanaimo, Southern Interior

Construction Services - Lower Mainland or Vancouver Island (TBD)

Interested candidates should submit their applications online at www.bchydro.com/careers (Job Number: 590250).

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14. Sponsors

For information contact Svetlana Levitskaia, Finance Director at: daweg.sponsorship@gmail.com OR 604-930-4592.

Title Sponsor:



Gold Sponsors:



Silver Sponsors:



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